Kazem Zare

List of Publications by Year
in descending order

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213 papers	8,343 citations	26630 56 h-index	58581 82 g-index
224 all docs	224 docs citations	224 times ranked	4434 citing authors

#	Article	IF	Citations
1	A Multilevel Inverter With Minimized Components Featuring Self-Balancing and Boosting Capabilities for PV Applications. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2023, 11, 1169-1178.	5.4	36
2	An Analytical Framework for Evaluating the Impact of Distribution-Level LVRT Response on Transmission System Security. IEEE Transactions on Power Systems, 2023, 38, 1995-2006.	6.5	1
3	Impartial pricing approach in double auction transactive distribution systems. International Journal of Electrical Power and Energy Systems, 2022, 135, 107204.	5.5	8
4	Hybrid Stochastic/Robust Offering Strategy for Coordinated Wind Power and Compressed Air Energy Storage in Multielectricity Markets. IEEE Systems Journal, 2022, 16, 977-984.	4.6	23
5	Energy-efficient dispatch of multiple-chiller systems using hybrid exchange market and genetic algorithm. Energy and Buildings, 2022, 255, 111571.	6.7	4
6	A new optimal under-voltage load shedding scheme for voltage collapse prevention in a multi-microgrid system. Electric Power Systems Research, 2022, 203, 107629.	3.6	15
7	A two-stage hybrid robust-stochastic day-ahead scheduling of transactive microgrids considering the possibility of main grid disconnection. International Journal of Electrical Power and Energy Systems, 2022, 136, 107701.	5.5	28
8	Coordination of wind power producers with an energy storage system for the optimal participation in wholesale electricity markets. International Journal of Electrical Power and Energy Systems, 2022, 136, 107672.	5.5	17
9	Multi-energy microgrids: An optimal despatch model for water-energy nexus. Sustainable Cities and Society, 2022, 77, 103573.	10.4	19
10	Emission impacts on virtual power plant scheduling programs. , 2022, , 359-376.		0
11	Optimal Scheduling of a Self-Healing Building Using Hybrid Stochastic-Robust Optimization Approach. IEEE Transactions on Industry Applications, 2022, 58, 3217-3226.	4.9	9
12	Optimal Coalition Operation of Interconnected Hybrid Energy Systems Containing Local Energy Conversion Technologies, Renewable Energy Resources, and Energy Storage Systems. Power Systems, 2022, , 169-198.	0.5	2
13	CVaR-based Stochastic Energy Management of a Smart Home. , 2022, , .		1
14	Two-stage Optimal Risk Management of Large Electricity Consumer Using Second-order Stochastic Dominance. , 2022, , .		0
15	A novel transactive energy trading model for modernizing energy hubs in the coupled heat and electricity network. Journal of Cleaner Production, 2022, 344, 131024.	9.3	26
16	A two-point estimate approach for energy management of multi-carrier energy systems incorporating demand response programs. Energy, 2022, 249, 123671.	8.8	17
17	Robust <scp>selfâ€scheduling</scp> of a virtual <scp>multiâ€energy</scp> plant in thermal and electricity markets in the presence of <scp>multiâ€energy</scp> flexible technologies. International Journal of Energy Research, 2022, 46, 6225-6245.	4.5	6
18	Two-Stage Stochastic Market Clearing of Energy and Reserve in the Presence of Coupled Fuel Cell-Based Hydrogen Storage System with Renewable Resources. Power Systems, 2022, , 267-292.	0.5	1

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19	Short-term electricity demand forecasting via variational autoencoders and batch training-based bidirectional long short-term memory. Sustainable Energy Technologies and Assessments, 2022, 52, 102209.	2.7	6
20	Peerâ€toâ€peer decentralized energy trading in industrial town considering central shared energy storage using alternating direction method of multipliers algorithm. IET Renewable Power Generation, 2022, 16, 2579-2589.	3.1	14
