

Kazem Zare

List of Publications by Year in descending order

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213
papers

8,343
citations

26610

56
h-index

58549

82
g-index

224
all docs

224
docs citations

224
times ranked

4434
citing authors

#	ARTICLE	IF	CITATIONS
1	Stochastic Scheduling of Renewable and CHP-Based Microgrids. IEEE Transactions on Industrial Informatics, 2015, 11, 1049-1058.	7.2	236
2	Stochastic optimization of energy hub operation with consideration of thermal energy market and demand response. Energy Conversion and Management, 2017, 145, 117-128.	4.4	226
3	Switched-Capacitor-Based Single-Source Cascaded H-Bridge Multilevel Inverter Featuring Boosting Ability. IEEE Transactions on Power Electronics, 2019, 34, 1113-1124.	5.4	179
4	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.	4.6	161
5	MINLP Probabilistic Scheduling Model for Demand Response Programs Integrated Energy Hubs. IEEE Transactions on Industrial Informatics, 2018, 14, 79-88.	7.2	150
6	Stochastic scheduling of aggregators of plug-in electric vehicles for participation in energy and ancillary service markets. Energy, 2017, 118, 1168-1179.	4.5	148
7	Optimal bidding strategy of electricity retailers using robust optimisation approach considering time-of-use rate demand response programs under market price uncertainties. IET Generation, Transmission and Distribution, 2015, 9, 328-338.	1.4	135
8	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.	2.9	135
9	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.	5.1	133
10	Short-term scheduling of combined heat and power generation units in the presence of demand response programs. Energy, 2014, 71, 289-301.	4.5	131
11	Robust scheduling of hydrogen based smart micro energy hub with integrated demand response. Journal of Cleaner Production, 2020, 267, 122041.	4.6	131
12	A cost-emission model for fuel cell/PV/battery hybrid energy system in the presence of demand response program: μ -constraint method and fuzzy satisfying approach. Energy Conversion and Management, 2017, 138, 383-392.	4.4	126
13	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.	4.4	125
14	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.	3.3	123
15	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.	2.0	123
16	Integration of Smart Energy Hubs in Distribution Networks Under Uncertainties and Demand Response Concept. IEEE Transactions on Power Systems, 2019, 34, 566-574.	4.6	112
17	Optimal allocation of capacitors in radial/mesh distribution systems using mixed integer nonlinear programming approach. Electric Power Systems Research, 2014, 107, 119-124.	2.1	110
18	Stochastic risk-constrained short-term scheduling of industrial cogeneration systems in the presence of demand response programs. Applied Energy, 2014, 136, 393-404.	5.1	105

#	ARTICLE	IF	CITATIONS
19	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.	4.4	100
20	A cost-emission framework for hub energy system under demand response program. Energy, 2017, 134, 157-166.	4.5	100
21	Effective oscillation damping of an interconnected multi-source power system with automatic generation control and TCSC. International Journal of Electrical Power and Energy Systems, 2015, 65, 220-230.	3.3	99
22	Robust scheduling of thermal, cooling and electrical hub energy system under market price uncertainty. Applied Thermal Engineering, 2019, 149, 862-880.	3.0	98
23	Optimal performance of microgrid in the presence of demand response exchange: A stochastic multi-objective model. Computers and Electrical Engineering, 2019, 74, 429-450.	3.0	95
24	Robust decentralized optimization of Multi-Microgrids integrated with Power-to-X technologies. Applied Energy, 2021, 304, 117635.	5.1	91
25	Optimal bidding and offering strategies of merchant compressed air energy storage in deregulated electricity market using robust optimization approach. Energy, 2018, 142, 250-257.	4.5	86
26	Two-Stage Robust Stochastic Model Scheduling for Transactive Energy Based Renewable Microgrids. IEEE Transactions on Industrial Informatics, 2020, 16, 6857-6867.	7.2	84
27	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.	5.1	81
28	Risk-Based Electricity Procurement for Large Consumers. IEEE Transactions on Power Systems, 2011, 26, 1826-1835.	4.6	80
29	Robust optimal offering strategy of large consumer using IGDT considering demand response programs. Electric Power Systems Research, 2016, 130, 46-58.	2.1	80
30	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.	5.1	80
31	Dynamic planning of distributed generation units in active distribution network. IET Generation, Transmission and Distribution, 2015, 9, 1455-1463.	1.4	79
32	Strategic decision-making of distribution network operator with multi-microgrids considering demand response program. Energy, 2017, 141, 1059-1071.	4.5	79
33	Integrated energy hub system based on power-to-gas and compressed air energy storage technologies in the presence of multiple shiftable loads. IET Generation, Transmission and Distribution, 2020, 14, 2510-2519.	1.4	79
34	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.	3.0	79
35	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.	7.2	78
36	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.	4.4	77

