Hoay Beng Gooi

List of Publications by Year
in descending order

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169 papers	7,081 citations	53794 45 h-index	66911 78 g-index
169 all docs	169 docs citations	169 times ranked	5691 citing authors

#	Article	IF	Citations
1	Peer-to-Peer Energy Trading in a Prosumer-Based Community Microgrid: A Game-Theoretic Model. IEEE Transactions on Industrial Electronics, 2019, 66, 6087-6097.	7.9	471
2	Extended-Boost Z-Source Inverters. IEEE Transactions on Power Electronics, 2010, 25, 2642-2652.	7.9	325
3	Optimal Reconfiguration of Radial Distribution Systems to Maximize Loadability. IEEE Transactions on Power Systems, 2004, 19, 260-266.	6.5	281
4	Optimal scheduling of spinning reserve. IEEE Transactions on Power Systems, 1999, 14, 1485-1492.	6.5	227
5	Very Short-Term Nonparametric Probabilistic Forecasting of Renewable Energy Generationâ€" With Application to Solar Energy. IEEE Transactions on Power Systems, 2016, 31, 3850-3863.	6.5	208
6	Solar radiation forecast based on fuzzy logic and neural networks. Renewable Energy, 2013, 60, 195-201.	8.9	199
7	Dynamic economic dispatch: feasible and optimal solutions. IEEE Transactions on Power Systems, 2001, 16, 22-28.	6.5	190
8	Spinning Reserve Estimation in Microgrids. IEEE Transactions on Power Systems, 2011, 26, 1164-1174.	6.5	185
9	Peer-to-Peer Energy Trading in Smart Grid Considering Power Losses and Network Fees. IEEE Transactions on Smart Grid, 2020, 11, 4727-4737.	9.0	171
10	Distributed Robust Energy Management of a Multimicrogrid System in the Real-Time Energy Market. IEEE Transactions on Sustainable Energy, 2019, 10, 396-406.	8.8	166
11	Modeling and Mitigating Impact of False Data Injection Attacks on Automatic Generation Control. IEEE Transactions on Information Forensics and Security, 2017, 12, 1609-1624.	6.9	151
12	Validation of Faster Joint Control Strategy for Battery- and Supercapacitor-Based Energy Storage System. IEEE Transactions on Industrial Electronics, 2018, 65, 3286-3295.	7.9	146
13	Energy Management and Control for Grid Connected Hybrid Energy Storage System Under Different Operating Modes. IEEE Transactions on Smart Grid, 2019, 10, 1626-1636.	9.0	134
14	Agent-Based Aggregated Behavior Modeling for Electric Vehicle Charging Load. IEEE Transactions on Industrial Informatics, 2019, 15, 856-868.	11.3	130
15	Optimal Operation of Multimicrogrids via Cooperative Energy and Reserve Scheduling. IEEE Transactions on Industrial Informatics, 2018, 14, 3459-3468.	11.3	109
16	Toward Optimal Energy Management of Microgrids via Robust Two-Stage Optimization. IEEE Transactions on Smart Grid, 2018, 9, 1161-1174.	9.0	108
17	Increasing the Regenerative Braking Energy for Railway Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2014, 15, 2506-2515.	8.0	98
18	Multi-Objective Optimal Dispatch of Microgrid Under Uncertainties via Interval Optimization. IEEE Transactions on Smart Grid, 2019, 10, 2046-2058.	9.0	98

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19	Web-based SCADA display systems (WSDS) for access via Internet. IEEE Transactions on Power Systems, 2000, 15, 681-686.	6.5	97
20	A Mixed Integer Quadratic Programming for Dynamic Economic Dispatch With Valve Point Effect. IEEE Transactions on Power Systems, 2014, 29, 2097-2106.	6.5	95
21	Power Generation Forecast of Hybrid PVâ€“Wind System. IEEE Transactions on Sustainable Energy, 2020, 11, 703-712.	8.8	87
22	Hybrid Energy Storage With Multimode Fuzzy Power Allocator for PV Systems. IEEE Transactions on Sustainable Energy, 2014, 5, 389-397.	8.8	84
