

Ali Reza Seifi

List of Publications by Year in descending order

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185
papers

7,341
citations

61857

43
h-index

64668

79
g-index

186
all docs

186
docs citations

186
times ranked

5941
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-objective operation management of a renewable MG (micro-grid) with back-up micro-turbine/fuel cell/battery hybrid power source. <i>Energy</i> , 2011, 36, 6490-6507.	4.5	479
2	Short-Term Load Forecast of Microgrids by a New Bilevel Prediction Strategy. <i>IEEE Transactions on Smart Grid</i> , 2010, 1, 286-294.	6.2	246
3	Wind Power Prediction by a New Forecast Engine Composed of Modified Hybrid Neural Network and Enhanced Particle Swarm Optimization. <i>IEEE Transactions on Sustainable Energy</i> , 2011, 2, 265-276.	5.9	245
4	Expert energy management of a micro-grid considering wind energy uncertainty. <i>Energy Conversion and Management</i> , 2014, 83, 58-72.	4.4	201
5	A New Feature Selection Technique for Load and Price Forecast of Electrical Power Systems. <i>IEEE Transactions on Power Systems</i> , 2017, 32, 62-74.	4.6	201
6	Low-complexity decoding for non-binary LDPC codes in high order fields. <i>IEEE Transactions on Communications</i> , 2010, 58, 1365-1375.	4.9	188
7	An Integrated Steady-State Operation Assessment of Electrical, Natural Gas, and District Heating Networks. <i>IEEE Transactions on Power Systems</i> , 2016, 31, 3636-3647.	4.6	185
8	Operation Scheduling of Battery Storage Systems in Joint Energy and Ancillary Services Markets. <i>IEEE Transactions on Sustainable Energy</i> , 2017, 8, 1726-1735.	5.9	174
9	A Probabilistic Energy Management Scheme for Renewable-Based Residential Energy Hubs. <i>IEEE Transactions on Smart Grid</i> , 2017, 8, 2217-2227.	6.2	170
10	Application of information-gap decision theory to risk-constrained self-scheduling of GenCos. <i>IEEE Transactions on Power Systems</i> , 2013, 28, 1093-1102.	4.6	167
11	The numerical modeling of water/FMWCNT nanofluid flow and heat transfer in a backward-facing contracting channel. <i>Physica B: Condensed Matter</i> , 2018, 537, 176-183.	1.3	167
12	Probabilistic Power Flow by Monte Carlo Simulation With Latin Supercube Sampling. <i>IEEE Transactions on Power Systems</i> , 2013, 28, 1550-1559.	4.6	165
13	A modified teaching-learning based optimization for multi-objective optimal power flow problem. <i>Energy Conversion and Management</i> , 2014, 77, 597-607.	4.4	161
14	Multi-objective energy management of CHP (combined heat and power)-based micro-grid. <i>Energy</i> , 2013, 51, 123-136.	4.5	155
15	Multi-operation management of a typical micro-grids using Particle Swarm Optimization: A comparative study. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 1268-1281.	8.2	149
16	Day-Ahead Power Output Forecasting for Small-Scale Solar Photovoltaic Electricity Generators. <i>IEEE Transactions on Smart Grid</i> , 2015, 6, 2253-2262.	6.2	142
17	A Bilevel Model for Participation of a Storage System in Energy and Reserve Markets. <i>IEEE Transactions on Sustainable Energy</i> , 2018, 9, 582-598.	5.9	131
18	Simultaneous integrated optimal energy flow of electricity, gas, and heat. <i>Energy Conversion and Management</i> , 2015, 101, 579-591.	4.4	130