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37	Transactive energy management for optimal scheduling of interconnected microgrids with hydrogen energy storage. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 16267-16278.	3.8	76
38	Multi-market energy procurement for a large consumer using a risk-aversion procedure. <i>Electric Power Systems Research</i> , 2010, 80, 63-70.	2.1	75
39	Solving non-convex economic dispatch problem with valve point effects using modified group search optimizer method. <i>Electric Power Systems Research</i> , 2012, 84, 83-89.	2.1	75
40	Economic-environmental analysis of combined heat and power-based reconfigurable microgrid integrated with multiple energy storage and demand response program. <i>Sustainable Cities and Society</i> , 2021, 69, 102790.	5.1	74
41	Uncertainty-based electricity procurement by retailer using robust optimization approach in the presence of demand response exchange. <i>International Journal of Electrical Power and Energy Systems</i> , 2019, 105, 237-248.	3.3	73
42	Performance comparison of TCSC with TCPS and SSSC controllers in AGC of realistic interconnected multi-source power system. <i>Ain Shams Engineering Journal</i> , 2016, 7, 143-158.	3.5	69
43	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. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 11857-11867.	3.8	69
44	Optimal strategic coordination of distribution networks and interconnected energy hubs: A linear multi-follower bi-level optimization model. <i>International Journal of Electrical Power and Energy Systems</i> , 2020, 119, 105925.	3.3	69
45	Economic-Emission Dispatch Problem in Power Systems With Carbon Capture Power Plants. <i>IEEE Transactions on Industry Applications</i> , 2021, 57, 3341-3351.	3.3	69
46	Two-stage stochastic programming model for optimal scheduling of the wind-thermal-hydropower-pumped storage system considering the flexibility assessment. <i>Energy</i> , 2020, 193, 116657.	4.5	66
47	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. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 3294-3308.	3.8	65
48	Multi-objective IGDT-based scheduling of low-carbon multi-energy microgrids integrated with hydrogen refueling stations and electric vehicle parking lots. <i>Sustainable Cities and Society</i> , 2021, 74, 103197.	5.1	65
49	Comparative performance evaluation of fractional order controllers in LFC of two-area diverse-unit power system with considering GDB and GRC effects. <i>Journal of Electrical Systems and Information Technology</i> , 2018, 5, 708-722.	1.2	64
50	Improving reliability of distribution networks using plug-in electric vehicles and demand response. <i>Journal of Modern Power Systems and Clean Energy</i> , 2019, 7, 1189-1199.	3.3	64
51	A novel hybrid two-stage framework for flexible bidding strategy of reconfigurable micro-grid in day-ahead and real-time markets. <i>International Journal of Electrical Power and Energy Systems</i> , 2020, 123, 106293.	3.3	63
52	Electricity procurement for large consumers based on Information Gap Decision Theory. <i>Energy Policy</i> , 2010, 38, 234-242.	4.2	62
53	Smart home energy management using hybrid robust-stochastic optimization. <i>Computers and Industrial Engineering</i> , 2020, 143, 106425.	3.4	62
54	Optimal bidding strategy of generation station in power market using information gap decision theory (IGDT). <i>Electric Power Systems Research</i> , 2013, 96, 56-63.	2.1	59

