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List of Publications by Year
in descending order

198 papers	3,390 citations	172207 29 h-index	197535 49 g-index
199 all docs	199 docs citations	199 times ranked	2693 citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Optimal Coordinated Control Strategy of Clustered DC Microgrids under Load-Generation Uncertainties Based on GWO. Electronics (Switzerland), 2022, 11, 1244.	1.8	4
3	Current Context and Research Trends in Linear DC–DC Converters. Applied Sciences (Switzerland), 2022, 12, 4594.	1.3	3
4	Design and output power evaluation for a novel hybrid wave-wind energy converter. Ocean Engineering, 2022, 257, 111573.	1.9	1
5	Density-based clustering and probabilistic classification for integrated transmission-distribution network security state prediction. Electric Power Systems Research, 2022, 211, 108164.	2.1	7
6	Energy Management for EV Participation In Local Energy Markets. , 2022, , .		0
7	A Novel Generalised Model for Residential Energy Management System. Itinerarios De Trabajo Social, 2022, 1, 134-158.	0.2	0
8	Design of a hybrid energy management system using designed <scp>rule–based</scp> 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
9	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
10	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
11	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
12	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
13	Operationalization of a microbial electrolysis cell: The interaction of the primary factors for energy storage efficiency. Bioresource Technology, 2021, 326, 124788.	4.8	3
14	Standalone electric vehicle charging station using an isolated bidirectional converter with snubber. Energy Storage, 2021, 3, e255.	2.3	7
15	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
16	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
17	Data-driven inertia estimation based on frequency gradient for power systems with high penetration of renewable energy sources. Electric Power Systems Research, 2021, 195, 107171.	2.1	25
18	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

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19	Review of Electric Vehicle Technologies, Charging Methods, Standards and Optimization Techniques. Electronics (Switzerland), 2021, 10, 1910.	1.8	80
20	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
21	Implementation of Snubber Circuits in a PV-Based Off-Grid Electric Vehicle Charging Stationâ€"Comparative Case Studies. Energies, 2021, 14, 5853.	1.6	1
22	Editorial to the Special Issue â€œAI Applications to Power Systemsâ€. Energies, 2021, 14, 5667.	1.6	1
23	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
24	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
25	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
26	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
27	An Online Security Prediction and Control Framework for Modern Power Grids. Energies, 2021, 14, 6639.	1.6	8
28	Transactive Energy Management of PV-Based EV Integrated Parking Lots. IEEE Systems Journal, 2021, 15, 5674-5682.	2.9	25
29	AC and DC House Wiring Efficiency Estimations using Mathematical Modelling Approach. , 2021, , .		1
30	Is Edge Computing the Answer for Smart Building Energy Management System?. , 2021, , .		1
31	Control Strategies of DC Microgrids Cluster: A Comprehensive Review. Energies, 2021, 14, 7569.	1.6	17
32	Optimized Power Dispatch for Solar-Storage System and Electric Vehicles with Multiple Buildings in Bilateral Contracts. , 2021, , .		4
33	Optimal Power Sharing in DC Microgrid Under Load and Generation Uncertainties Based on GWO Algorithm. , 2021, , .		3
34	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
35	Modeling and continuous co-simulation of URT traction electric network-Trains with OESS. Simulation Modelling Practice and Theory, 2020, 98, 101986.	2.2	6
36	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