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19	Electricity Price and Demand Forecasting in Smart Grids. IEEE Transactions on Smart Grid, 2012, 3, 664-674.	6.2	128
20	Energy Flow Optimization in Multicarrier Systems. IEEE Transactions on Industrial Informatics, 2015, 11, 1067-1077.	7.2	126
21	Distribution feeder reconfiguration considering fuel cell/wind/photovoltaic power plants. Renewable Energy, 2012, 37, 213-225.	4.3	119
22	A practical eco-environmental distribution network planning model including fuel cells and non-renewable distributed energy resources. Renewable Energy, 2011, 36, 179-188.	4.3	112
23	Multi-objective operation management of a multi-carrier energy system. Energy, 2015, 88, 430-442.	4.5	88
24	A Transmission Planning Framework Considering Future Generation Expansions in Electricity Markets. IEEE Transactions on Power Systems, 2010, 25, 1987-1995.	4.6	84
25	Stochastic multi-objective optimization of combined heat and power economic/emission dispatch. Energy, 2017, 141, 1892-1904.	4.5	81
26	A Chance Constrained Programming Approach to the Integrated Planning of Electric Power Generation, Natural Gas Network and Storage. IEEE Transactions on Power Systems, 2018, 33, 6883-6893.	4.6	75
27	Classification of Future Electricity Market Prices. IEEE Transactions on Power Systems, 2011, 26, 165-173.	4.6	74
28	Electricity Price Forecasting for Operational Scheduling of Behind-the-Meter Storage Systems. IEEE Transactions on Smart Grid, 2018, 9, 6612-6622.	6.2	72
29	Economic Impact of Electricity Market Price Forecasting Errors: A Demand-Side Analysis. IEEE Transactions on Power Systems, 2010, 25, 254-262.	4.6	70
30	Effects of district heating networks on optimal energy flow of multi-carrier systems. Renewable and Sustainable Energy Reviews, 2016, 59, 379-387.	8.2	67
31	Data Mining for Electricity Price Classification and the Application to Demand-Side Management. IEEE Transactions on Smart Grid, 2012, 3, 808-817.	6.2	66
32	Long-Term Scheduling of Battery Storage Systems in Energy and Regulation Markets Considering Battery's Lifespan. IEEE Transactions on Smart Grid, 2018, 9, 6840-6849.	6.2	66
33	Multiagent Reinforcement Learning for Energy Management in Residential Buildings. IEEE Transactions on Industrial Informatics, 2021, 17, 659-666.	7.2	66
34	Study of forecasting renewable energies in smart grids using linear predictive filters and neural networks. IET Renewable Power Generation, 2011, 5, 470.	1.7	59
35	Risk-Constrained Bidding and Offering Strategy for a Merchant Compressed Air Energy Storage Plant. IEEE Transactions on Power Systems, 2016, , 1-1.	4.6	58
36	A new algorithm for combined heat and power dynamic economic dispatch considering valve-point effects. Energy, 2013, 52, 320-332.	4.5	55

#	ARTICLE	IF	CITATIONS
37	Forecasting aggregated wind power production of multiple wind farms using hybrid wavelet-PSO-NNs. International Journal of Energy Research, 2014, 38, 1654-1666.	2.2	54
38	Solution of Optimal Power Flow Subject to Security Constraints by a New Improved Bacterial Foraging Method. IEEE Transactions on Power Systems, 2012, 27, 1311-1323.	4.6	53
39	A statistical unsupervised method against false data injection attacks: A visualization-based approach. Expert Systems With Applications, 2017, 84, 242-261.	4.4	53
40	Wind power ramp events classification and forecasting: A data mining approach. , 2011, , .		50
41	A chance constrained programming approach to integrated planning of distributed power generation and natural gas network. Electric Power Systems Research, 2017, 151, 197-207.	2.1	49
42	A Zero-Free Event-Triggered Secondary Control for AC Microgrids. IEEE Transactions on Smart Grid, 2020, 11, 1905-1916.	6.2	45
43	Considering Thermodynamic Characteristics of a CAES Facility in Self-Scheduling in Energy and Reserve Markets. IEEE Transactions on Smart Grid, 2018, 9, 3476-3485.	6.2	44
44	Reliability Modeling of Dynamic Thermal Rating. IEEE Transactions on Power Delivery, 2013, 28, 1600-1609.	2.9	43
45	Impacts of Large-Scale Integration of Intermittent Resources on Electricity Markets: A Supply Function Equilibrium Approach. IEEE Systems Journal, 2012, 6, 220-232.	2.9	42
46	Developing Bidding and Offering Curves of a Price-Maker Energy Storage Facility Based on Robust Optimization. IEEE Transactions on Smart Grid, 2019, 10, 650-660.	6.2	42
47	Data centres in the ancillary services market. , 2012, , .		40
48	The Operation of Ontario's Competitive Electricity Market: Overview, Experiences, and Lessons. IEEE Transactions on Power Systems, 2007, 22, 1782-1793.	4.6	38
49	Fuzzy load flow in balanced and unbalanced radial distribution systems incorporating composite load model. International Journal of Electrical Power and Energy Systems, 2010, 32, 17-23.	3.3	37
50	Effects of external wind breakers of Heller dry cooling system in power plants. Applied Thermal Engineering, 2018, 129, 1124-1134.	3.0	37
51	Energy-Storage Modeling: State-of-the-Art and Future Research Directions. IEEE Transactions on Power Systems, 2022, 37, 860-875.	4.6	37
52	Impacts of Ramping Inflexibility of Conventional Generators on Strategic Operation of Energy Storage Facilities. IEEE Transactions on Smart Grid, 2018, 9, 1334-1344.	6.2	35
53	A Robust Linear Approach for Offering Strategy of a Hybrid Electric Energy Company. IEEE Transactions on Power Systems, 2017, 32, 1949-1959.	4.6	34
54	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.	5.9	34