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55	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.	3.7	59
56	Demand bidding construction for a large consumer through a hybrid IGDT-probability methodology. Energy, 2010, 35, 2999-3007.	4.5	57
57	A multi-follower bilevel stochastic programming approach for energy management of combined heat and power micro-grids. Energy, 2018, 149, 135-146.	4.5	57
58	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.	5.1	57
59	A hybrid approach based on IGDT-MPSO method for optimal bidding strategy of price-taker generation station in day-ahead electricity market. International Journal of Electrical Power and Energy Systems, 2015, 69, 335-343.	3.3	56
60	Optimal energy pricing for consumers by electricity retailer. International Journal of Electrical Power and Energy Systems, 2018, 102, 401-412.	3.3	56
61	Optimal stochastic scheduling of cryogenic energy storage with wind power in the presence of a demand response program. Renewable Energy, 2019, 130, 268-280.	4.3	55
62	Energy and reserve management of a smart distribution system by incorporating responsive-loads /battery/wind turbines considering uncertain parameters. Energy, 2019, 183, 205-219.	4.5	55
63	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.	3.8	55
64	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.	4.4	54
65	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.	3.3	54
66	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.	3.3	53
67	MGSO optimised TID-based GCSC damping controller in coordination with AGC for diverse GENCOs multi-DISCOs power system with considering GDB and GRC non-linearity effects. IET Generation, Transmission and Distribution, 2017, 11, 193-208.	1.4	53
68	Reconfiguration of distribution networks considering coordination of the protective devices. IET Generation, Transmission and Distribution, 2017, 11, 82-92.	1.4	53
69	A Novel Hybrid Framework for Co-Optimization of Power and Natural Gas Networks Integrated With Emerging Technologies. IEEE Systems Journal, 2020, 14, 3598-3608.	2.9	53
70	Real-time price-based demand response model for combined heat and power systems. Energy, 2019, 168, 1119-1127.	4.5	52
71	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.	3.3	50
72	Optimal economic-emission performance of fuel cell/CHP/storage based microgrid. International Journal of Hydrogen Energy, 2019, 44, 6896-6908.	3.8	50

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73	Risk-constrained scheduling of a CHP-based microgrid including hydrogen energy storage using robust optimization approach. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 32269-32284.	3.8	50
74	Robust bidding and offering strategies of electricity retailer under multi-tariff pricing. <i>Energy Economics</i> , 2017, 68, 359-372.	5.6	49
75	Large Consumer Electricity Acquisition Considering Time-of-Use Rates Demand Response Programs. <i>Arabian Journal for Science and Engineering</i> , 2014, 39, 8913-8923.	1.1	46
76	Optimal operation of smart distribution networks in the presence of demand response aggregators and microgrid owners: A multi follower Bi-Level approach. <i>Sustainable Cities and Society</i> , 2020, 55, 102033.	5.1	44
77	Application of binary group search optimization to distribution network reconfiguration. <i>International Journal of Electrical Power and Energy Systems</i> , 2014, 62, 461-468.	3.3	43
78	Two-stage optimal robust scheduling of hybrid energy system considering the demand response programs. <i>Journal of Cleaner Production</i> , 2020, 248, 119267.	4.6	43
79	A novel dynamic model and control approach for SSSC to contribute effectively in AGC of a deregulated power system. <i>International Journal of Electrical Power and Energy Systems</i> , 2018, 95, 239-253.	3.3	42
80	Low component merged cells cascaded transformer multilevel inverter featuring an enhanced reliability. <i>IET Power Electronics</i> , 2017, 10, 855-862.	1.5	40
81	Short-term scheduling of electricity retailers in the presence of Demand Response Aggregators: A two-stage stochastic Bi-Level programming approach. <i>Energy</i> , 2020, 205, 117926.	4.5	40
82	Evaluation of technical risks in distribution network along with distributed generation based on active management. <i>IET Generation, Transmission and Distribution</i> , 2014, 8, 609-618.	1.4	37
83	Risk-based optimal bidding strategy of generation company in day-ahead electricity market using information gap decision theory. <i>International Journal of Electrical Power and Energy Systems</i> , 2013, 48, 83-92.	3.3	36
84	A Multilevel Inverter With Minimized Components Featuring Self-Balancing and Boosting Capabilities for PV Applications. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2023, 11, 1169-1178.	3.7	36
85	A hybrid stochastic-robust optimization approach for energy storage arbitrage in day-ahead and real-time markets. <i>Sustainable Cities and Society</i> , 2019, 49, 101600.	5.1	36
86	Optimal risk-constrained participation of industrial cogeneration systems in the day-ahead energy markets. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 60, 421-432.	8.2	35
87	Robust Flexible Unit Commitment in Network-Constrained Multicarrier Energy Systems. <i>IEEE Systems Journal</i> , 2021, 15, 5267-5276.	2.9	35
88	Network-Constrained Joint Energy and Flexible Ramping Reserve Market Clearing of Power- and Heat-Based Energy Systems: A Two-Stage Hybrid IGDT Stochastic Framework. <i>IEEE Systems Journal</i> , 2021, 15, 1547-1556.	2.9	35
89	Robust thermal and electrical management of smart home using information gap decision theory. <i>Applied Thermal Engineering</i> , 2018, 132, 221-232.	3.0	34
90	Hedging Strategies for Heat and Electricity Consumers in the Presence of Real-Time Demand Response Programs. <i>IEEE Transactions on Sustainable Energy</i> , 2019, 10, 1262-1270.	5.9	34