21	Robust Flexible Unit Commitment in Network-Constrained Multicarrier Energy Systems. IEEE Systems Journal, 2021, 15, 5267-5276.	4.6	35
22	Network-Constrained Joint Energy and Flexible Ramping Reserve Market Clearing of Power- and Heat-Based Energy Systems: A Two-Stage Hybrid IGDTâ€“Stochastic Framework. IEEE Systems Journal, 2021, 15, 1547-1556.	4.6	35
23	A Novel Operational Model for Interconnected Microgrids Participation in Transactive Energy Market: A Hybrid IGDT/Stochastic Approach. IEEE Transactions on Industrial Informatics, 2021, 17, 4025-4035.	11.3	78
24	Stochastic bi-level coordination of active distribution network and renewable-based microgrid considering eco-friendly Compressed Air Energy Storage system and Intelligent Parking Lot. Journal of Cleaner Production, 2021, 278, 122808.	9.3	31
25	Transactive energy management for optimal scheduling of interconnected microgrids with hydrogen energy storage. International Journal of Hydrogen Energy, 2021, 46, 16267-16278.	7.1	76
26	Designing a Transactive Framework for Future Distribution Systems. IEEE Systems Journal, 2021, 15, 4221-4229.	4.6	8
27	Evaluating the advantages of electric vehicle parking lots in day-ahead scheduling of wind-based power systems. , 2021, , 251-263.		0
28	IGDT-based optimal low-carbon generation dispatch of power system integrated with compressed air energy storage systems. , 2021, , 89-105.		0
29	Real-Time Perspective in Distributed Robust Operation of Networked Microgrids. Power Systems, 2021, , 205-218.	0.5	0
30	Resilient Scheduling of Networked Microgrids Against Real-Time Failures. IEEE Access, 2021, 9, 21443-21456.	4.2	7
31	Interval optimizationâ€based scheduling of interlinked power, gas, heat, and hydrogen systems. IET Renewable Power Generation, 2021, 15, 1214-1226.	3.1	22
32	<scp>Chanceâ€constrained</scp> scheduling of hybrid microgrids under transactive energy control. International Journal of Energy Research, 2021, 45, 10173-10190.	4.5	33
33	A hybrid robustâ€stochastic approach for optimal scheduling ofÂinterconnected hydrogenâ€based energy hubs. IET Smart Grid, 2021, 4, 241-254.	2.2	18
34	Economic-environmental analysis of combined heat and power-based reconfigurable microgrid integrated with multiple energy storage and demand response program. Sustainable Cities and Society, 2021, 69, 102790.	10.4	74
35	Resiliency-oriented optimal scheduling of microgrids in the presence of demand response programs using a hybrid stochastic-robust optimization approach. International Journal of Electrical Power and Energy Systems, 2021, 128, 106723.	5.5	54
36	Networkâ€constrained rail transportation and power system scheduling with mobile battery energy storage under a multiâ€objective twoâ€stage stochastic programming. International Journal of Energy Research, 2021, 45, 18827-18845.	4.5	11

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37	Economic-Emission Dispatch Problem in Power Systems With Carbon Capture Power Plants. IEEE Transactions on Industry Applications, 2021, 57, 3341-3351.	4.9	69
38	<scp>Economicâ€environmental</scp> stochastic scheduling for hydrogen storageâ€based smart energy hub coordinated with integrated demand response program. International Journal of Energy Research, 2021, 45, 20232-20257.	4.5	21
39	Under-frequency load shedding in isolated multi-microgrids. Sustainable Energy, Grids and Networks, 2021, 27, 100494.	3.9	12
40	A hybrid robust-stochastic optimization framework for optimal energy management of electric vehicles parking lots. Sustainable Energy Technologies and Assessments, 2021, 47, 101467.	2.7	9
41	Robust network-constrained energy management of a multiple energy distribution company in the presence of multi-energy conversion and storage technologies. Sustainable Cities and Society, 2021, 74, 103147.	10.4	34
42	Multi-objective IGDT-based scheduling of low-carbon multi-energy microgrids integrated with hydrogen refueling stations and electric vehicle parking lots. Sustainable Cities and Society, 2021, 74, 103197.	10.4	65