23	Fuzzy MILP Unit Commitment Incorporating Wind Generators. IEEE Transactions on Power Systems, 2008, 23, 1738-1746.	6.5	82
24	A Digital Method of Power-Sharing and Cross-Regulation Suppression for Single-Inductor Multiple-Input Multiple-Output DCâ€“DC Converter. IEEE Transactions on Industrial Electronics, 2017, 64, 2836-2847.	7.9	75
25	An Ensemble Framework for Day-Ahead Forecast of PV Output Power in Smart Grids. IEEE Transactions on Industrial Informatics, 2019, 15, 4624-4634.	11.3	67
26	A Model Predictive Current Controlled Bidirectional Three-Level DC/DC Converter for Hybrid Energy Storage System in DC Microgrids. IEEE Transactions on Power Electronics, 2019, 34, 4025-4030.	7.9	66
27	Generation and evaluation of spaceâ€“time trajectories of photovoltaic power. Applied Energy, 2016, 176, 80-91.	10.1	65
28	A robust power system stabilizer for enhancement of stability in power system using adaptive fuzzy sliding mode control. Applied Soft Computing Journal, 2018, 73, 471-481.	7.2	65
29	Deadbeat Control for Hybrid Energy Storage Systems in DC Microgrids. IEEE Transactions on Sustainable Energy, 2019, 10, 1867-1877.	8.8	65
30	Optimal Design and Control Implementation of UPQC Based on Variable Phase Angle Control Method. IEEE Transactions on Industrial Informatics, 2018, 14, 3109-3123.	11.3	61
31	A Secure Distributed Transactive Energy Management Scheme for Multiple Interconnected Microgrids Considering Misbehaviors. IEEE Transactions on Smart Grid, 2019, 10, 5975-5986.	9.0	61
32	Cooperative Triple-Phase-Shift Control for Isolated DAB DCâ€“DC Converter to Improve Current Characteristics. IEEE Transactions on Industrial Electronics, 2019, 66, 7022-7031.	7.9	61
33	A Hybrid Firefly-Swarm Optimized Fractional Order Interval Type-2 Fuzzy PID-PSS for Transient Stability Improvement. IEEE Transactions on Industry Applications, 2019, 55, 6486-6498.	4.9	60
34	Distributed Congestion Management of Distribution Grids Under Robust Flexible Buildings Operations. IEEE Transactions on Power Systems, 2017, 32, 4600-4613.	6.5	57
35	Deep Learning Based Densely Connected Network for Load Forecasting. IEEE Transactions on Power Systems, 2021, 36, 2829-2840.	6.5	57
36	Multi-Agent Based Optimal Scheduling and Trading for Multi-Microgrids Integrated With Urban Transportation Networks. IEEE Transactions on Power Systems, 2021, 36, 2197-2210.	6.5	56

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37	Optimal False Data Injection Attack against Automatic Generation Control in Power Grids. , 2016, , .		55
38	Corrective economic dispatch and operational cycles for probabilistic unit commitment with demand response and high wind power. Applied Energy, 2016, 182, 634-651.	10.1	54
39	A Probabilistic Reserve Market Incorporating Interruptible Load. IEEE Transactions on Power Systems, 2006, 21, 1079-1087.	6.5	53
40	Cost Optimal Integration of Flexible Buildings in Congested Distribution Grids. IEEE Transactions on Power Systems, 2017, 32, 2254-2266.	6.5	53
41	Robust Electric Vehicle Aggregation for Ancillary Service Provision Considering Battery Aging. IEEE Transactions on Smart Grid, 2018, 9, 1728-1738.	9.0	53
42	Effective economic dispatch model and algorithm. International Journal of Electrical Power and Energy Systems, 2007, 29, 113-120.	5.5	49
43	Micro-generation dispatch in a smart residential multi-carrier energy system considering demand forecast error. Energy Conversion and Management, 2016, 120, 90-99.	9.2	49
44	Deadbeat Control for a Single-Inductor Multiple-Input Multiple-Output DCâ€“DC Converter. IEEE Transactions on Power Electronics, 2019, 34, 1914-1924.	7.9	49