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91	Robust network-constrained energy management of a multiple energy distribution company in the presence of multi-energy conversion and storage technologies. <i>Sustainable Cities and Society</i> , 2021, 74, 103147.	5.1	34
92	Optimal scheduling of multi-smart buildings energy consumption considering power exchange capability. <i>Sustainable Cities and Society</i> , 2018, 41, 73-85.	5.1	33
93	Risk-based performance of combined cooling, heating and power (CCHP) integrated with renewable energies using information gap decision theory. <i>Applied Thermal Engineering</i> , 2019, 159, 113875.	3.0	33
94	Two-Stage Robust-Stochastic Electricity Market Clearing Considering Mobile Energy Storage in Rail Transportation. <i>IEEE Access</i> , 2020, 8, 121780-121794.	2.6	33
95	<scp>Chance-constrained</scp> scheduling of hybrid microgrids under transactive energy control. <i>International Journal of Energy Research</i> , 2021, 45, 10173-10190.	2.2	33
96	Energy procurement management for electricity retailer using new hybrid approach based on combined BICA-BPSO. <i>International Journal of Electrical Power and Energy Systems</i> , 2015, 73, 411-419.	3.3	31
97	Stochastic bi-level coordination of active distribution network and renewable-based microgrid considering eco-friendly Compressed Air Energy Storage system and Intelligent Parking Lot. <i>Journal of Cleaner Production</i> , 2021, 278, 122808.	4.6	31
98	Risk-based scheduling of smart apartment building under market price uncertainty using robust optimization approach. <i>Sustainable Cities and Society</i> , 2019, 48, 101549.	5.1	30
99	Multiobjective power and emission dispatch using modified group search optimization method. <i>Ain Shams Engineering Journal</i> , 2018, 9, 319-328.	3.5	28
100	A two-stage hybrid robust-stochastic day-ahead scheduling of transactive microgrids considering the possibility of main grid disconnection. <i>International Journal of Electrical Power and Energy Systems</i> , 2022, 136, 107701.	3.3	28
101	A multi-stage MINLP-based model for sub-transmission system expansion planning considering the placement of DG units. <i>International Journal of Electrical Power and Energy Systems</i> , 2014, 63, 8-16.	3.3	27
102	Optimal Scheduling of Hydrogen Storage under Economic and Environmental Priorities in the Presence of Renewable Units and Demand Response. <i>Sustainable Cities and Society</i> , 2019, 46, 101406.	5.1	26
103	A novel transactive energy trading model for modernizing energy hubs in the coupled heat and electricity network. <i>Journal of Cleaner Production</i> , 2022, 344, 131024.	4.6	26
104	Robust Optimal Operation Strategy for a Hybrid Energy System Based on Gas-Fired Unit, Power-to-Gas Facility and Wind Power in Energy Markets. <i>Energies</i> , 2020, 13, 6131.	1.6	25
105	Information Gap Decision Theory-Based Risk-Constrained Bidding Strategy of Price-Taker GenCo in Joint Energy and Reserve Markets. <i>Electric Power Components and Systems</i> , 2017, 45, 49-62.	1.0	23
106	Hybrid Stochastic/Robust Offering Strategy for Coordinated Wind Power and Compressed Air Energy Storage in Multielectricity Markets. <i>IEEE Systems Journal</i> , 2022, 16, 977-984.	2.9	23
107	Interval optimization-based scheduling of interlinked power, gas, heat, and hydrogen systems. <i>IET Renewable Power Generation</i> , 2021, 15, 1214-1226.	1.7	22
108	A solution to the generation scheduling problem in power systems with large-scale wind farms using MICA. <i>International Journal of Electrical Power and Energy Systems</i> , 2014, 54, 1-9.	3.3	21