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37	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
38	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
39	A rolling horizon scheduling of aggregated electric vehicles charging under the electricity exchange market. Applied Energy, 2020, 275, 115406.	5.1	30
40	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
41	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
42	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
43	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
44	Integration of Electric Vehicles in the Distribution Network: A Review of PV Based Electric Vehicle Modelling. Energies, 2020, 13, 4541.	1.6	76
45	An Artificial Intelligence-Driven Smart Home Towards Energy Efficiency: An Overview and Conceptual Model. , 2020, , .		4
46	Non-Intrusive Load Monitoring of Residential Water-Heating Circuit Using Ensemble Machine Learning Techniques. Inventions, 2020, 5, 57.	1.3	7
47	Optimized power dispatch for solar photovoltaic-storage system with multiple buildings in bilateral contracts. Applied Energy, 2020, 273, 115253.	5.1	20
48	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
49	Plug-In Electric Bus Depot Charging with PV and ESS and Their Impact on LV Feeder. Energies, 2020, 13, 2139.	1.6	31
50	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
51	Integration of Electric Vehicles in Distribution Network Considering Dynamic Power Imbalance Issue. IEEE Transactions on Industry Applications, 2020, 56, 5913-5923.	3.3	26
52	The Impact Of Residential Energy Management Systems On Electricity Retail Portfolios. , 2020, , .		1
53	Heuristic Inertia Estimation Technique for Power Networks with High Penetration of RES. , 2020, , .		8
54	Non-Intrusive Load Monitoring: A Computationally Efficient Hybrid Event Detection Algorithm. , 2020, , .		4

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55	Application of demand response and smart battery electric vehicles charging for capacity utilization of the distribution transformer. , 2020, , .		3
56	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
57	Feasibility Study to Install a 1 MW Grid Connected Solar Plant in Wairoa-Mahia Peninsular, New Zealand. , 2019, , .		1
58	Analysis of Solar Cell Temperature Models used in Solar Photovoltaic Simulating Softwares. , 2019, , .		3
59	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
60	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
61	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
62	Dynamic Energy Scheduling for Virtual Power Plant with Prosumer Resources Using Game Theory. , 2019, , .		1
63	Energy Savings Using Direct Current (DC) from Photovoltaic (PV) System in a Residential Home. , 2019, , .		2
64	Applications of Non-Intrusive Load Monitoring Towards Smart and Sustainable Power Grids: A System Perspective. , 2019, , .		6
65	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
66	Low Complexity Non-Intrusive Load Disaggregation of Air Conditioning Unit and Electric Vehicle Charging. , 2019, , .		14
67	Modelling of large-scale electric vehicles charging demand: A New Zealand case study. Electric Power Systems Research, 2019, 167, 171-182.	2.1	83
68	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
69	Developing offshore wind farm siting criteria by using an international Delphi method. Energy Policy, 2018, 113, 53-67.	4.2	30
70	Arcing behaviour of a potential high-temperature superconductor (HTS) circuit breaker arc model. , 2018, , .		0
71	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
72	A machine learning based optimized energy dispatching scheme for restoring a hybrid microgrid. Electric Power Systems Research, 2018, 155, 206-215.	2.1	19

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73	Optimal Sizing of PV, Battery Storage for Vava'u Island Distribution Network. , 2018, , .		3
74	Operational Analysis of Dynamic Line Ratings. IOP Conference Series: Materials Science and Engineering, 2018, 366, 012070.	0.3	0
75	Design of Stand Alone Photovoltaic System in Developing Countries: A Case Study of Kano, Nigeria. , 2018, , .		2
76	Low Complexity Event Detection Algorithm for Non- Intrusive Load Monitoring Systems. , 2018, , .		9
77	Extensive Measurements to Define Boundary Conditions for Efficient AC and DC Residential Houses. , 2018, , .		1
78	A Novel Simulation Model for analyzing the State of Charge of Electric Vehicle. , 2018, , .		2
79	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
80	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
81	Single-input, dual polarity, dual output DC-DC converter implementation based on the SCALDO technique. , 2017, , .		2
82	The electric vehicle: a review. International Journal of Electric and Hybrid Vehicles, 2017, 9, 49.	0.2	52
83	The improvement of Rate of Rise of Recovery Voltage (RRRV) for an HTS breaker. , 2017, , .		3
84	The impact of power curve estimation on commercial wind power forecasts â€" An empirical analysis. , 2017, , .		9
85	Maximizing photovoltaic array energy usage within a house using model predictive controla. , 2017, , .		1
86	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
87	Design Improvisation for Reduced Harmonic Distortion in a Flux Pump-Integrated HTS Generator. Energies, 2017, 10, 1344.	1.6	6
88	AC source vs DC source: Charging efficiency in battery storage systems for residential houses. , 2017, , .		4
89	A feature based distributed machine learning for post fault restoration of a microgrid under different stochastic scenarios. , 2017, , .		2
90	Mitigation of residual flux for high-temperature superconductor (HTS) transformer by controlled switching of HTS breaker arc model. , 2017, , .		0