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55	Integrated planning of natural gas and electric power systems. International Journal of Electrical Power and Energy Systems, 2018, 103, 593-602.	3.3	34
56	A new hybrid iterative method for short-term wind speed forecasting. European Transactions on Electrical Power, 2011, 21, 581-595.	1.0	33
57	Probabilistic energy flow for multi-carrier energy systems. Renewable and Sustainable Energy Reviews, 2018, 94, 989-997.	8.2	33
58	Transient Stability of Power Grids Comprising Wind Turbines: New Formulation, Implementation, and Application in Real-Time Assessment. IEEE Systems Journal, 2019, 13, 894-905.	2.9	33
59	Intelligent Energy Management and Multi-Objective Power Distribution Control in Hybrid Micro-grids based on the Advanced Fuzzy-PSO Method. ISA Transactions, 2021, 112, 199-213.	3.1	33
60	Fuzzy-TLBO optimal reactive power control variables planning for energy loss minimization. Energy Conversion and Management, 2014, 77, 208-215.	4.4	32
61	The Value of Intra-Day Markets in Power Systems With High Wind Power Penetration. IEEE Transactions on Power Systems, 2014, 29, 1121-1132.	4.6	32
62	Considering cost and reliability in electrical and thermal distribution networks reinforcement planning. Energy, 2015, 84, 25-35.	4.5	31
63	A sequential planning approach for Distributed generation and natural gas networks. Energy, 2017, 127, 428-437.	4.5	31
64	Probabilistic energy consumption analysis in buildings using point estimate method. Energy, 2018, 142, 716-722.	4.5	31
65	A New Stochastic Search Technique Combined With Scenario Approach for Dynamic State Estimation of Power Systems. IEEE Transactions on Power Systems, 2012, 27, 2093-2105.	4.6	30
66	Fuzzy power flow analysis. Electric Power Systems Research, 1994, 29, 105-109.	2.1	27
67	A new coordinated approach to state estimation in integrated power systems. International Journal of Electrical Power and Energy Systems, 2013, 45, 152-158.	3.3	27
68	A Novel Method Mixed Power Flow in Transmission and Distribution Systems by Using Master-Slave Splitting Method. Electric Power Components and Systems, 2008, 36, 1141-1149.	1.0	26
69	Energy expansion planning by considering electrical and thermal expansion simultaneously. Energy Conversion and Management, 2014, 83, 9-18.	4.4	26
70	Simultaneous Integrated stochastic electrical and thermal energy expansion planning. IET Generation, Transmission and Distribution, 2014, 8, 1017-1027.	1.4	26
71	Unified electrical and thermal energy expansion planning with considering network reconfiguration. IET Generation, Transmission and Distribution, 2015, 9, 592-601.	1.4	26
72	Spring search algorithm: A new meta-heuristic optimization algorithm inspired by Hooke's law. , 2017, , .		26