43	Decentralized strategy for real-time outages management and scheduling of networked microgrids. International Journal of Electrical Power and Energy Systems, 2021, 133, 107271.	5.5	4
44	Optimal economic distribution of PHEVs in DLC program to alternative charging stations. Sustainable Cities and Society, 2021, 75, 103277.	10.4	2
45	Robust decentralized optimization of Multi-Microgrids integrated with Power-to-X technologies. Applied Energy, 2021, 304, 117635.	10.1	91
46	Economic analysis of energy storage systems in multicarrier microgrids. , 2021, , 173-190.		3
47	Optimized Power Trading of Reconfigurable Microgrids in Distribution Energy Market. IEEE Access, 2021, 9, 48218-48235.	4.2	16
48	Optimal participation of electric vehicles aggregator in energy and flexible ramping markets. , 2021, , 217-233.		1
49	A Novel Transactive Energy Model for Reliable Operation of Resilient Multi-Microgrids Cluster. , 2021, , .		1
50	Robust Energy-Water Management of a Self-healing Complex Based on System-of-Systems. , 2021, , .		1
51	Information Gap Decision Theory for Scheduling of Electricity-Gas Systems in the Presence of Demand Response. , 2021, , .		1
52	Techno-Economic Analysis of Hybrid Energy Systems with 100% Renewables in the Grid Modernization Process. , 2021, , .		0
53	Optimal Scheduling of Hybrid AC-DC MG using Information Gap Decision Theory. , 2021, , .		2
54	A Revenue-Cost Sharing Methodology for the Peer-to-Peer Energy Trading in a Residential Community. , 2021, , .		0

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55	Two-stage Robust Energy Management of a Self-healing Building. , 2021, , .		1
56	Large-Consumer Energy Procurement Optimization Using a Hybrid IGDT-Stochastic Approach. , 2021, , .		0
57	A Novel Transactive Energy Test System for Coupled Electricity and Gas Markets with Hybrid Loads. , 2021, , .		0
58	Hybrid Robust-CVaR optimization of Hybrid AC-DC Microgrid. , 2021, , .		0
59	The Role of Conservation Voltage Reduction in Congestion Management of Smart Distribution Networks. , 2021, , .		3
60	Two-stage optimal robust scheduling of hybrid energy system considering the demand response programs. Journal of Cleaner Production, 2020, 248, 119267.	9.3	43
61	Hourly Price-Based Demand Response for Optimal Scheduling of Integrated Gas and Power Networks Considering Compressed Air Energy Storage. , 2020, , 55-74.		1
62	Two-stage stochastic programming model for optimal scheduling of the wind-thermal-hydropower-pumped storage system considering the flexibility assessment. Energy, 2020, 193, 116657.	8.8	66
63	Optimal Robust Energy Management of Microgrid with Fuel Cells, Hydrogen Energy Storage Units and Responsive Loads. , 2020, , .		4
64	Common-Ground-Type Single-Source High Step-Up Cascaded Multilevel Inverter for Transformerless PV Applications. Mathematics, 2020, 8, 1716.	2.2	3
65	Risk-constrained scheduling of a CHP-based microgrid including hydrogen energy storage using robust optimization approach. International Journal of Hydrogen Energy, 2020, 45, 32269-32284.	7.1	50
66	Integrated energy hub system based on powerâ€toâ€gas and compressed air energy storage technologies in the presence of multiple shiftable loads. IET Generation, Transmission and Distribution, 2020, 14, 2510-2519.	2.5	79
67	A General Mathematical Model for LVRT Capability Assessment of DER-Penetrated Distribution Networks. IEEE Access, 2020, 8, 125521-125533.	4.2	9
68	A novel hybrid two-stage framework for flexible bidding strategy of reconfigurable micro-grid in day-ahead and real-time markets. International Journal of Electrical Power and Energy Systems, 2020, 123, 106293.	5.5	63
69	Optimal generation scheduling of large-scale multi-zone combined heat and power systems. Energy, 2020, 210, 118497.	8.8	21
70	A bi-level market-clearing for coordinated regional-local multi-carrier systems in presence of energy storage technologies. Sustainable Cities and Society, 2020, 63, 102439.	10.4	57
