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List of Publications by Year in descending order

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198
papers

3,390
citations

172207

29
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197535

49
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199
all docs

199
docs citations

199
times ranked

2693
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of Transfer Characteristics for the Broadband Power Line Communication Channel. IEEE Transactions on Power Delivery, 2004, 19, 1057-1064.	2.9	254
2	Determination of Short-Term Power Dispatch Schedule for a Wind Farm Incorporated With Dual-Battery Energy Storage Scheme. IEEE Transactions on Sustainable Energy, 2012, 3, 74-84.	5.9	125
3	Optimal flexible AC transmission systems (FACTS) devices allocation. International Journal of Electrical Power and Energy Systems, 1997, 19, 125-134.	3.3	116
4	A Statistical Approach to the Design of a Dispatchable Wind Power-Battery Energy Storage System. IEEE Transactions on Energy Conversion, 2009, 24, 916-925.	3.7	102
5	Optimal sizing of a wind-photovoltaic-battery hybrid renewable energy system considering socio-demographic factors. Solar Energy, 2016, 136, 525-532.	2.9	99
6	Adaptive control design for VSC-HVDC systems based on backstepping method. Electric Power Systems Research, 2007, 77, 559-565.	2.1	89
7	Modelling of large-scale electric vehicles charging demand: A New Zealand case study. Electric Power Systems Research, 2019, 167, 171-182.	2.1	83
8	Hourly global solar irradiation forecasting for New Zealand. Solar Energy, 2015, 122, 1398-1408.	2.9	82
9	Review of Electric Vehicle Technologies, Charging Methods, Standards and Optimization Techniques. Electronics (Switzerland), 2021, 10, 1910.	1.8	80
10	The role of inertia for grid flexibility under high penetration of variable renewables - A review of challenges and solutions. Renewable and Sustainable Energy Reviews, 2021, 147, 111223.	8.2	79
11	Integration of Electric Vehicles in the Distribution Network: A Review of PV Based Electric Vehicle Modelling. Energies, 2020, 13, 4541.	1.6	76
12	Application of the Shapley Value on transmission cost allocation in the competitive power market environment. IET Generation, Transmission and Distribution, 2002, 149, 15.	1.1	75
13	Characterization and modeling of in-building power lines for high-speed data transmission. IEEE Transactions on Power Delivery, 2003, 18, 69-77.	2.9	70
14	Review of prospects for adoption of fuel cell electric vehicles in New Zealand. IET Electrical Systems in Transportation, 2017, 7, 259-266.	1.5	69
15	Building Information Modelling for Smart Built Environments. Buildings, 2015, 5, 100-115.	1.4	66
16	Medium Term Power Planning With Bilateral Contracts. IEEE Transactions on Power Systems, 2005, 20, 627-633.	4.6	61
17	ANN based pattern classification of synchronous generator stability and loss of excitation. IEEE Transactions on Energy Conversion, 1994, 9, 753-759.	3.7	56
18	A transmission line model for high-frequency power line communication channel. , 0, , .		52

