

Yasuhiro Hayashi

List of Publications by Year in descending order

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258
papers

2,193
citations

304602

22
h-index

330025

37
g-index

259
all docs

259
docs citations

259
times ranked

1490
citing authors

#	ARTICLE	IF	CITATIONS
1	Dealing with uncertainty in automated operational planning for residential fuel cell system: A comparative study of state-of-the-art approaches. Energy and Buildings, 2022, 255, 111614.	3.1	1
2	Evaluation of the Ability to Contribute to Local Production and Local Consumption of PV by Charging Schedule Optimization Considering Phased Electrification of Buses. IEEJ Transactions on Power and Energy, 2022, 142, 67-76.	0.1	1
3	Residential Battery Storage System Sizing for the Medically Vulnerable from the Life Continuity Planning Perspective: Toward Economic Operation Using Uncertain Photovoltaic Output. IEEJ Transactions on Electrical and Electronic Engineering, 2022, 17, 833-846.	0.8	2
4	Sensitivity analysis of factors relevant to extreme imbalance between procurement plans and actual demand: Case study of the Japanese electricity market. Applied Energy, 2022, 313, 118616.	5.1	1
5	Multipurpose Charging Schedule Optimization Method for Electric Buses: Evaluation Using Real City Data. IEEE Access, 2022, 10, 56067-56080.	2.6	4
6	Impact of Smart Meter Measurement Granularity on Control Parameters of OLTC in Distribution Networks with PV. , 2022, , .		0
7	Battery smoothing control for photovoltaic system using short-term forecast with total sky images. Electric Power Systems Research, 2021, 190, 106645.	2.1	11
8	Dynamic Optimization of SVR Control Parameters for Improving Tap Operation Efficiency of Voltage Control in Distribution Networks. IEEJ Transactions on Electrical and Electronic Engineering, 2021, 16, 67-77.	0.8	3
9	A Planned Power Generation for Battery-Assisted Photovoltaic System Using Short-Term Forecast. IEEE Access, 2021, 9, 125238-125246.	2.6	3
10	Prioritization of Distribution Networks for Efficient Introduction of Loss Minimum Reconfiguration Technology. IEEJ Transactions on Power and Energy, 2021, 141, 127-135.	0.1	1
11	Predictive Voltage Control Scheme Based on Estimation of Short-Term Ahead Voltage Fluctuation in Distribution System with PVs. IEEJ Transactions on Electrical and Electronic Engineering, 2021, 16, 916-924.	0.8	1
12	Voltage Regulation of Distribution System by Demand Side Battery Control Method Considering Coordination with HEMS. IEEJ Transactions on Power and Energy, 2021, 141, 336-344.	0.1	3
13	Spatial demand forecasting based on smart meter data for improving local energy self-sufficiency in smart cities. IET Smart Cities, 2021, 3, 107-120.	1.6	9
14	Operation Method and Generator Capacity Determination Method using Battery Energy Storage System of Off-grid System based on Renewable Energy in Remote Island. IEEJ Transactions on Power and Energy, 2021, 141, 406-414.	0.1	2
15	Deep reservoir architecture for short-term residential load forecasting: An online learning scheme for edge computing. Applied Energy, 2021, 298, 117176.	5.1	13
16	Advanced voltage control method for improving the voltage quality of low-voltage distribution networks with photovoltaic penetrations. Energy Informatics, 2021, 4, .	1.4	4
17	Voltage-Sensitivity-Based Volt-VAR-Watt Settings of Smart Inverters for Mitigating Voltage Rise in Distribution Systems. IEEE Open Access Journal of Power and Energy, 2021, 8, 584-595.	2.5	9
18	Determination Method of Volt-var Curve Settings for Smart Inverters to Decrease SVR Tap Operations caused by PV Output Fluctuations and Minimize Distribution Losses. IEEJ Transactions on Power and Energy, 2021, 141, 763-772.	0.1	1