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73	Probabilistic Optimal Dynamic Planning of Onsite Solar Generation for Residential Energy Hubs. IEEE Systems Journal, 2020, 14, 832-841.	2.9	26
74	Benefits of Strategically Sizing Wind-Integrated Energy Storage and Transmission. IEEE Transactions on Power Systems, 2021, 36, 1141-1151.	4.6	26
75	Descriptive Models for Reserve and Regulation Prices in Competitive Electricity Markets. IEEE Transactions on Smart Grid, 2014, 5, 471-479.	6.2	25
76	Sensitivity-based approach for real-time evaluation of transient stability of wind turbines interconnected to power grids. IET Renewable Power Generation, 2018, 12, 668-679.	1.7	25
77	The Generalized Cross-Entropy Method in Probabilistic Optimal Power Flow. IEEE Transactions on Power Systems, 2018, 33, 5738-5748.	4.6	24
78	Optimal design of reward-penalty demand response programs in smart power grids. Sustainable Cities and Society, 2020, 60, 102150.	5.1	24
79	Multi-objective optimal operation of integrated thermal-natural gas-electrical energy distribution systems. Applied Thermal Engineering, 2020, 181, 115951.	3.0	23
80	An efficient multilevel interconnect control algorithm in AC/DC micro-grids using hybrid energy storage system. Electric Power Systems Research, 2021, 191, 106869.	2.1	23
81	Half-cycle method for exponentially DC components elimination applicable in phasor estimation. IET Science, Measurement and Technology, 2017, 11, 1032-1042.	0.9	22
82	A real option assessment of flexibilities in the integrated planning of natural gas distribution network and distributed natural gas-fired power generations. Energy, 2018, 143, 257-272.	4.5	22
83	Optimal energy flow in integrated energy distribution systems considering unbalanced operation of power distribution systems. International Journal of Electrical Power and Energy Systems, 2020, 121, 106132.	3.3	22
84	A Chance-Constrained Optimization Approach for Control of Transmission Voltages. IEEE Transactions on Power Systems, 2012, 27, 1568-1576.	4.6	21
85	Analytical discrete Fourier transformer-based phasor estimation method for reducing transient impact of capacitor voltage transformer. IET Generation, Transmission and Distribution, 2017, 11, 2324-2332.	1.4	21
86	Intelligent hierarchical energy and power management to control the voltage and frequency of micro-grids based on power uncertainties and communication latency. Electric Power Systems Research, 2022, 202, 107567.	2.1	21
87	PLANNING OF ENERGY CARRIERS BASED ON FINAL ENERGY CONSUMPTION USING DYNAMIC PROGRAMMING AND PARTICLE SWARM OPTIMIZATION. Electrical Engineering & Electromechanics, 2018, ,	0.4	21
88	Fast and Perfect Damping Circuit for Ferroresonance Phenomena in Coupling Capacitor Voltage Transformers. Electric Power Components and Systems, 2009, 37, 393-402.	1.0	20
89	Stochastic security-constrained joint market clearing for energy and reserves auctions considering uncertainties of wind power producers and unreliable equipment. International Transactions on Electrical Energy Systems, 2013, 23, 451-472.	1.2	20
90	Resiliency-Oriented Planning of Transmission Systems and Distributed Energy Resources. IEEE Transactions on Power Systems, 2021, 36, 4114-4125.	4.6	20