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19	The electric vehicle: a review. International Journal of Electric and Hybrid Vehicles, 2017, 9, 49.	0.2	52
20	Event-Detection Algorithms for Low Sampling Nonintrusive Load Monitoring Systems Based on Low Complexity Statistical Features. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 751-759.	2.4	50
21	A nonlinear control for enhancing HVDC light transmission system stability. International Journal of Electrical Power and Energy Systems, 2007, 29, 565-570.	3.3	46
22	System Voltage Sag Performance Estimation. IEEE Transactions on Power Delivery, 2005, 20, 1738-1747.	2.9	41
23	Control strategy for dynamic voltage restorers to achieve minimum power injection without introducing sudden phase shift. IET Generation, Transmission and Distribution, 2007, 1, 847.	1.4	39
24	Configure Methodology of Onboard Supercapacitor Array for Recycling Regenerative Braking Energy of URT Vehicles. IEEE Transactions on Industry Applications, 2013, 49, 1678-1686.	3.3	38
25	Dynamic Event Detection Using a Distributed Feature Selection Based Machine Learning Approach in a Self-Healing Microgrid. IEEE Transactions on Power Systems, 2018, 33, 4706-4718.	4.6	35
26	H ∞ -controllers for linearised time-delay power systems. IET Generation, Transmission and Distribution, 2000, 147, 401.	1.1	32
27	Experimental study on the external electrical thermal and dynamic power characteristics of alkaline water electrolyzer. International Journal of Energy Research, 2018, 42, 3244-3257.	2.2	32
28	Design of a hybrid energy management system using designed rule-based control strategy and genetic algorithm for the series-parallel plug-in hybrid electric vehicle. International Journal of Energy Research, 2021, 45, 1627-1644.	2.2	32
29	Basic control of interline power flow controller. , 0, , .		31
30	An Empirical Method of Dynamic Oligopoly Behavior Analysis in Electricity Markets. IEEE Transactions on Power Systems, 2006, 21, 499-506.	4.6	31
31	Feasibility assessment of grid-tied rooftop solar photovoltaic systems for industrial sector application in Uganda. Sustainable Energy Technologies and Assessments, 2019, 32, 83-91.	1.7	31
32	Plug-In Electric Bus Depot Charging with PV and ESS and Their Impact on LV Feeder. Energies, 2020, 13, 2139.	1.6	31
33	Developing offshore wind farm siting criteria by using an international Delphi method. Energy Policy, 2018, 113, 53-67.	4.2	30
34	A rolling horizon scheduling of aggregated electric vehicles charging under the electricity exchange market. Applied Energy, 2020, 275, 115406.	5.1	30
35	Allocation of transmission loss cost using cooperative game theory in the context of open transmission access. , 0, , .		26
36	Integration of Electric Vehicles in Distribution Network Considering Dynamic Power Imbalance Issue. IEEE Transactions on Industry Applications, 2020, 56, 5913-5923.	3.3	26

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37	Data-driven inertia estimation based on frequency gradient for power systems with high penetration of renewable energy sources. <i>Electric Power Systems Research</i> , 2021, 195, 107171.	2.1	25
38	Transactive Energy Management of PV-Based EV Integrated Parking Lots. <i>IEEE Systems Journal</i> , 2021, 15, 5674-5682.	2.9	25
39	Method of identifying weak transmission network stability boundaries. <i>IEEE Transactions on Power Systems</i> , 1993, 8, 293-301.	4.6	24
40	The electric vehicle: a review. <i>International Journal of Electric and Hybrid Vehicles</i> , 2017, 9, 49.	0.2	24
41	Design and application of a fuzzy logic control scheme for transient stability enhancement in power systems. <i>Electric Power Systems Research</i> , 1995, 33, 17-23.	2.1	23
42	Application of an NLPID controller on a UPFC to improve transient stability of a power system. <i>IET Generation, Transmission and Distribution</i> , 2001, 148, 523.	1.1	22
43	Implementation of coordinated multiple facts controllers for damping oscillations. <i>International Journal of Electrical Power and Energy Systems</i> , 2000, 22, 79-92.	3.3	21
44	Opportunities for Software-Defined Networking in Smart Grid. , 2013, , .		21
45	Price-based unit commitment for bidding under price uncertainty. <i>IET Generation, Transmission and Distribution</i> , 2007, 1, 663.	1.4	20
46	Optimized power dispatch for solar photovoltaic-storage system with multiple buildings in bilateral contracts. <i>Applied Energy</i> , 2020, 273, 115253.	5.1	20
47	Consistent parameter estimation of systems disturbed by correlated noise. <i>IET Control Theory and Applications</i> , 1997, 144, 40-44.	1.7	19
48	A machine learning based optimized energy dispatching scheme for restoring a hybrid microgrid. <i>Electric Power Systems Research</i> , 2018, 155, 206-215.	2.1	19
49	Enhancement of power system damping using VSC-based series connected FACTS controllers. <i>IET Generation, Transmission and Distribution</i> , 2003, 150, 353.	1.1	18
50	Estimating economic impact of voltage sags. , 0, , .		17
51	Damping of power system oscillations using SSSC in real-time implementation. <i>International Journal of Electrical Power and Energy Systems</i> , 2004, 26, 357-364.	3.3	17
52	Wind Speed Forecasting Using Hybrid Wavelet Transform”ARMA Techniques. <i>AIMS Energy</i> , 2015, 3, 13-24.	1.1	17
53	Control Strategies of DC Microgrids Cluster: A Comprehensive Review. <i>Energies</i> , 2021, 14, 7569.	1.6	17
54	A neuro-fuzzy hybrid power system stabilizer. <i>Electric Power Systems Research</i> , 1994, 30, 17-23.	2.1	16