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19	Assessing the Operational Potential of Pumped-Storage Hydro Generators for Supporting the Grid Integration of Wind Farms. , 2021, , .		1
20	Multipurpose control and planning method for battery energy storage systems in distribution network with photovoltaic plant. International Journal of Electrical Power and Energy Systems, 2020, 116, 105485.	3.3	30
21	Intensive quadratic programming approach for home energy management systems with power utility requirements. International Journal of Electrical Power and Energy Systems, 2020, 115, 105473.	3.3	19
22	Electric Vehicle Charging Management Using Auction Mechanism for Reducing PV Curtailment in Distribution Systems. IEEE Transactions on Sustainable Energy, 2020, 11, 1394-1403.	5.9	49
23	Advanced voltage control based on short-time ahead voltage fluctuation estimation in distribution system. Electric Power Systems Research, 2020, 188, 106559.	2.1	2
24	Graphical Modeling for Analysis of Hourly Electricity Demand and Market Price. , 2020, , .		0
25	Operational Planning of a Residential Fuel Cell System for Minimizing Expected Operational Costs Based on a Surrogate Model. IEEE Access, 2020, 8, 173983-173998.	2.6	6
26	Stability Evaluation of a Multi-objective Dispatch of Frequency Control Generators in Cross-Regional Operation under Various Conditions. , 2020, , .		0
27	Designing Sustainable Smart Cities: Cooperative Energy Management Systems and Applications. IEEJ Transactions on Electrical and Electronic Engineering, 2020, 15, 1256-1270.	0.8	19
28	Evaluation of an Optimal Radial-Loop Configuration for a Distribution Network With PV Systems to Minimize Power Loss. IEEE Access, 2020, 8, 220408-220421.	2.6	17
29	Sparse modeling approach for identifying the dominant factors affecting situation-dependent hourly electricity demand. Applied Energy, 2020, 265, 114752.	5.1	10
30	Evaluation and Visualization of kW / kWh Cost of a District Heating and Cooling System for Electricity Adjustment. , 2020, , .		1
31	Semicentralized voltage control method using SVR based on past voltage measurements in distribution network. IEEJ Transactions on Electrical and Electronic Engineering, 2020, 15, 1032-1039.	0.8	2
32	Home Energy Management Systems under Effects of Solarâ€ Battery Smart Inverter Functions. IEEJ Transactions on Electrical and Electronic Engineering, 2020, 15, 692-703.	0.8	10
33	An integrated approach of estimating demand response flexibility of domestic laundry appliances based on household heterogeneity and activities. Energy Policy, 2020, 142, 111467.	4.2	28
34	On Nonintrusive Monitoring of Electrical Appliance Load Via Restricted Boltzmann Machine with Temporal Reservoir. , 2020, , .		3
35	Operation of Voltage Reactive Power Control Devices based on Cooperation between Two-Voltage Class Transmission Network with PV Systems to Reduce Power Loss. IEEJ Transactions on Power and Energy, 2020, 140, 484-494.	0.1	0
36	Evaluation of Mutual Effect between Power and Traffic Aiming Electrified Urban Transportation System Using Integrated Light Rail Transit and Distribution System Model. IEEJ Transactions on Electronics, Information and Systems, 2020, 140, 892-904.	0.1	1