71	A Stackelberg Game-Based Approach for Transactive Energy Management in Smart Distribution Networks. Energies, 2020, 13, 3621.	3.1	12
72	A Risk-Averse Hybrid Approach for Optimal Participation of Power-to-Hydrogen Technology-Based Multi-Energy Microgrid in Multi-Energy Markets. Sustainable Cities and Society, 2020, 63, 102421.	10.4	80

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73	Robust Optimal Operation Strategy for a Hybrid Energy System Based on Gas-Fired Unit, Power-to-Gas Facility and Wind Power in Energy Markets. Energies, 2020, 13, 6131.	3.1	25
74	Evaluating the impact of multi-carrier energy storage systems in optimal operation of integrated electricity, gas and district heating networks. Applied Thermal Engineering, 2020, 176, 115413.	6.0	79
75	Robust scheduling of hydrogen based smart micro energy hub with integrated demand response. Journal of Cleaner Production, 2020, 267, 122041.	9.3	131
76	Dominated GSO algorithm for optimal microgrid construction to improve consumer side properties in a distribution system. International Journal of Electrical Power and Energy Systems, 2020, 123, 106232.	5.5	8
77	Optimal stochastic bilevel scheduling of pumped hydro storage systems in a pay-as-bid energy market environment. Journal of Energy Storage, 2020, 31, 101608.	8.1	16
78	Short-term scheduling of electricity retailers in the presence of Demand Response Aggregators: A two-stage stochastic Bi-Level programming approach. Energy, 2020, 205, 117926.	8.8	40
79	A Novel Hybrid Framework for Co-Optimization of Power and Natural Gas Networks Integrated With Emerging Technologies. IEEE Systems Journal, 2020, 14, 3598-3608.	4.6	53
80	Smart home energy management using hybrid robust-stochastic optimization. Computers and Industrial Engineering, 2020, 143, 106425.	6.3	62
81	Design for independent and selfâ€adequate microgrids in distribution systems considering optimal allocation of DG units. IET Generation, Transmission and Distribution, 2020, 14, 728-734.	2.5	14
82	Power-based distribution locational marginal pricing under high-penetration of distributed energy resources. International Journal of Electrical Power and Energy Systems, 2020, 123, 106303.	5.5	13
83	Two-Stage Robust-Stochastic Electricity Market Clearing Considering Mobile Energy Storage in Rail Transportation. IEEE Access, 2020, 8, 121780-121794.	4.2	33
84	Optimal strategic coordination of distribution networks and interconnected energy hubs: A linear multi-follower bi-level optimization model. International Journal of Electrical Power and Energy Systems, 2020, 119, 105925.	5.5	69
85	Two-Stage Robust Stochastic Model Scheduling for Transactive Energy Based Renewable Microgrids. IEEE Transactions on Industrial Informatics, 2020, 16, 6857-6867.	11.3	84
86	Optimal operation of smart distribution networks in the presence of demand response aggregators and microgrid owners: A multi follower Bi-Level approach. Sustainable Cities and Society, 2020, 55, 102033.	10.4	44
87	An A-Posteriori Multi-Objective Optimization Method for MILP-Based Distribution Expansion Planning. IEEE Access, 2020, 8, 60279-60292.	4.2	9
88	Evaluation of hydrogen storage technology in risk-constrained stochastic scheduling of multi-carrier energy systems considering power, gas and heating network constraints. International Journal of Hydrogen Energy, 2020, 45, 30129-30141.	7.1	55
89	Multi-Objective Optimization Model for Optimal Performance of an Off-Grid Microgrid with Distributed Generation Units in the Presence of Demand Response Program. , 2020, , 199-215.		0
90	Optimal Operation of the Microgrid Considering Network Losses and Demand Response Programs Under Condition of Uncertainty. , 2020, , 217-240.		1

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91	Optimal Stochastic Operation of a Power System Incorporated with Compressed Air Energy Storage and Wind Turbine. , 2020, , .		1