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55	Design of state-feedback decentralized nonlinear H ∞ controllers in power systems. International Journal of Electrical Power and Energy Systems, 2002, 24, 601-610.	3.3	16
56	Decentralised nonlinear H ∞ control for stability enhancement in power systems. IET Generation, Transmission and Distribution, 1999, 146, 19.	1.1	15
57	Nonlinear co-ordinated excitation and TCPS controller for multimachine power system transient stability enhancement. IET Generation, Transmission and Distribution, 2001, 148, 133.	1.1	15
58	The Effects of Short-Circuit and Inrush Currents on HTS Transformer Windings. IEEE Transactions on Applied Superconductivity, 2012, 22, 5500108-5500108.	1.1	15
59	Application of dynamic thermal rating: Overhead line critical spans identification under weather dependent optimized sensor placement. Electric Power Systems Research, 2020, 180, 106125.	2.1	15
60	Computation of the Thermal Effects of Short Circuit Currents on HTS Transformer Windings. IEEE Transactions on Applied Superconductivity, 2012, 22, 5501211-5501211.	1.1	14
61	Low Complexity Non-Intrusive Load Disaggregation of Air Conditioning Unit and Electric Vehicle Charging. , 2019, , .		14
62	Comparative Evaluation of Machine Learning Models and Input Feature Space for Non-intrusive Load Monitoring. Journal of Modern Power Systems and Clean Energy, 2021, 9, 1161-1171.	3.3	14
63	A novel neuro-fuzzy based self-correcting online electric load forecasting model. Electric Power Systems Research, 1995, 34, 121-125.	2.1	13
64	Mathematical modeling and simulation for external electrothermal characteristics of an alkaline water electrolyzer. International Journal of Energy Research, 2018, 42, 3899-3914.	2.2	13
65	Structure design and control strategy of a new alkaline water electrolyzer based on heat exchange. International Journal of Energy Research, 2019, 43, 4729-4742.	2.2	13
66	Online inertia estimation for power systems with high penetration of RES using recursive parameters estimation. IET Renewable Power Generation, 2021, 15, 2571-2585.	1.7	13
67	Neural network based power system stabilizers. , 0, , .		12
68	Price based unit commitment for Gencos in deregulated markets. , 0, , .		12
69	Analytical Hybrid Particle Swarm Optimization Algorithm for Optimal Siting and Sizing of Distributed Generation in Smart Grid. Journal of Modern Power Systems and Clean Energy, 2020, 8, 1221-1230.	3.3	12
70	Investigation of viscous damping effect on the coupled dynamic response of a hybrid floating platform concept for offshore wind turbines. Ocean Engineering, 2021, 225, 108836.	1.9	12
71	Design and application of co-ordinated multiple FACTS controllers. IET Generation, Transmission and Distribution, 2000, 147, 112.	1.1	11
72	A distributed machine learning approach for the secondary voltage control of an Islanded micro-grid. , 2016, , .		11