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91	PMU based WAMC application in multi-modular HVDC based large scale solar system. , 2017, , .		1
92	The electric vehicle: a review. International Journal of Electric and Hybrid Vehicles, 2017, 9, 49.	0.2	24
93	An Event-Based Resource Management Framework for Distributed Decision-Making in Decentralized Virtual Power Plants. Energies, 2016, 9, 595.	1.6	7
94	Design of an efficiency improved dual-output DC-DC converter utilizing a supercapacitor circulation technique. , 2016, , .		10
95	Impact of efficient DC loads: LED lighting as equivalent to large power generation plant. , 2016, , .		0
96	A distributed machine learning approach for the secondary voltage control of an Islanded micro-grid. , 2016, , .		11
97	FEM and performance analysis of 10 kW HTS generator with flux pump excitation. , 2016, , .		3
98	A unified approach to characterizing medium to low voltage powerline communication channels. , 2016, , .		3
99	LED lighting as energy management tool through correlation analysis of daily electricity demand and supply curve. , 2016, , .		1
100	Development of browne's arc model for HTS applications. , 2016, , .		5
101	Design concepts and preliminary implementations of dual output supercapacitor-assisted low-dropout regulators (DO-SCALDO). , 2016, , .		7
102	An optimal reactive power dispatch (ORPD) for voltage security using particle swarm optimization (PSO) in graph theory. , 2016, , .		5
103	Optimal sizing of a wind-photovoltaic-battery hybrid renewable energy system considering socio-demographic factors. Solar Energy, 2016, 136, 525-532.	2.9	99
104	Building Information Modelling for Smart Built Environments. Buildings, 2015, 5, 100-115.	1.4	66
105	A Cost-Effective Electric Vehicle Charging Method Designed For Residential Homes with Renewable Energy. Open Engineering, 2015, 5, .	0.7	3
106	Flux pump for HTS rotating machinery applications. , 2015, , .		1
107	Hourly global solar irradiation forecasting for New Zealand. Solar Energy, 2015, 122, 1398-1408.	2.9	82
108	Wind speed forecasting using ANN, ARMA and AIC hybrid to ensure power grid reliability. , 2015, , .		3

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109	Wind Speed Forecasting Using Hybrid Wavelet Transformâ€"ARMA Techniques. AIMS Energy, 2015, 3, 13-24.	1.1	17
110	A new monitoring technique for the grounding grids. Open Engineering, 2014, 4, .	0.7	3
111	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
112	Real power regulation design for multi-terminal VSC-HVDC systems. Open Engineering, 2013, 3, 243-252.	0.7	0
113	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
114	Opportunities for Software-Defined Networking in Smart Grid. , 2013, , .		21
115	A Stochastic Game Model Applied to the Nordic Electricity Market. World Scientific Series in Finance, 2013, , 421-441.	0.1	2
116	Modelling and analysis of current and potential distribution paths for grounding devices. IET Generation, Transmission and Distribution, 2013, 7, 1229-1243.	1.4	2
117	Safety parameters at an electric power plant in case of the grounding device' elements failures. , 2013, , .		0
118	SIZING OPTIMIZATION OF WIND-PHOTOVOLTAIC HYBRID ENERGY SYSTEMS UNDER TRANSIENT LOAD. International Journal of Power and Energy Systems, 2013, 33, .	0.2	0
119	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
120	Wind speed forecasting using hybrid ANN-Kalman Filter techniques. , 2012, , .		6
121	Dynamic study of a battery change-over scheme of a windfarm containing dual BESS. , 2012, , .		5
122	The Effects of Short-Circuit and Inrush Currents on HTS Transformer Windings. IEEE Transactions on Applied Superconductivity, 2012, 22, 5500108-5500108.	1.1	15
123	Improving power system damping by utilizing VSC-HVDC. , 2012, , .		2
124	Decentralized H âˆž control for damping power system oscillations. Open Engineering, 2012, 2, .	0.7	0
125	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
126	Performance analysis of HTS transformer with fault current limiting properties on short circuit current. , 2011, , .		8