92	Optimal Microgrid Construction in a Distribution System Considering Voltage Stability. , 2020, , .		0
93	Robust Scheduling of Plug-In Electric Vehicles Aggregator in Day-Ahead and Reserve Markets. , 2020, , 199-212.		1
94	Optimal Stochastic Planning of DERs in a Game Theory Framework Considering Demand Response and Pollution Issues. , 2020, , 193-214.		0
95	Risk-Based Purchasing Energy for Electricity Consumers by Retailer Using Information Gap Decision Theory Considering Demand Response Exchange. , 2020, , 135-168.		8
96	Risk-Based Long Term Integration of PEV Charge Stations and CHP Units Concerning Demand Response Participation of Customers in an Equilibrium Constrained Modeling Framework. , 2020, , 269-288.		0
97	Stochastic Multi-objective Low-Carbon Generation Dispatch Considering Carbon Capture Plants. , 2020, , .		2
98	A Stochastic Transactive Energy Model for Optimal Dispatch of Integrated Low-Carbon Energy Hubs in the Incorporated Electricity and Gas Networks. , 2020, , .		5
99	Optimal stochastic scheduling of cryogenic energy storage with wind power in the presence of a demand response program. Renewable Energy, 2019, 130, 268-280.	8.9	55
100	Hedging Strategies for Heat and Electricity Consumers in the Presence of Real-Time Demand Response Programs. IEEE Transactions on Sustainable Energy, 2019, 10, 1262-1270.	8.8	34
101	Stackelberg based optimal planning of DGs and electric vehicle parking lot by implementing demand response program. Sustainable Cities and Society, 2019, 51, 101743.	10.4	21
102	Incorporating Parking Lot and Demand Response in Energy Procurement of a Commercial Complex as a Smart Large Consumer. , 2019, , .		0
103	Improving reliability of distribution networks using plug-in electric vehicles and demand response. Journal of Modern Power Systems and Clean Energy, 2019, 7, 1189-1199.	5.4	64
104	Bi‌â€‌level operational planning of microgrids with considering demand response technology and contingency analysis. IET Generation, Transmission and Distribution, 2019, 13, 2721-2730.	2.5	13
105	A DC-DC Converter-Based Single-Source Transformer-less Multilevel Inverter. , 2019, , .		2
106	Optimal Day-Ahead Scheduling of the Renewable Based Energy Hubs Considering Demand Side Energy Management. , 2019, , .		16
107	Distributed model for robust real-time operation of distribution systems and microgrids. Electric Power Systems Research, 2019, 177, 105985.	3.6	17
108	Risk assessment in a central concentrating solar power plant. Solar Energy, 2019, 180, 293-300.	6.1	19

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109	Risk-based performance of combined cooling, heating and power (CCHP) integrated with renewable energies using information gap decision theory. Applied Thermal Engineering, 2019, 159, 113875.	6.0	33
110	Energy and reserve management of a smart distribution system by incorporating responsive-loads /battery/wind turbines considering uncertain parameters. Energy, 2019, 183, 205-219.	8.8	55
111	A hybrid stochastic-robust optimization approach for energy storage arbitrage in day-ahead and real-time markets. Sustainable Cities and Society, 2019, 49, 101600.	10.4	36
112	Risk-based scheduling of smart apartment building under market price uncertainty using robust optimization approach. Sustainable Cities and Society, 2019, 48, 101549.	10.4	30
113	Evaluation of power system robustness in order to prevent cascading outages. Turkish Journal of Electrical Engineering and Computer Sciences, 2019, 27, 258-273.	1.4	2
114	Circuit-theory-based method for transmission fixed cost allocation based on game-theory rationalized sharing of mutual-terms. Journal of Modern Power Systems and Clean Energy, 2019, 7, 1507-1522.	5.4	8
115	Optimization Framework Based on Information Gap Decision Theory for Optimal Operation of Multi-energy Systems. , 2019, , 35-59.		2
116	Optimal economic-emission performance of fuel cell/CHP/storage based microgrid. International Journal of Hydrogen Energy, 2019, 44, 6896-6908.	7.1	50