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73	Assessment of community sustainable livelihoods capitals for the implementation of alternative energy technologies in Uganda â€” Africa. Renewable Energy, 2020, 160, 886-902.	4.3	11
74	An adaptive fuzzy logic power system stabilizer. Electric Power Systems Research, 1996, 38, 75-81.	2.1	10
75	A systematic approach for evaluating economic impact of voltage dips. Electric Power Systems Research, 2007, 77, 145-154.	2.1	10
76	Design of an efficiency improved dual-output DC-DC converter utilizing a supercapacitor circulation technique. , 2016, , .		10
77	Extending the Supercapacitor-Assisted Low-Dropout Regulator (SCALDO) Technique to a Split-Rail DCâ€”DC Converter Application. IEEE Access, 2019, 7, 124034-124047.	2.6	10
78	State of Charge Estimation of a Composite Lithium-Based Battery Model Based on an Improved Extended Kalman Filter Algorithm. Inventions, 2019, 4, 66.	1.3	10
79	Multi criteria analysis ranking of solar photovoltaic modules manufacturing countries by an importing country: A case of Uganda. Solar Energy, 2021, 223, 326-345.	2.9	10
80	A hybrid neuro-fuzzy power system stabilizer. , 0, , .		9
81	Profit based unit commitment in competitive markets. , 0, , .		9
82	Management of price uncertainty in short-term generation planning. IET Generation, Transmission and Distribution, 2008, 2, 491.	1.4	9
83	The impact of power curve estimation on commercial wind power forecasts â€” An empirical analysis. , 2017, , .		9
84	Low Complexity Event Detection Algorithm for Non- Intrusive Load Monitoring Systems. , 2018, , .		9
85	Distributed Machine Learning on Dynamic Power System Data Features to Improve Resiliency for the Purpose of Self-Healing. Energies, 2020, 13, 3494.	1.6	9
86	Store-on grid scheme model for grid-tied solar photovoltaic systems for industrial sector application: Benefits analysis. Renewable Energy, 2021, 171, 1257-1275.	4.3	9
87	Viability of the store-on Grid Scheme model for grid-tied rooftop solar photovoltaic systems in Sub-Saharan African countries. Renewable Energy, 2021, 178, 845-863.	4.3	9
88	Method of identifying the strategic placement for compensation devices. IEEE Transactions on Power Systems, 1995, 10, 1448-1453.	4.6	8
89	Enhancing power engineering education through the use of design modules. IEEE Transactions on Power Systems, 1996, 11, 1131-1138.	4.6	8
90	Decentralized Hâˆž control for power system stability enhancement. International Journal of Electrical Power and Energy Systems, 1998, 20, 453-464.	3.3	8

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91	Performance analysis of HTS transformer with fault current limiting properties on short circuit current. , 2011, , .		8
92	Management and Utilization of Urban Rail Transit Regenerative Braking Energy Based on the Bypass DC Loop. IEEE Transactions on Transportation Electrification, 2021, 7, 1699-1711.	5.3	8
93	A novel and cost-efficient energy management system for plug-in electric bus charging depot owners. Electric Power Systems Research, 2021, 199, 107413.	2.1	8
94	Heuristic Inertia Estimation Technique for Power Networks with High Penetration of RES. , 2020, , .		8
95	An Online Security Prediction and Control Framework for Modern Power Grids. Energies, 2021, 14, 6639.	1.6	8
96	Multi criteria analysis of alternative energy technologies based on their predicted impact on community sustainable livelihoods capitals: A case of Uganda. Renewable Energy, 2022, 182, 1103-1125.	4.3	8
97	Characterization of power distribution lines for high-speed data transmission. , 0, , .		7
98	Enhancement of power system transient stability using a nonlinear coordinated excitation and TCPS controller. International Journal of Electrical Power and Energy Systems, 2002, 24, 201-214.	3.3	7
99	An Event-Based Resource Management Framework for Distributed Decision-Making in Decentralized Virtual Power Plants. Energies, 2016, 9, 595.	1.6	7
100	Design concepts and preliminary implementations of dual output supercapacitor-assisted low-dropout regulators (DO-SCALDO). , 2016, , .		7
101	Non-steady state electro-thermally coupled weather-dependent power flow technique for a geographically-traversed overhead-line capacity improvement. Electric Power Systems Research, 2019, 177, 106017.	2.1	7
102	Non-Intrusive Load Monitoring of Residential Water-Heating Circuit Using Ensemble Machine Learning Techniques. Inventions, 2020, 5, 57.	1.3	7
103	Standalone electric vehicle charging station using an isolated bidirectional converter with snubber. Energy Storage, 2021, 3, e255.	2.3	7
104	Density-based clustering and probabilistic classification for integrated transmission-distribution network security state prediction. Electric Power Systems Research, 2022, 211, 108164.	2.1	7
105	Artificial neural network pattern classification of transient stability and loss of excitation for synchronous generators. Electric Power Systems Research, 1994, 30, 9-16.	2.1	6
106	Real-time coordinated optimal facts controllers. Electric Power Systems Research, 1999, 52, 273-286.	2.1	6
107	Improvement of power system dynamic performance with the magnitude and phase angle control of static phase shifter. Electric Power Systems Research, 2000, 55, 121-128.	2.1	6
108	Empirical dynamic oligopoly behavior analysis in electricity markets. , 0, , .		6