45	Event-Triggered Model Predictive Control for Power Converters. IEEE Transactions on Industrial Electronics, 2021, 68, 715-720.	7.9	49
46	Jump and Shift Method for Multi-Objective Optimization. IEEE Transactions on Industrial Electronics, 2011, 58, 4538-4548.	7.9	48
47	Modified Cascaded Multilevel Grid-Connected Inverter to Enhance European Efficiency and Several Extended Topologies. IEEE Transactions on Industrial Informatics, 2015, 11, 1358-1365.	11.3	48
48	Analytical Rule-Based Approach to Online Optimal Control of Smart Residential Energy System. IEEE Transactions on Industrial Informatics, 2017, 13, 1586-1597.	11.3	46
49	Hybrid energy storage system using bidirectional single-inductor multiple-port converter with model predictive control in DC microgrids. Electric Power Systems Research, 2019, 173, 38-47.	3.6	46
50	Compensation for Power Loss by a Proof-of-Stake Consortium Blockchain Microgrid. IEEE Transactions on Industrial Informatics, 2021, 17, 3253-3262.	11.3	44
51	Control strategy for AC-DC microgrid with hybrid energy storage under different operating modes. International Journal of Electrical Power and Energy Systems, 2019, 104, 807-816.	5.5	42
52	Decomposition and Equilibrium Achieving Distribution Locational Marginal Prices Using Trust-Region Method. IEEE Transactions on Smart Grid, 2019, 10, 3269-3281.	9.0	41
53	Decentralized Local Energy Trading in Microgrids With Voltage Management. IEEE Transactions on Industrial Informatics, 2021, 17, 1111-1121.	11.3	41
54	Internet-based SCADA display system. IEEE Computer Applications in Power, 2002, 15, 14-19.	0.2	40

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55	A Proof-of-Stake public blockchain based pricing scheme for peer-to-peer energy trading. Applied Energy, 2021, 298, 117154.	10.1	40
56	Multi-topology-Mode Grid-Connected Inverter to Improve Comprehensive Performance of Renewable Energy Source Generation System. IEEE Transactions on Power Electronics, 2017, 32, 3623-3633.	7.9	38
57	Modelling of lithium-ion battery for online energy management systems. IET Electrical Systems in Transportation, 2012, 2, 202.	2.4	37
58	A Hierarchical Peer-to-Peer Energy Trading in Community Microgrid Distribution Systems. , 2018, , .		37
59	Unit commitment â€“ a fuzzy mixed integer Linear Programming solution. IET Generation, Transmission and Distribution, 2007, 1, 836.	2.5	36
60	Stochastic analysis of residential micro combined heat and power system. Energy Conversion and Management, 2017, 138, 190-198.	9.2	36
61	Consensus-Based Control of Hybrid Energy Storage System With a Cascaded Multiport Converter in DC Microgrids. IEEE Transactions on Sustainable Energy, 2020, 11, 2356-2366.	8.8	36
62	Optimization of the Size of UPQC System Based on Data-Driven Control Design. IEEE Transactions on Smart Grid, 2018, 9, 2999-3008.	9.0	35
63	Decentralized State Estimation for Hybrid AC/DC Microgrids. IEEE Systems Journal, 2018, 12, 434-443.	4.6	35
64	Stability Enhancement via Controller Optimization and Impedance Shaping for Dual Active Bridge-Based Energy Storage Systems. IEEE Transactions on Industrial Electronics, 2021, 68, 5863-5874.	7.9	35
65	Risk constrained economic dispatch with integration of wind power by multi-objective optimization approach. Energy, 2017, 126, 810-820.	8.8	34
66	Joint Control of Three-Level DCâ€“DC Converter Interfaced Hybrid Energy Storage System in DC Microgrids. IEEE Transactions on Energy Conversion, 2019, 34, 2248-2257.	5.2	33
67	Peer-to-Peer Energy Trading Enabled Optimal Decentralized Operation of Smart Distribution Grids. IEEE Transactions on Smart Grid, 2022, 13, 654-666.	9.0	33