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127	The impact of climate change on New Zealand's electricity demand. , 2010, , .		6
128	Incorporation of static phase shifter in power systems using variable structure and state feedback control. , 2009, , .		2
129	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
130	Management of price uncertainty in short-term generation planning. IET Generation, Transmission and Distribution, 2008, 2, 491.	1.4	9
131	A backstepping control to improve compensating performance for transformer-less dynamic voltage restorers. , 2008, , .		0
132	Price-based unit commitment for bidding under price uncertainty. IET Generation, Transmission and Distribution, 2007, 1, 663.	1.4	20
133	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
134	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
135	Adaptive control design for VSC-HVDC systems based on backstepping method. Electric Power Systems Research, 2007, 77, 559-565.	2.1	89
136	A systematic approach for evaluating economic impact of voltage dips. Electric Power Systems Research, 2007, 77, 145-154.	2.1	10
137	An Empirical Method of Dynamic Oligopoly Behavior Analysis in Electricity Markets. IEEE Transactions on Power Systems, 2006, 21, 499-506.	4.6	31
138	A Conceptual View of Power Quality Regulation Using Market-Driven Mechanism. , 2006, , .		4
139	System Voltage Sag Performance Estimation. IEEE Transactions on Power Delivery, 2005, 20, 1738-1747.	2.9	41
140	Medium Term Power Planning With Bilateral Contracts. IEEE Transactions on Power Systems, 2005, 20, 627-633.	4.6	61
141	Applications of VSC-based HVDC in power system stability enhancement. , 2005, , .		6
142	Damping of power system oscillations using SSSC in real-time implementation. International Journal of Electrical Power and Energy Systems, 2004, 26, 357-364.	3.3	17
143	Modeling of Transfer Characteristics for the Broadband Power Line Communication Channel. IEEE Transactions on Power Delivery, 2004, 19, 1057-1064.	2.9	254
144	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