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91	Framework for current transformer saturation detection and waveform reconstruction. IET Generation, Transmission and Distribution, 2018, 12, 3167-3176.	1.4	19
92	An Optimal Load Shedding Approach for Distribution Networks with DGs Considering Capacity Deficiency Modelling of Bulk Power Supply. Modern Applied Science, 2009, 3, .	0.4	18
93	Medium-term electricity price forecasting. , 2012, , .		18
94	Adaptive self-tuning PID fuzzy sliding mode control for mitigating power system oscillations. Neurocomputing, 2016, 218, 146-153.	3.5	18
95	Environmental benefits of plug-in hybrid electric vehicles: The case of Alberta. , 2009, , .		17
96	Line loss reduction and voltage profile improvement in radial distribution networks using battery energy storage system. , 2017, , .		17
97	Hybrid approach for immunisation of DFT-based phasor estimation method against decaying DC components. IET Science, Measurement and Technology, 2019, 13, 238-246.	0.9	17
98	A hybrid optimization approach for distribution capacitor allocation considering varying load conditions. International Journal of Electrical Power and Energy Systems, 2009, 31, 589-595.	3.3	16
99	Stochastic self-scheduling of generation companies in day-ahead multi-auction electricity markets considering uncertainty of units and electricity market prices. IET Generation, Transmission and Distribution, 2013, 7, 735-744.	1.4	16
100	Day-Ahead Financial Loss/Gain Modeling and Prediction for a Generation Company. IEEE Transactions on Power Systems, 2017, 32, 3360-3372.	4.6	16
101	Fuzzy-PSS and fuzzy neural network non-linear PI controller-based SSSC for damping inter-area oscillations. Transactions of the Institute of Measurement and Control, 2018, 40, 733-745.	1.1	16
102	Optimal Reactive Power Control in Hybrid Power Systems. Electric Power Components and Systems, 2012, 40, 741-758.	1.0	15
103	Stochastic reactive power dispatch in hybrid power system with intermittent wind power generation. Energy, 2015, 89, 511-518.	4.5	15
104	Flexibility from Electric Boiler and Thermal Storage for Multi Energy System Interaction. Energies, 2020, 13, 98.	1.6	14
105	Medium-term electricity market price forecasting: A data-driven approach. , 2010, , .		13
106	A nonlinear-hybrid fuzzy/probabilistic load flow for radial distribution systems. International Journal of Electrical Power and Energy Systems, 2013, 47, 69-77.	3.3	13
107	A new hybrid stochastic-robust optimization approach for self-scheduling of generation companies. International Transactions on Electrical Energy Systems, 2016, 26, 1244-1259.	1.2	13
108	Calculating probability density function of critical clearing time: Novel Formulation, implementation and application in probabilistic transient stability assessment. International Journal of Electrical Power and Energy Systems, 2018, 103, 622-633.	3.3	13

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109	Microgrid energy management: how uncertainty modelling impacts economic performance. IET Generation, Transmission and Distribution, 2019, 13, 5504-5510.	1.4	13
110	Planning, operation and flexibility contribution of multi-carrier energy storage systems in integrated energy systems. IET Renewable Power Generation, 2020, 14, 408-416.	1.7	13
111	Comprehensive aging assessment of pitch systems combining SCADA and failure data. IET Renewable Power Generation, 2022, 16, 198-210.	1.7	13
112	Holomorphic embedding load flow for unbalanced radial distribution networks with DFIG and tap-changer modelling. IET Generation, Transmission and Distribution, 2019, 13, 4263-4273.	1.4	12
113	Plug-in Electric Vehicle Optimization and Management Charging in a Smart Parking Lot. , 2019, , .		12
114	Dynamic analysis of induction motors with saturable inductances. Electric Power Systems Research, 1995, 34, 205-210.	2.1	11
115	Optimum simultaneous clearing of energy and spinning reserve markets using cost/benefit analysis. , 2008, , .		11
116	Fuzzy reactive power optimization in hybrid power systems. International Journal of Electrical Power and Energy Systems, 2012, 42, 375-383.	3.3	11
117	Bidding strategy for an energy storage facility. , 2016, , .		11
118	Developing a two-step method to implement residential demand response programmes in multi-carrier energy systems. IET Generation, Transmission and Distribution, 2018, 12, 2614-2623.	1.4	11
119	Auxiliary Prony-based algorithm for performance improvement of DFT phasor estimator against transient of CCVT. IET Science, Measurement and Technology, 2019, 13, 708-714.	0.9	11
120	Dynamic Model and Small Signal Analysis of Z-Source Inverter. IETE Journal of Research, 2019, 65, 342-350.	1.8	11
121	Stochastic Optimal Power Flow in Hybrid Power System Using Reduced-Discrete Point Estimation Method and Latin Hypercube Sampling. Canadian Journal of Electrical and Computer Engineering, 2022, 45, 63-67.	1.5	11
122	Distributed reinforcement learning energy management approach in multiple residential energy hubs. Sustainable Energy, Grids and Networks, 2022, 32, 100795.	2.3	11
123	On comparison of two strategies in net demand forecasting using Wavelet Neural Network. , 2014, , .		10
124	Integrated planning of Natural Gas and electricity distribution networks with the presence of distributed natural gas fired generators. , 2016, , .		10
125	BSSA: Binary spring search algorithm. , 2017, , .		10
126	A Dynamic Voltage Restorer based on Matrix Converter with Fuzzy Controller. Advances in Electrical and Electronic Engineering, 2012, 10, .	0.2	10