117	Optimal performance of microgrid in the presence of demand response exchange: A stochastic multi-objective model. Computers and Electrical Engineering, 2019, 74, 429-450.	4.8	95
118	Robust Short-Term Scheduling of Smart Distribution Systems Considering Renewable Sources and Demand Response Programs. , 2019, , 253-270.		5
119	Risk-Based Performance of Multi-carrier Energy Systems: Robust Optimization Framework. , 2019, , 271-291.		0
120	Optimal energy management of compressed air energy storage in dayâ€ahead and realâ€time energy markets. IET Generation, Transmission and Distribution, 2019, 13, 3673-3679.	2.5	12
121	Electric power distribution system expansion planning considering cost elasticity of demand. IET Generation, Transmission and Distribution, 2019, 13, 5229-5236.	2.5	18
122	Integration of Smart Energy Hubs in Distribution Networks Under Uncertainties and Demand Response Concept. IEEE Transactions on Power Systems, 2019, 34, 566-574.	6.5	112
123	Uncertainty-based electricity procurement by retailer using robust optimization approach in the presence of demand response exchange. International Journal of Electrical Power and Energy Systems, 2019, 105, 237-248.	5.5	73
124	Robust scheduling of thermal, cooling and electrical hub energy system under market price uncertainty. Applied Thermal Engineering, 2019, 149, 862-880.	6.0	98
125	Optimal performance of CCHP based microgrid considering environmental issue in the presence of real time demand response. Sustainable Cities and Society, 2019, 45, 596-606.	10.4	81
126	Optimal Scheduling of Hydrogen Storage under Economic and Environmental Priorities in the Presence of Renewable Units and Demand Response. Sustainable Cities and Society, 2019, 46, 101406.	10.4	26

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127	Real-time price-based demand response model for combined heat and power systems. Energy, 2019, 168, 1119-1127.	8.8	52
128	Switched-Capacitor-Based Single-Source Cascaded H-Bridge Multilevel Inverter Featuring Boosting Ability. IEEE Transactions on Power Electronics, 2019, 34, 1113-1124.	7.9	179
129	Review of Impacts of Static Var Compensator Allocation on Radial Distribution Networks. IETE Journal of Research, 2019, 65, 120-127.	2.6	4
130	Fuzzy-Logic-Based Adaptive Proportional-Integral Sliding Mode Control for Active Suspension Vehicle Systems: Kalman Filtering Approach. Information Technology and Control, 2019, 48, 648-659.	2.1	11
131	Supply Side Management in Renewable Energy Hubs. , 2018, , 163-187.		6
132	Joint Electricity and Heat Optimal Power Flow of Energy Hubs. , 2018, , 391-409.		0
133	Multi-Objective Optimization Framework for Electricity and Natural Gas Energy Hubs Under Hydrogen Storage System and Demand Response Program. , 2018, , 425-446.		8
134	Solar Thermal Energy Storage for Residential Sector. , 2018, , 79-101.		4
135	A multi-follower bilevel stochastic programming approach for energy management of combined heat and power micro-grids. Energy, 2018, 149, 135-146.	8.8	57
136	Robust thermal and electrical management of smart home using information gap decision theory. Applied Thermal Engineering, 2018, 132, 221-232.	6.0	34
137	Optimal scheduling of plug-in electric vehicles and renewable micro-grid in energy and reserve markets considering demand response program. Journal of Cleaner Production, 2018, 186, 293-303.	9.3	161
138	Multiobjective power and emission dispatch using modified group search optimization method. Ain Shams Engineering Journal, 2018, 9, 319-328.	6.1	28
139	Comparative performance evaluation of fractional order controllers in LFC of two-area diverse-unit power system with considering GDB and GRC effects. Journal of Electrical Systems and Information Technology, 2018, 5, 708-722.	1.7	64
140	MINLP Probabilistic Scheduling Model for Demand Response Programs Integrated Energy Hubs. IEEE Transactions on Industrial Informatics, 2018, 14, 79-88.	11.3	150