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145	Enhancement of power system damping using VSC-based series connected FACTS controllers. IET Generation, Transmission and Distribution, 2003, 150, 353.	1.1	18
146	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
147	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
148	Design of state-feedback decentralized nonlinear Hâˆž controllers in power systems. International Journal of Electrical Power and Energy Systems, 2002, 24, 601-610.	3.3	16
149	The Effect of the Thermal Storage Energy Loss Under the RTP System. Electric Power Components and Systems, 2001, 29, 915-926.	1.0	3
150	Design and application of a nonlinear coordinated excitation and TCPS controller in power systems. , 2001, , .		3
151	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
152	Application of an NLPID controller on a UPFC to improve transient stability of a power system. IET Generation, Transmission and Distribution, 2001, 148, 523.	1.1	22
153	A model for evaluating the fire resistance of contour-protected steel columns. Structural Engineering and Mechanics, 2001, 12, 559-572.	1.0	1
154	Implementation of coordinated multiple facts controllers for damping oscillations. International Journal of Electrical Power and Energy Systems, 2000, 22, 79-92.	3.3	21
155	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
156	Design and application of co-ordinated multiple FACTS controllers. IET Generation, Transmission and Distribution, 2000, 147, 112.	1.1	11
157	Hâˆž-controllers for linearised time-delay power systems. IET Generation, Transmission and Distribution, 2000, 147, 401.	1.1	32
158	Design and Implementation of a Class of Robust H âˆž Control for Stability Enhancement in Power Systems. Electric Power Components and Systems, 2000, 28, 839-860.	0.1	2
159	Real-time coordinated optimal facts controllers. Electric Power Systems Research, 1999, 52, 273-286.	2.1	6
160	Decentralised nonlinear Hâˆž control for stability enhancement in power systems. IET Generation, Transmission and Distribution, 1999, 146, 19.	1.1	15
161	Decentralized Hâˆž control for power system stability enhancement. International Journal of Electrical Power and Energy Systems, 1998, 20, 453-464.	3.3	8
162	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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163	Optimal flexible AC transmission systems (FACTS) devices allocation. International Journal of Electrical Power and Energy Systems, 1997, 19, 125-134.	3.3	116
164	Consistent parameter estimation of systems disturbed by correlated noise. IET Control Theory and Applications, 1997, 144, 40-44.	1.7	19
165	An adaptive fuzzy logic power system stabilizer. Electric Power Systems Research, 1996, 38, 75-81.	2.1	10
166	Enhancing power engineering education through the use of design modules. IEEE Transactions on Power Systems, 1996, 11, 1131-1138.	4.6	8
167	AN ELASTIC NONLINEAR POWER SYSTEM STABILIZER. Electric Power Components and Systems, 1996, 24, 857-867.	0.1	0
168	Design and application of a fuzzy logic control scheme for transient stability enhancement in power systems. Electric Power Systems Research, 1995, 33, 17-23.	2.1	23
169	A novel neuro-fuzzy based self-correcting online electric load forecasting model. Electric Power Systems Research, 1995, 34, 121-125.	2.1	13
170	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
171	Method of identifying the strategic placement for compensation devices. IEEE Transactions on Power Systems, 1995, 10, 1448-1453.	4.6	8
172	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
173	A neuro-fuzzy hybrid power system stabilizer. Electric Power Systems Research, 1994, 30, 17-23.	2.1	16
174	ANN based pattern classification of synchronous generator stability and loss of excitation. IEEE Transactions on Energy Conversion, 1994, 9, 753-759.	3.7	56
175	Method of identifying weak transmission network stability boundaries. IEEE Transactions on Power Systems, 1993, 8, 293-301.	4.6	24
176	Neural network based power system stabilizers. , 0, , .		12
177	A neural network based short term load forecasting model. , 0, , .		3
178	Neural network pattern classifications of transient stability and loss of excitation for synchronous generators. , 0, , .		2
179	A hybrid neuro-fuzzy power system stabilizer. , 0, , .		9
180	A robust artificial neural network based speed/voltage regulator for synchronous generators. , 0, , .		0

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181	Optimal compensation of variable series capacitors for improved economic dispatch in power systems. , 0, , .		4
182	A robust nonlinear power system stabilizer. , 0, , .		3
183	Design and application of decentralized nonlinear H/sub âˆž/ control for stability enhancement in power systems. , 0, , .		1
184	Coordinated decentralized optimal control of inter-area oscillations in power systems. , 0, , .		0
185	Development of a test bed for high-speed power line communications. , 0, , .		5
186	Load forecast for customers under real time pricing systems. , 0, , .		1
187	Component level cascade control of UPFC. , 0, , .		3
188	Characterization of power distribution lines for high-speed data transmission. , 0, , .		7
189	Allocation of transmission loss cost using cooperative game theory in the context of open transmission access. , 0, , .		26
190	Consideration of DC capacitor and line inductance in the design of UPFC to improve transient stability. , 0, , .		5
191	Basic control of interline power flow controller. , 0, , .		31
192	A transmission line model for high-frequency power line communication channel. , 0, , .		52
193	A novel frequency-domain frame synchronization algorithm for digital communication systems. , 0, , .		0
194	Empirical dynamic oligopoly behavior analysis in electricity markets. , 0, , .		6
195	Estimating economic impact of voltage sags. , 0, , .		17
196	Profit based unit commitment in competitive markets. , 0, , .		9
197	Optimal dispatch in pool market with FACTS devices. , 0, , .		1
198	Price based unit commitment for Gencos in deregulated markets. , 0, , .		12