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127	Designing a self-constructing fuzzy neural network controller for damping power system oscillations. <i>Fuzzy Sets and Systems</i> , 2019, 356, 63-76.	1.6	9
128	Contribution management of lead-acid battery, Li-ion battery, and supercapacitor to handle different functions in EVs. <i>International Transactions on Electrical Energy Systems</i> , 2020, 30, e12155.	1.2	9
129	Wind Turbine Power Curve Modelling with Logistic Functions Based on Quantile Regression. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3048.	1.3	9
130	Sensitivity-Based Method for the Effective Location of SSSC. <i>Journal of Power Electronics</i> , 2011, 11, 90-96.	0.9	9
131	An intelligent tutoring system for a power plant simulator. <i>Electric Power Systems Research</i> , 2002, 62, 161-171.	2.1	8
132	Application of generalised cross-entropy method in probabilistic power flow. <i>IET Generation, Transmission and Distribution</i> , 2018, 12, 2745-2754.	1.4	8
133	An enhanced approach for probabilistic evaluation of transient stability. <i>International Journal of Electrical Power and Energy Systems</i> , 2020, 120, 106055.	3.3	8
134	Application of Constriction Factor Particle Swarm Optimization to Optimum Load Shedding in Power System. <i>Modern Applied Science</i> , 2010, 4, .	0.4	7
135	Comparative Studies of Different Control Strategies of a Dynamic Voltage Restorer Based on Matrix Converter. <i>Advances in Power Electronics</i> , 2012, 2012, 1-9.	0.8	7
136	Minimizing the undesirable effect of coupling capacitor voltage transformer on DFT-based phasor estimation method. <i>International Transactions on Electrical Energy Systems</i> , 2019, 29, e2672.	1.2	7
137	A Shape-Based Clustering Framework for Time Aggregation in the Presence of Variable Generation and Energy Storage. <i>IEEE Open Access Journal of Power and Energy</i> , 2021, 8, 448-459.	2.5	7
138	Fuzzy optimal reactive power control. <i>Electric Power Systems Research</i> , 1994, 30, 47-55.	2.1	6
139	Linearized Power Flow Equations Based Predictive Control of Transmission Voltages. , 2013, , .		6
140	Centralized home energy management in multi-carrier energy frameworks. , 2015, , .		6
141	Optimal integration of multiple wind farms into bulk electric system considering wind speed correlation uncertainties. <i>International Transactions on Electrical Energy Systems</i> , 2016, 26, 1085-1102.	1.2	6
142	The demand side management program considering AC/DC hybrid distribution system concept based on the energy hub. , 2016, , .		6
143	Event-triggered voltage control of inverter-based microgrids. , 2018, , .		6
144	Enhanced sensitivity-based decentralised framework for real-time transient stability assessment in bulk power grids with renewable energy resources. <i>IET Generation, Transmission and Distribution</i> , 2020, 14, 665-674.	1.4	6

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145	An Effective Multi-Solution Approach for Power System Islanding. IEEE Access, 2020, 8, 93200-93210.	2.6	6
146	A New Hybrid Optimization Method for Optimum Distribution Capacitor Planning. Modern Applied Science, 2009, 3, .	0.4	5
147	Impacts of Ramp Rate Limits on Oligopolistic Opportunities in Electricity Markets. IEEE Systems Journal, 2016, 10, 127-135.	2.9	5
148	Electricity market price forecasting in a price-responsive smart grid environment. , 2010, , .		4
149	Optimal voltage control and loss reduction in microgrid by active and reactive power generation. Journal of Intelligent and Fuzzy Systems, 2014, 27, 1649-1658.	0.8	4
150	Estimating the Price Impact of Proposed Wind Farms in Competitive Electricity Markets. IEEE Transactions on Sustainable Energy, 2017, 8, 291-303.	5.9	4
151	Main and auxiliary parts of battery storage, aimed to fast charging of electrical vehicles. , 2018, , .		4
152	Probabilistic analysis of currentâ€transformer dimensioning: A criterion for determining the level of exposure to saturation. International Transactions on Electrical Energy Systems, 2019, 29, e2786.	1.2	4
153	An advanced strategy for wind speed forecasting using expert 2-D FIR filters. Advances in Electrical and Computer Engineering, 2010, 10, 103-110.	0.5	4
154	Distributed Two-Level Energy Scheduling of Networked Regional Integrated Energy Systems. IEEE Systems Journal, 2022, 16, 5433-5444.	2.9	4
155	Integrated optimization of multi-carrier energy systems: Water-energy nexus case. Energy, 2022, 257, 124764.	4.5	4
156	Harmonic reduction in TCR and TSC using Artificial Neural Network. , 2009, , .		3
157	Big Data Analytics for Modelling the Impact of Wind Power Generation on Competitive Electricity Market Prices. , 2016, , .		3
158	Solar Power Capacity Value Evaluation-A Review. , 2018, , .		3
159	Distinguishing between Fault and Inrush Current in Presence of the CT Saturation: a New Method Based on Gravity Center in Time. , 2019, , .		3
160	Transmission planning in deregulated markets considering GenCos' strategic behavior. , 2008, , .		2
161	Time averaging and threshold effect on statistics of residential power consumption. , 2011, , .		2
162	Electricity price thresholding and classification. , 2011, , .		2