141	Optimal bidding and offering strategies of merchant compressed air energy storage in deregulated electricity market using robust optimization approach. Energy, 2018, 142, 250-257.	8.8	86
142	A novel dynamic model and control approach for SSSC to contribute effectively in AGC of a deregulated power system. International Journal of Electrical Power and Energy Systems, 2018, 95, 239-253.	5.5	42
143	Verification of a Low Component Nine-Level Cascaded-Transformer Multilevel Inverter in Grid-Tied Mode. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 429-440.	5.4	59
144	Heating and power hub models for robust performance of smart building using information gap decision theory. International Journal of Electrical Power and Energy Systems, 2018, 98, 23-35.	5.5	50

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145	Optimal scheduling of heating and power hubs under economic and environment issues in the presence of peak load management. Energy Conversion and Management, 2018, 156, 34-44.	9.2	54
146	A High Step-up Multilevel Inverter with Minimized Components Featuring Self-balancing and Continuous Input Current Capabilities. , 2018, , .		2
147	Robust Optimization of Renewable Energy Based Distribution Networks Considering Electrical Energy Storage and Fuel Cell. , 2018, , .		2
148	Calculation of the Participantsâ€™ Loss Share in the Advanced Distribution Network. , 2018, , 231-247.		0
149	Short-term Scheduling of Future Distribution Network in High Penetration of Electric Vehicles in Deregulated Energy Market. , 2018, , 139-159.		6
150	Application of Load Shifting Programs in Next Day Operation of Distribution Networks. , 2018, , 161-177.		4
151	Integration of Distributed Energy Resources Under the Transactive Energy Structure in the Future Smart Distribution Networks. , 2018, , 349-379.		11
152	Reliability-Based Scheduling of Active Distribution System With the Integration of Wind Power Generation. , 2018, , 203-230.		0
153	Optimal energy pricing for consumers by electricity retailer. International Journal of Electrical Power and Energy Systems, 2018, 102, 401-412.	5.5	56
154	Optimal scheduling of multi-smart buildings energy consumption considering power exchange capability. Sustainable Cities and Society, 2018, 41, 73-85.	10.4	33
155	Application of fuel cell and electrolyzer as hydrogen energy storage system in energy management of electricity energy retailer in the presence of the renewable energy sources and plug-in electric vehicles. Energy Conversion and Management, 2017, 136, 404-417.	9.2	125
156	A multi-objective model for optimal operation of a battery/PV/fuel cell/grid hybrid energy system using weighted sum technique and fuzzy satisfying approach considering responsible load management. Solar Energy, 2017, 144, 79-89.	6.1	135
157	A cost-emission model for fuel cell/PV/battery hybrid energy system in the presence of demand response program: Îµ-constraint method and fuzzy satisfying approach. Energy Conversion and Management, 2017, 138, 383-392.	9.2	126
158	Optimal stochastic short-term thermal and electrical operation of fuel cell/photovoltaic/battery/grid hybrid energy system in the presence of demand response program. Energy Conversion and Management, 2017, 144, 132-142.	9.2	100
159	Stochastic optimization of energy hub operation with consideration of thermal energy market and demand response. Energy Conversion and Management, 2017, 145, 117-128.	9.2	226
160	Optimal stochastic energy management of retailer based on selling price determination under smart grid environment in the presence of demand response program. Applied Energy, 2017, 187, 449-464.	10.1	133
161	Information Gap Decision Theory-Based Risk-Constrained Bidding Strategy of Price-Taker GenCo in Joint Energy and Reserve Markets. Electric Power Components and Systems, 2017, 45, 49-62.	1.8	23