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109	Stackelberg based optimal planning of DGs and electric vehicle parking lot by implementing demand response program. Sustainable Cities and Society, 2019, 51, 101743.	5.1	21
110	Optimal generation scheduling of large-scale multi-zone combined heat and power systems. Energy, 2020, 210, 118497.	4.5	21
111	<scp>Economic&Environmental</scp> stochastic scheduling for hydrogen storage&based smart energy hub coordinated with integrated demand response program. International Journal of Energy Research, 2021, 45, 20232-20257.	2.2	21
112	Risk assessment in a central concentrating solar power plant. Solar Energy, 2019, 180, 293-300.	2.9	19
113	Multi-energy microgrids: An optimal despatch model for water-energy nexus. Sustainable Cities and Society, 2022, 77, 103573.	5.1	19
114	Electric power distribution system expansion planning considering cost elasticity of demand. IET Generation, Transmission and Distribution, 2019, 13, 5229-5236.	1.4	18
115	A hybrid robust&stochastic approach for optimal scheduling of&interconnected hydrogen&based energy hubs. IET Smart Grid, 2021, 4, 241-254.	1.5	18
116	Distributed model for robust real-time operation of distribution systems and microgrids. Electric Power Systems Research, 2019, 177, 105985.	2.1	17
117	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.	3.3	17
118	A two-point estimate approach for energy management of multi-carrier energy systems incorporating demand response programs. Energy, 2022, 249, 123671.	4.5	17
119	Optimal Day-Ahead Scheduling of the Renewable Based Energy Hubs Considering Demand Side Energy Management. , 2019, , .		16
120	Optimal stochastic bilevel scheduling of pumped hydro storage systems in a pay-as-bid energy market environment. Journal of Energy Storage, 2020, 31, 101608.	3.9	16
121	Optimized Power Trading of Reconfigurable Microgrids in Distribution Energy Market. IEEE Access, 2021, 9, 48218-48235.	2.6	16
122	A new optimal under-voltage load shedding scheme for voltage collapse prevention in a multi-microgrid system. Electric Power Systems Research, 2022, 203, 107629.	2.1	15
123	Probabilistic Allocation of Thyristor-controlled Phase Shifting Transformer for Transient Stability Enhancement of Electric Power System. IETE Journal of Research, 2015, 61, 382-391.	1.8	14
124	Design for independent and self&adequate microgrids in distribution systems considering optimal allocation of DG units. IET Generation, Transmission and Distribution, 2020, 14, 728-734.	1.4	14
125	Peer&to&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.	1.7	14
126	Bi&level operational planning of microgrids with considering demand response technology and contingency analysis. IET Generation, Transmission and Distribution, 2019, 13, 2721-2730.	1.4	13

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127	Power-based distribution locational marginal pricing under high-penetration of distributed energy resources. International Journal of Electrical Power and Energy Systems, 2020, 123, 106303.	3.3	13
128	Loss allocation in restructured radial distribution networks considering the contractual power. IET Generation, Transmission and Distribution, 2017, 11, 1389-1397.	1.4	12
129	Optimal energy management of compressed air energy storage in day-ahead and real-time energy markets. IET Generation, Transmission and Distribution, 2019, 13, 3673-3679.	1.4	12
130	A Stackelberg Game-Based Approach for Transactive Energy Management in Smart Distribution Networks. Energies, 2020, 13, 3621.	1.6	12
131	Under-frequency load shedding in isolated multi-microgrids. Sustainable Energy, Grids and Networks, 2021, 27, 100494.	2.3	12
132	Modified group search optimisation-based comparative performance evaluation of thyristor controlled series capacitor-based fractional order damping controllers to improve load frequency control performance in restructured environment. IET Generation, Transmission and Distribution, 2017, 11, 4654-4669.	1.4	11
133	Integration of Distributed Energy Resources Under the Transactive Energy Structure in the Future Smart Distribution Networks. , 2018, , 349-379.		11
134	Network-constrained rail transportation and power system scheduling with mobile battery energy storage under a multi-objective two-stage stochastic programming. International Journal of Energy Research, 2021, 45, 18827-18845.	2.2	11
135	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.	1.1	11
136	Maximizing penetration level of distributed generations in active distribution networks. , 2013, , .		10
137	AGC of interconnected multi-source power system with considering GDB and GRC nonlinearity effects. , 2016, , .		10
138	A General Mathematical Model for LVRT Capability Assessment of DER-Penetrated Distribution Networks. IEEE Access, 2020, 8, 125521-125533.	2.6	9
139	An A-Posteriori Multi-Objective Optimization Method for MILP-Based Distribution Expansion Planning. IEEE Access, 2020, 8, 60279-60292.	2.6	9
140	A hybrid robust-stochastic optimization framework for optimal energy management of electric vehicles parking lots. Sustainable Energy Technologies and Assessments, 2021, 47, 101467.	1.7	9
141	Optimal Scheduling of a Self-Healing Building Using Hybrid Stochastic-Robust Optimization Approach. IEEE Transactions on Industry Applications, 2022, 58, 3217-3226.	3.3	9
142	Dynamic expansion planning of sub-transmission substations and defining the associated service area. Electric Power Systems Research, 2014, 116, 218-230.	2.1	8
143	Multi-Objective Optimization Framework for Electricity and Natural Gas Energy Hubs Under Hydrogen Storage System and Demand Response Program. , 2018, , 425-446.		8
144	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.	3.3	8