68	An SI-MISO Boost Converter With Deadbeat-Based Control for Electric Vehicle Applications. IEEE Transactions on Vehicular Technology, 2018, 67, 9223-9232.	6.3	30
69	Hierarchical Blockchain Design for Distributed Control and Energy Trading Within Microgrids. IEEE Transactions on Smart Grid, 2022, 13, 3133-3144.	9.0	30
70	Bidirectional Three-Level Cascaded Converter With Deadbeat Control for HESS in Solar-Assisted Electric Vehicles. IEEE Transactions on Transportation Electrification, 2019, 5, 1190-1201.	7.8	29
71	Distributed Optimal Tie-Line Power Flow Control for Multiple Interconnected AC Microgrids. IEEE Transactions on Power Systems, 2019, 34, 1869-1880.	6.5	29
72	Optimising probabilistic spinning reserve using an analytical expected-energy-not-supplied formulation. IET Generation, Transmission and Distribution, 2011, 5, 772.	2.5	28

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73	Redundancy based PMU placement in state estimation. Sustainable Energy, Grids and Networks, 2015, 2, 23-31.	3.9	28
74	An Interactive Decision-Making Model Based on Energy and Reserve for Electric Vehicles and Power Grid Using Generalized Stackelberg Game. IEEE Transactions on Industry Applications, 2019, 55, 3301-3309.	4.9	28
75	Extended boost Z-source inverters. , 2009, , .		27
76	A New Flexible Power Quality Conditioner With Model Predictive Control. IEEE Transactions on Industrial Informatics, 2019, 15, 2569-2579.	11.3	25
77	Adjustable Uncertainty Set Constrained Unit Commitment With Operation Risk Reduced Through Demand Response. IEEE Transactions on Industrial Informatics, 2021, 17, 1154-1165.	11.3	24
78	Extraction of Geospatial Topology and Graphics for Distribution Automation Framework. IEEE Transactions on Power Systems, 2008, 23, 1776-1782.	6.5	23
79	Ellipsoidal Prediction Regions for Multivariate Uncertainty Characterization. IEEE Transactions on Power Systems, 2018, 33, 4519-4530.	6.5	23
80	Pricing in Peer-to-Peer Energy Trading Using Distributed Optimization Approach. , 2019, , .		23
81	Capacity fade-based energy management for lithium-ion batteries used in PV systems. Electric Power Systems Research, 2015, 129, 150-159.	3.6	22
82	Deadbeat Control for Single-Inductor Multiple-Output DCâ€“DC Converter With Effectively Reduced Cross Regulation. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 3372-3381.	5.4	22
83	A Proof-of-Authority Blockchain-Based Distributed Control System for Islanded Microgrids. IEEE Transactions on Industrial Informatics, 2022, 18, 8287-8297.	11.3	22
84	Ultra-short-term multi-node load forecasting â€“ a composite approach. IET Generation, Transmission and Distribution, 2012, 6, 436-444.	2.5	21
85	Distributed energy management for the multi-microgrid system based on ADMM. , 2017, , .		21
86	Restoration of electrical power supply through an algorithm and knowledge based system. Electric Power Systems Research, 1994, 29, 171-180.	3.6	20
87	Polyhedral Predictive Regions for Power System Applications. IEEE Transactions on Power Systems, 2019, 34, 693-704.	6.5	20
88	A Probabilistic Reserve With Zero-Sum Settlement Scheme. IEEE Transactions on Power Systems, 2005, 20, 993-1000.	6.5	19
89	Demand response program in Singaporeâ€™s wholesale electricity market. Electric Power Systems Research, 2017, 142, 279-289.	3.6	19
90	Detection of Islanding and Fault Disturbances in Microgrid using Wavelet Packet Transform. IETE Journal of Research, 2019, 65, 796-809.	2.6	19

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91	Phase Angle Control Based Three-phase DVR with Power Factor Correction at Point of Common Coupling. Journal of Modern Power Systems and Clean Energy, 2020, 8, 179-186.	5.4	19