162	Performance improvement of a battery/PV/fuel cell/grid hybrid energy system considering load uncertainty modeling using IGDT. Energy Conversion and Management, 2017, 147, 29-39.	9.2	77

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163	A cost-emission framework for hub energy system under demand response program. Energy, 2017, 134, 157-166.	8.8	100
164	Loss allocation in restructured radial distribution networks considering the contractual power. IET Generation, Transmission and Distribution, 2017, 11, 1389-1397.	2.5	12
165	Risk-based framework for supplying electricity from renewable generation-owning retailers to price-sensitive customers using information gap decision theory. International Journal of Electrical Power and Energy Systems, 2017, 93, 156-170.	5.5	53
166	Risk-based optimal performance of a PV/fuel cell/battery/grid hybrid energy system using information gap decision theory in the presence of demand response program. International Journal of Hydrogen Energy, 2017, 42, 11857-11867.	7.1	69
167	Robust bidding and offering strategies of electricity retailer under multi-tariff pricing. Energy Economics, 2017, 68, 359-372.	12.1	49
168	Strategic decision-making of distribution network operator with multi-microgrids considering demand response program. Energy, 2017, 141, 1059-1071.	8.8	79
169	Power Flow Constrained Short-Term Scheduling of CHP Units. , 2017, , 147-165.		2
170	Incorporation of demand response programs and wind turbines in optimal scheduling of smart distribution networks: A case study. , 2017, , .		2
171	Low component merged cells cascadedâ€transformer multilevel inverter featuring an enhanced reliability. IET Power Electronics, 2017, 10, 855-862.	2.1	40
172	Selling price determination by electricity retailer in the smart grid under demand side management in the presence of the electrolyser and fuel cell as hydrogen storage system. International Journal of Hydrogen Energy, 2017, 42, 3294-3308.	7.1	65
173	Stochastic scheduling of aggregators of plug-in electric vehicles for participation in energy and ancillary service markets. Energy, 2017, 118, 1168-1179.	8.8	148
174	Applying fractional order PID to design TCSC-based damping controller in coordination with automatic generation control of interconnected multi-source power system. Engineering Science and Technology, an International Journal, 2017, 20, 1-17.	3.2	123
175	MGSO optimised TIDâ€based GCSC damping controller in coordination with AGC for diverseâ€GENCOs multiâ€DISCOs power system with considering GDB and GRC nonâ€linearity effects. IET Generation, Transmission and Distribution, 2017, 11, 193-208.	2.5	53
176	Reconfiguration of distribution networks considering coordination of the protective devices. IET Generation, Transmission and Distribution, 2017, 11, 82-92.	2.5	53
177	Modified group search optimisationâ€based comparative performance evaluation of thyristor controlled series capacitorâ€based fractional order damping controllers to improve load frequency control performance in restructured environment. IET Generation, Transmission and Distribution, 2017, 11, 4654-4669.	2.5	11
178	Timing, Siting, and Sizing of Sub-transmission Substations and Distributed Generation Units Along Planning Horizon. Electric Power Components and Systems, 2016, 44, 1111-1125.	1.8	1
179	Solution of optimal reactive power dispatch of power systems using hybrid particle swarm optimization and imperialist competitive algorithms. International Journal of Electrical Power and Energy Systems, 2016, 83, 104-116.	5.5	123
180	AGC of interconnected multi-source power system with considering GDB and GRC nonlinearity effects. , 2016, , .		10

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181	Optimal risk-constrained participation of industrial cogeneration systems in the day-ahead energy markets. Renewable and Sustainable Energy Reviews, 2016, 60, 421-432.	16.4	35
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