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163	Adaptive control of DC link voltage of PWM VSC rectifier under unbalanced voltage source and uncertain parameters. , 2011, , .		2
164	Real time voltage stabilization in microgrid. Archives of Electrical Engineering, 2014, 63, 273-293.	1.0	2
165	A Data-Driven Method to Detect the Abnormal Instances in an Electricity Market. , 2015, , .		2
166	Economic Assessment of Energy Storage Systems in Alberta's Energy and Operating Reserve Markets. , 2018, , .		2
167	Enhancing Immunity of Full-Cycle Discrete Fourier Transform Against Decaying DC Components: a Comparative Analysis. , 2019, , .		2
168	The Impact of CLOD Load Model Parameters on Dynamic Simulation of Large Power Systems. , 2019, , .		2
169	Probabilistic Energy Efficiency Analysis in Buildings Using Statistical Methods. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2020, 44, 1133-1145.	1.5	2
170	Mathematical Analysis on Pulse Width Modulated Switching Functions of Matrix Converter. Trends in Applied Sciences Research, 2012, 7, 706-723.	0.4	2
171	Optimal Meter Placement by Reconciliation Conventional Measurements and Phasor Measurement Units (PMUs). Journal of Modern Applied Statistical Methods, 2010, 9, 296-303.	0.2	2
172	Smart grid: An intelligent way to empower energy choices. , 2010, , .		1
173	Comparative Studies of Different Switching Patterns for Direct and Indirect Space Vector Modulated Matrix Converter. Advances in Power Electronics, 2012, 2012, 1-8.	0.8	1
174	Enhanced expression and purification of anti-VEGF nanobody in cucurbit plants. Journal of Plant Biochemistry and Biotechnology, 2019, 28, 263-270.	0.9	1
175	Triangular and Trapezoidal Fuzzy State Estimation with Uncertainty on Measurements. Advances in Electrical and Electronic Engineering, 2012, 10, .	0.2	1
176	Modeling and Simulation of the Series Connected Matrix Converter in Newton Power Flow. Trends in Applied Sciences Research, 2012, 7, 636-650.	0.4	1
177	Development of a hybrid simulator of a fossil fuel steam power plant. , 2003, , .		1
178	A New Reinforcement Learning Optimization Method for Capacitor Allocation Considering Variable Load. Trends in Applied Sciences Research, 2012, 7, 210-220.	0.4	1
179	Reactive power planning in distribution systems using a reinforcement learning method. , 2007, , .		0
180	An overview of the operation of the Alberta electricity market. , 2010, , .		0

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181	Investigation of enabling wind generations employing plug-in hybrid electric vehicles. , 2012, , .		0
182	Corrections to "Impacts of Strategic Bidding of Wind Power Producers on Electricity Markets"[Nov 16 4544-4553]. IEEE Transactions on Power Systems, 2017, 32, 2489-2489.	4.6	0
183	NG tank contribution in the integrated energy networks. Electronics Letters, 2019, 55, 1299-1301.	0.5	0
184	Comparison between Different Control Strategies of a Z-Source Inverter Based Dynamic Voltage Restorer. Advances in Electrical and Electronic Engineering, 2013, 11, .	0.2	0
185	Comparison of VSC and Z-Source Converter: Power System Application Approach. Advances in Electrical and Electronic Engineering, 2017, 15, .	0.2	0