92	Cooperative Bidding-Based Robust Optimal Energy Management of Multimicrogrids. IEEE Transactions on Industrial Informatics, 2020, 16, 5757-5768.	11.3	19
93	Pricing Mechanism for Flexible Loads Using Distribution Grid Hedging Rights. IEEE Transactions on Power Systems, 2019, 34, 4048-4059.	6.5	17
94	Impedance Shaping of Isolated Two-Stage AC-DC-DC Converter for Stability Improvement. IEEE Access, 2019, 7, 18601-18610.	4.2	17
95	Robust and Resilient Distributed Optimal Frequency Control for Microgrids Against Cyber Attacks. IEEE Transactions on Industrial Informatics, 2022, 18, 375-386.	11.3	16
96	Simplified Four-Level Inverter-Based Dynamic Voltage Restorer With Single DC Power Source. IEEE Access, 2019, 7, 137461-137471.	4.2	15
97	Increasing Voltage Support Using Smart Power Converter Based Energy Storage System and Load Control. IEEE Transactions on Industrial Electronics, 2021, 68, 12364-12374.	7.9	15
98	Voltage control using smart transformer via dynamic optimal setpoints and limit tolerance in a residential distribution network with PV sources. IET Generation, Transmission and Distribution, 2020, 14, 5143-5151.	2.5	15
99	Assessing the economics of customer-sited multi-use energy storage. , 2016, , .		14
100	Dynamic evolution control based power sharing method for hybrid energy storage system. IET Power Electronics, 2019, 12, 276-283.	2.1	14
101	A Distributed Model Predictive Control Framework for Grid-Friendly Distributed Energy Resources. IEEE Transactions on Sustainable Energy, 2021, 12, 727-738.	8.8	14
102	Multiobjective Automated and Autonomous Intelligent Load Control for Smart Buildings. IEEE Transactions on Power Systems, 2018, 33, 2778-2791.	6.5	13
103	A Distributed Model-Free Controller for Enhancing Power System Transient Frequency Stability. IEEE Transactions on Industrial Informatics, 2019, 15, 1361-1371.	11.3	13
104	Design of A Two-Stage Control Strategy of Vanadium Redox Flow Battery Energy Storage Systems for Grid Application. IEEE Transactions on Sustainable Energy, 2022, 13, 2079-2091.	8.8	13
105	Fully Decentralized P2P Energy Trading in Active Distribution Networks With Voltage Regulation. IEEE Transactions on Smart Grid, 2023, 14, 1466-1481.	9.0	13
106	Efficiency enhancement scheme of cascaded multilevel grid-connected inverter and its improvement to eliminate effect of non-ideal grid conditions. International Journal of Electrical Power and Energy Systems, 2016, 76, 120-128.	5.5	12
107	Flexible Scheduling of Microgrid With Uncertainties Considering Expectation and Robustness. IEEE Transactions on Industry Applications, 2018, 54, 3009-3018.	4.9	12
108	Multiobjective Autonomous Intelligent Load Control for Hybrid Single-/Three-Phase AC/DC Smart Buildings. IEEE Transactions on Sustainable Energy, 2018, 9, 1220-1233.	8.8	11

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109	Elliptical restoration based single-phase dynamic voltage restorer for source power factor correction. Electric Power Systems Research, 2019, 166, 199-209.	3.6	11
110	Distributed Real-Time Multi-Objective Control of a Virtual Power Plant in DC Distribution Systems. IEEE Transactions on Power Delivery, 2022, 37, 1876-1887.	4.3	11
111	Rule-Based Peak Shaving Using Master-Slave Level Optimization in a Diesel Generator Supplied Microgrid. IEEE Transactions on Power Systems, 2023, 38, 2177-2188.	6.5	11
112	Charging of electric vehicles and demand response management in a Singaporean car park. , 2014, , .		10
113	A DC microgrid integrated dynamic voltage restorer with model predictive control. , 2017, , .		10