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109	Applications of VSC-based HVDC in power system stability enhancement. , 2005, , .		6
110	The impact of climate change on New Zealand's electricity demand. , 2010, , .		6
111	Wind speed forecasting using hybrid ANN-Kalman Filter techniques. , 2012, , .		6
112	Design Improvisation for Reduced Harmonic Distortion in a Flux Pump-Integrated HTS Generator. Energies, 2017, 10, 1344.	1.6	6
113	Applications of Non-Intrusive Load Monitoring Towards Smart and Sustainable Power Grids: A System Perspective. , 2019, , .		6
114	Modeling and continuous co-simulation of URT traction electric network-Trains with OESS. Simulation Modelling Practice and Theory, 2020, 98, 101986.	2.2	6
115	Store-on grid scheme model for grid-tied solar photovoltaic systems for industrial sector application: Costs analysis. Sustainable Energy Technologies and Assessments, 2020, 41, 100797.	1.7	6
116	STRONG CONTROLLABILITY AND OBSERVABILITY AND THEIR EFFECTS ON TRANSIENT STABILITY OF POWER SYSTEMS. Electric Power Components and Systems, 1995, 23, 627-645.	0.1	5
117	Development of a test bed for high-speed power line communications. , 0, , .		5
118	Consideration of DC capacitor and line inductance in the design of UPFC to improve transient stability. , 0, , .		5
119	Dynamic study of a battery change-over scheme of a windfarm containing dual BESS. , 2012, , .		5
120	Frequency control ancillary service provided by a wind farm: dual-BESS scheme. Journal of Modern Power Systems and Clean Energy, 2014, 2, 93-103.	3.3	5
121	Development of browne's arc model for HTS applications. , 2016, , .		5
122	An optimal reactive power dispatch (ORPD) for voltage security using particle swarm optimization (PSO) in graph theory. , 2016, , .		5
123	Relative electrode size and organic load effects on the energy storage efficiency of microbial electrolysis cells. Bioresource Technology Reports, 2020, 11, 100518.	1.5	5
124	Non-invasive load-shed authentication model for demand response applications assisted by event-based non-intrusive load monitoring. Energy and AI, 2021, 3, 100055.	5.8	5
125	Optimal compensation of variable series capacitors for improved economic dispatch in power systems. , 0, , .		4
126	AN ARTIFICIAL NEURAL NETWORK COORDINATED EXCITATION/GOVERNOR CONTROLLER FOR SYNCHRONOUS GENERATORS. Electric Power Components and Systems, 1997, 25, 1-14.	0.1	4