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145	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.	3.3	8
146	Designing a Transactive Framework for Future Distribution Systems. IEEE Systems Journal, 2021, 15, 4221-4229.	2.9	8
147	Impartial pricing approach in double auction transactive distribution systems. International Journal of Electrical Power and Energy Systems, 2022, 135, 107204.	3.3	8
148	Risk-Based Purchasing Energy for Electricity Consumers by Retailer Using Information Gap Decision Theory Considering Demand Response Exchange. , 2020, , 135-168.		8
149	Resilient Scheduling of Networked Microgrids Against Real-Time Failures. IEEE Access, 2021, 9, 21443-21456.	2.6	7
150	Supply Side Management in Renewable Energy Hubs. , 2018, , 163-187.		6
151	Short-term Scheduling of Future Distribution Network in High Penetration of Electric Vehicles in Deregulated Energy Market. , 2018, , 139-159.		6
152	Robust self-scheduling of a virtual multi-energy plant in thermal and electricity markets in the presence of multi-energy flexible technologies. International Journal of Energy Research, 2022, 46, 6225-6245.	2.2	6
153	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.	1.7	6
154	Robust Short-Term Scheduling of Smart Distribution Systems Considering Renewable Sources and Demand Response Programs. , 2019, , 253-270.		5
155	A Stochastic Transactive Energy Model for Optimal Dispatch of Integrated Low-Carbon Energy Hubs in the Incorporated Electricity and Gas Networks. , 2020, , .		5
156	A solution to transmission-constrained unit commitment using hunting search algorithm. , 2012, , .		4
157	Application of active management in operation of distribution network using NSGA II. , 2014, , .		4
158	Solar Thermal Energy Storage for Residential Sector. , 2018, , 79-101.		4
159	Application of Load Shifting Programs in Next Day Operation of Distribution Networks. , 2018, , 161-177.		4
160	Review of Impacts of Static Var Compensator Allocation on Radial Distribution Networks. IETE Journal of Research, 2019, 65, 120-127.	1.8	4
161	Optimal Robust Energy Management of Microgrid with Fuel Cells, Hydrogen Energy Storage Units and Responsive Loads. , 2020, , .		4
162	Decentralized strategy for real-time outages management and scheduling of networked microgrids. International Journal of Electrical Power and Energy Systems, 2021, 133, 107271.	3.3	4

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163	Energy-efficient dispatch of multiple-chiller systems using hybrid exchange market and genetic algorithm. <i>Energy and Buildings</i> , 2022, 255, 111571.	3.1	4
164	Common-Ground-Type Single-Source High Step-Up Cascaded Multilevel Inverter for Transformerless PV Applications. <i>Mathematics</i> , 2020, 8, 1716.	1.1	3
165	Economic analysis of energy storage systems in multicarrier microgrids. , 2021, , 173-190.		3
166	A two-stage stochastic bilevel programming approach for offering strategy of DER aggregators in local and wholesale electricity markets. <i>IET Renewable Power Generation</i> , 0, , .	1.7	3
167	The Role of Conservation Voltage Reduction in Congestion Management of Smart Distribution Networks. , 2021, , .		3
168	Power Flow Constrained Short-Term Scheduling of CHP Units. , 2017, , 147-165.		2
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