114	Ampacity Estimation for Submarine Power Cables Installed in Saturated Seabedâ€"Experimental Studies. IEEE Transactions on Industry Applications, 2020, 56, 6229-6237.	4.9	10
115	Simplified Four-Level Inverter-Based Single-Phase DSTATCOM Using Model Predictive Control. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 3382-3395.	5.4	10
116	Subsynchronous Oscillation Analysis Using Multisynchrosqueezing Transform and Dissipating Energy Flow Method. IEEE Transactions on Industry Applications, 2022, 58, 3134-3141.	4.9	10
117	Java-based applications for accessing power system data via intranet, extranet and internet. International Journal of Electrical Power and Energy Systems, 2001, 23, 273-284.	5.5	9
118	Single-phase grid-tied photovoltaic inverter to control active and reactive power with battery energy storage device. , 2016, , .		9
119	A real-time cyber-physical energy management system for smart houses. , 2011, , .		8
120	A partial feedback linearization based approach to shunt active power filter design. , 2016, , .		8
121	Designing high-order power-source synchronous current converters for islanded and grid-connected microgrids. Applied Energy, 2018, 219, 370-384.	10.1	8
122	Optimal Load Management in a Shipyard Drydock. IEEE Transactions on Industrial Informatics, 2019, 15, 3277-3288.	11.3	8
123	Active DCâ€link balancing and voltage regulation using a threeâ€level converter for splitâ€link fourâ€wire system. IET Power Electronics, 2020, 13, 2424-2431.	2.1	8
124	Multi agent system for distributed management of microgrids. , 2015, , .		7
125	Analysis of dual-side reactive currents of isolated DAB DC-DC converter and elimination strategy. , 2017, , .		7
126	Small signal impedance model and stability analysis of bidirectional two-stage DC-DC-AC system. , 2017, , .		7

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127	Multiphase Distribution Locational Marginal Prices: Approximation and Decomposition. , 2018, , .		7
128	Cost-effectiveness studies of the BESSs participating in frequency regulation. , 2015, , .		6
129	Towards optimal energy management of microgrids with a realistic model. , 2016, , .		6
130	A stand-alone hybrid pv/fuel cell power system using single-inductor dual-input single-output boost converter with model predictive control. , 2017, , .		6
131	An evolutionary algorithm based subject allocation system. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2006, 29, 415-422.	1.1	5
132	Batch and sequential forecast models for photovoltaic generation. , 2015, , .		5
133	Two-Level Algorithm for UPQC Considering Power Electronic Converters and Transformers. , 2019, , .		5
134	Impedance-Based Stability Analysis of DAB Converters With Single-, Double-, or Cooperative Triple-Phase-Shift Modulations and Input LC Filter. Frontiers in Energy Research, 2022, 10, .	2.3	5
135	Principle and Control of Modified Cascaded NPC-GCI With Variable Topology Ability to Enhance European Efficiency. IEEE Transactions on Industrial Electronics, 2017, 64, 1214-1221.	7.9	4
136	Enumerated-MPC-based dynamic voltage restorer using lc filter with damping resistor. , 2017, , .		4
137	Multivariate prediction intervals for photovoltaic power generation. , 2017, , .		4
138	A Cooperative Rate-Based Model Predictive Framework for Flexibility Management of DERs. IEEE Transactions on Energy Conversion, 2021, 36, 2724-2733.	5.2	4
139	Comparison of SPS, DPS And CTPS Modulations with Full Consideration of Stability of DAB Converters with Input LC Filter. , 2021, , .		4