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127	A Conceptual View of Power Quality Regulation Using Market-Driven Mechanism. , 2006, , .		4
128	AC source vs DC source: Charging efficiency in battery storage systems for residential houses. , 2017, , .		4
129	An Artificial Intelligence-Driven Smart Home Towards Energy Efficiency: An Overview and Conceptual Model. , 2020, , .		4
130	Diffusion forecast for grid-tied rooftop solar photovoltaic technology under store-on grid scheme model in Sub-Saharan Africa: Government role assessment. Renewable Energy, 2021, 180, 516-535.	4.3	4
131	Non-Intrusive Load Monitoring: A Computationally Efficient Hybrid Event Detection Algorithm. , 2020, , .		4
132	Optimized Power Dispatch for Solar-Storage System and Electric Vehicles with Multiple Buildings in Bilateral Contracts. , 2021, , .		4
133	Optimal Coordinated Control Strategy of Clustered DC Microgrids under Load-Generation Uncertainties Based on GWO. Electronics (Switzerland), 2022, 11, 1244.	1.8	4
134	A neural network based short term load forecasting model. , 0, , .		3
135	A robust nonlinear power system stabilizer. , 0, , .		3
136	Component level cascade control of UPFC. , 0, , .		3
137	The Effect of the Thermal Storage Energy Loss Under the RTP System. Electric Power Components and Systems, 2001, 29, 915-926.	1.0	3
138	Design and application of a nonlinear coordinated excitation and TCPS controller in power systems. , 2001, , .		3
139	A new monitoring technique for the grounding grids. Open Engineering, 2014, 4, .	0.7	3
140	A Cost-Effective Electric Vehicle Charging Method Designed For Residential Homes with Renewable Energy. Open Engineering, 2015, 5, .	0.7	3
141	Wind speed forecasting using ANN, ARMA and AIC hybrid to ensure power grid reliability. , 2015, , .		3
142	FEM and performance analysis of 10 kW HTS generator with flux pump excitation. , 2016, , .		3
143	A unified approach to characterizing medium to low voltage powerline communication channels. , 2016, , .		3
144	The improvement of Rate of Rise of Recovery Voltage (RRRV) for an HTS breaker. , 2017, , .		3

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145	Optimal Sizing of PV, Battery Storage for Vavaâ€™u Island Distribution Network. , 2018, , .		3
146	Overview of Wind Parameters Sensing Methods and Framework of a Novel MCSPV Recombination Sensing Method for Wind Turbines. Energies, 2018, 11, 1747.	1.6	3
147	Analysis of Solar Cell Temperature Models used in Solar Photovoltaic Simulating Softwares. , 2019, , .		3
148	Maximum Utilization of Dynamic Rating Operated Distribution Transformer (DRoDT) with Battery Energy Storage System: Analysis on Impact from Battery Electric Vehicles Charging. Energies, 2020, 13, 3411.	1.6	3
149	Operationalization of a microbial electrolysis cell: The interaction of the primary factors for energy storage efficiency. Bioresource Technology, 2021, 326, 124788.	4.8	3
150	Application of demand response and smart battery electric vehicles charging for capacity utilization of the distribution transformer. , 2020, , .		3
151	Optimal Power Sharing in DC Microgrid Under Load and Generation Uncertainties Based on GWO Algorithm. , 2021, , .		3
152	Current Context and Research Trends in Linear DCâ€™DC Converters. Applied Sciences (Switzerland), 2022, 12, 4594.	1.3	3
153	Neural network pattern classifications of transient stability and loss of excitation for synchronous generators. , 0, , .		2
154	Design and Implementation of a Class of Robust H â€™ Control for Stability Enhancement in Power Systems. Electric Power Components and Systems, 2000, 28, 839-860.	0.1	2
155	Incorporation of static phase shifter in power systems using variable structure and state feedback control. , 2009, , .		2
156	Improving power system damping by utilizing VSC-HVDC. , 2012, , .		2
157	A Stochastic Game Model Applied to the Nordic Electricity Market. World Scientific Series in Finance, 2013, , 421-441.	0.1	2
158	Modelling and analysis of current and potential distribution paths for grounding devices. IET Generation, Transmission and Distribution, 2013, 7, 1229-1243.	1.4	2
159	Single-input, dual polarity, dual output DC-DC converter implementation based on the SCALDO technique. , 2017, , .		2
160	A feature based distributed machine learning for post fault restoration of a microgrid under different stochastic scenarios. , 2017, , .		2
161	Design of Stand Alone Photovoltaic System in Developing Countries: A Case Study of Kano, Nigeria. , 2018, , .		2
162	A Novel Simulation Model for analyzing the State of Charge of Electric Vehicle. , 2018, , .		2