140	Partial Discharge Detection Based on Long Short-Term Memory Neural Network Classifier with Efficient Feature Extraction Methods. , 2021, , .		4
141	Framework for optimizing the demand contracted by large customers. IET Generation, Transmission and Distribution, 2020, 14, 635-644.	2.5	4
142	Thermal effect on State Estimation in microgrids. , 2010, , .		3
143	Measurements and analysis of fixed WiMAX with LAN in microgrid. , 2011, , .		3
144	Study of market clearing model for Singapore's wholesale real-time electricity market. , 2016, , .		3

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145	A low complexity control and energy management for DC-coupled hybrid microgrid with hybrid energy storage system. , 2017, , .		3
146	Optimal distribution feeder reconfiguration for integration of electric vehicles. , 2017, , .		3
147	Analytical solution for demand contracting with forecastingâ€error analysis on maximum demands and prices. IET Generation, Transmission and Distribution, 2018, 12, 3097-3105.	2.5	3
148	Peer-to-Peer Energy Trading in Smart Grids Considering Network Utilization Fees. , 2020, , .		3
149	Optimal PMU placement with local redundancy of conventional measurements. , 2013, , .		2
150	A centralized reactive power compensation system for LV distribution networks. , 2015, , .		2
151	Coordinated active power control between shunt and series converters of UPQC for distributed generation applications. , 2016, , .		2
152	Three-phase shunt connected Photovoltaic generator for harmonic and reactive power compensation with battery energy storage device. , 2016, , .		2
153	Distributed Congestion Management of Distribution Grids under Robust Flexible Buildings Operations. , 2018, , .		2
154	Design and Control of Storage Systems for Voltage Source Controlled Autonomous Microgrids. , 2019, , .		2
155	Impedance Modeling and Stability Analysis of Triple-Phase-Shift-Based Dual Active Bridge Converter with LC Filter. , 2019, , .		2
156	Peak Power Estimation of Vanadium Redox Flow Batteries Based on Receding Horizon Control. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2023, 11, 154-165.	5.4	2
157	Impedance Modeling and Stability-Oriented Parameter Optimization of Isolated Dual Active Bridge-Based Two-Stage AC-DC-DC Converter. Frontiers in Energy Research, 0, 10, .	2.3	2
158	Uncertainty aware minority game based energy management system for smart buildings. , 2012, , .		1
159	A novel dual topology modes cascaded neutral-point-clamped gird-connected inverter. , 2016, , .		1
160	Market clearing model for Singapore electricity market incorporating transmission loss. , 2016, , .		1
161	Operation of energy storage system for renewable utilization enhancement. , 2016, , .		1
162	Approximate-model-based predictive current control for buck converter in CCM. , 2017, , .		1

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163	Cost Optimal Integration of Flexible Buildings in Congested Distribution Grids. , 2018, , .		1
164	A MPC-Based Method for Single-Inductor Multiple-Input Single-Output Boost Converter. , 2018, , .		1
165	Model Predictive Control for Hybrid Energy StorageSystem using Single-InductorDual-Input Single-Output Converter. , 2018, , .		1
166	Stability Analysis and Optimization of Dual Active Bridge Converter with LC Input Filter. , 2019, , .		1
167	Dynamic Evolution Control For Three-Level DC-DC Converter with Supercapacitor System. , 2019, , .		1
168	Analysis of Singapore electricity market clearing model with transmission network consideration. , 2016, , .		0
169	Optimal reactive power dispatch control considering uncertain wind power. , 2017, , .		0