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163	Energy Savings Using Direct Current (DC) from Photovoltaic (PV) System in a Residential Home. , 2019, , .		2
164	The effect of sociodemographic diversity of residential customers on the financial risk experienced in the retail electricity market. International Journal of Energy Research, 2020, 44, 11676-11690.	2.2	2
165	Design and application of decentralized nonlinear H/sub ∞ / control for stability enhancement in power systems. , 0, , .		1
166	Load forecast for customers under real time pricing systems. , 0, , .		1
167	Optimal dispatch in pool market with FACTS devices. , 0, , .		1
168	Flux pump for HTS rotating machinery applications. , 2015, , .		1
169	LED lighting as energy management tool through correlation analysis of daily electricity demand and supply curve. , 2016, , .		1
170	Maximizing photovoltaic array energy usage within a house using model predictive control. , 2017, , .		1
171	PMU based WAMC application in multi-modular HVDC based large scale solar system. , 2017, , .		1
172	Extensive Measurements to Define Boundary Conditions for Efficient AC and DC Residential Houses. , 2018, , .		1
173	Feasibility Study to Install a 1 MW Grid Connected Solar Plant in Wairoa-Mahia Peninsular, New Zealand. , 2019, , .		1
174	Dynamic Energy Scheduling for Virtual Power Plant with Prosumer Resources Using Game Theory. , 2019, , .		1
175	A generalized economic model for optimally selecting forecasted load profiles for measuring demand response in residential energy management system. International Journal of Energy Research, 2021, 45, 16262-16283.	2.2	1
176	Implementation of Snubber Circuits in a PV-Based Off-Grid Electric Vehicle Charging Station—Comparative Case Studies. Energies, 2021, 14, 5853.	1.6	1
177	Editorial to the Special Issue “AI Applications to Power Systems” Energies, 2021, 14, 5667.	1.6	1
178	The Impact Of Residential Energy Management Systems On Electricity Retail Portfolios. , 2020, , .		1
179	A model for evaluating the fire resistance of contour-protected steel columns. Structural Engineering and Mechanics, 2001, 12, 559-572.	1.0	1
180	AC and DC House Wiring Efficiency Estimations using Mathematical Modelling Approach. , 2021, , .		1

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181	Is Edge Computing the Answer for Smart Building Energy Management System?. , 2021, , .		1
182	Design and output power evaluation for a novel hybrid wave-wind energy converter. Ocean Engineering, 2022, 257, 111573.	1.9	1
183	A robust artificial neural network based speed/voltage regulator for synchronous generators. , 0, , .		0
184	AN ELASTIC NONLINEAR POWER SYSTEM STABILIZER. Electric Power Components and Systems, 1996, 24, 857-867.	0.1	0
185	Coordinated decentralized optimal control of inter-area oscillations in power systems. , 0, , .		0
186	A novel frequency-domain frame synchronization algorithm for digital communication systems. , 0, , .		0
187	A backstepping control to improve compensating performance for transformer-less dynamic voltage restorers. , 2008, , .		0
188	Decentralized H ∞ control for damping power system oscillations. Open Engineering, 2012, 2, .	0.7	0
189	Real power regulation design for multi-terminal VSC-HVDC systems. Open Engineering, 2013, 3, 243-252.	0.7	0
190	Safety parameters at an electric power plant in case of the grounding device' elements failures. , 2013, , .		0
191	Impact of efficient DC loads: LED lighting as equivalent to large power generation plant. , 2016, , .		0
192	Mitigation of residual flux for high-temperature superconductor (HTS) transformer by controlled switching of HTS breaker arc model. , 2017, , .		0
193	Arcing behaviour of a potential high-temperature superconductor (HTS) circuit breaker arc model. , 2018, , .		0
194	Operational Analysis of Dynamic Line Ratings. IOP Conference Series: Materials Science and Engineering, 2018, 366, 012070.	0.3	0
195	The effect of wind on the convective heat transfer from the floor of single-sided naturally ventilated cubical enclosures. Architectural Science Review, 2020, 63, 417-424.	1.1	0
196	SIZING OPTIMIZATION OF WIND-PHOTOVOLTAIC HYBRID ENERGY SYSTEMS UNDER TRANSIENT LOAD. International Journal of Power and Energy Systems, 2013, 33, .	0.2	0
197	Energy Management for EV Participation In Local Energy Markets. , 2022, , .		0
198	A Novel Generalised Model for Residential Energy Management System. Itinerarios De Trabajo Social, 2022, 1, 134-158.	0.2	0