#	ARTICLE	IF	CITATIONS
37	OPERATIONAL STRATEGIES FOR SELF-CONSUMPTION CONSIDERING THE USE OF AN ELECTRIC VEHICLE IN A NET ZERO ENERGY HOUSE. Journal of Environmental Engineering (Japan), 2020, 85, 277-287.	0.1	0
38	LDC-Control Parameters by Plane Determination Using Database Offline in Distribution Networks with PV System. International Journal of Electrical and Electronic Engineering and Telecommunications, 2020, , 80-87.	3.4	1
39	Cyber Security for Voltage Control of Distribution Systems Under Data Falsification Attacks. Power Electronics and Power Systems, 2020, , 145-165.	0.6	0
40	PRE-COOLING OPERATION AIMING FOR DEMAND RESPONSE ADAPTATION IN HOUSE. Journal of Environmental Engineering (Japan), 2020, 85, 215-224.	0.1	1
41	Partitioning Method for the Large-scale Operation Planning Problem of a District Heating and Cooling System for Electricity Adjustment. IEEJ Transactions on Power and Energy, 2020, 140, 94-103.	0.1	2
42	Basic Study on Cooperative Management Scheme of Electric Vehicle Charging for Reduction of Impact on Low-Voltage Distribution System. , 2020, , .		1
43	Charging Schedule Optimization Method for Electric Buses with PV Installed at Bus Stations: Sensitivity Analysis of PV Capacity based on Real City Data. , 2020, , .		7
44	Preliminary Analysis of Short-term Solar Irradiance Forecasting by using Total-sky Imager and Convolutional Neural Network. , 2019, , .		17
45	Renovating a house to aim for net-zero energy, thermal comfort, energy self-consumption and behavioural adaptation: A method proposed for ENEMANE HOUSE 2017. Energy and Buildings, 2019, 201, 183-193.	3.1	11
46	Proposal and Evaluation of an Equipment Operating Method Using Solar Radiation Prediction in a Zero Energy House. E3S Web of Conferences, 2019, 111, 05003.	0.2	0
47	Willingness to Pay for Home Energy Management Systems: A Survey in New York and Tokyo. Sustainability, 2019, 11, 4790.	1.6	14
48	Spinning reserve quantification considering confidence levels of forecast in systems with high wind and solar power penetration. IEEJ Transactions on Electrical and Electronic Engineering, 2019, 14, 1304-1313.	0.8	5
49	Machine Learning Approach for Graphical Model-Based Analysis of Energy-Aware Growth Control in Plant Factories. IEEE Access, 2019, 7, 32183-32196.	2.6	15
50	Double-layer optimization of home energy management systems with volt-watt functions. IEEJ Transactions on Electrical and Electronic Engineering, 2019, 14, 705-715.	0.8	2
51	Evaluation of Dynamic Var Support from PV Systems under Uncertain Weather Conditions. , 2019, , .		0
52	Estimation of Expected Cost Curve on Operation Parameter Space for Planning Residential PEFC-CGS. , 2019, , .		3
53	Multiple Scenario-based Model Predictive Control with Decision Time Limit Determination of Scenario Selection. , 2019, , .		0
54	Analysis of operation plans of residential PEFC-CGS: a perspective of cost optimality under demand uncertainty. Journal of International Council on Electrical Engineering, 2019, 9, 105-112.	0.4	2

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55	Scheduling method of wind power generation for electricity market using state-of-charge transition and forecast error. Journal of International Council on Electrical Engineering, 2019, 9, 123-132.	0.4	2
56	Decentralized Charging Control of Battery Energy Storage Systems for Distribution System Asset Management. , 2019, , .		2
57	Hot Water Demand Prediction Method for Operational Planning of Residential Fuel Cell System. , 2019, , .		4
58	Toward Data-Driven Identification of Essential Factors Causing Seasonal Change in Daily Electricity Demand Curves. , 2019, , .		0
59	PROPOSAL OF RENOVATION TO ZERO ENERGY HOUSE (ZEH) FROM AN EXISTING INDUSTRIALIZED HOUSE. AIJ Journal of Technology and Design, 2019, 25, 239-242.	0.1	1
60	Optimal parameters of voltage functions for photovoltaic smart inverters in distribution networks. IEEJ Transactions on Electrical and Electronic Engineering, 2019, 14, 75-84.	0.8	11
61	Energy disaggregation based on smart metering data via semi-binary nonnegative matrix factorization. Energy and Buildings, 2019, 183, 547-558.	3.1	32
62	Scalable enumeration approach for maximizing hosting capacity of distributed generation. International Journal of Electrical Power and Energy Systems, 2019, 105, 867-876.	3.3	24
63	Electric Vehicle Charge/Discharge Management for Utilization of Photovoltaic by Coordination Between Home and Grid Energy Management Systems. IEEE Transactions on Smart Grid, 2019, 10, 3186-3197.	6.2	127
64	Alerting to Rare Large-Scale Ramp Events in Wind Power Generation. IEEE Transactions on Sustainable Energy, 2019, 10, 55-65.	5.9	35
65	Economic Evaluation of Increased Self-use of PV Output Driven by Storage Battery System. IEEJ Transactions on Power and Energy, 2019, 139, 363-371.	0.1	6
66	Enhancing Security for Voltage Control of Distribution Systems Under Data Falsification Attacks. , 2019, , .		3
67	EMPIRICAL STUDY ON EFFECTIVE UTILIZATION OF PHOTOVOLTAIC POWER GENERATION BY PRECOOLING AND PREHEATING OPERATION IN HOUSE. Journal of Environmental Engineering (Japan), 2019, 84, 73-81.	0.1	7
68	Time Series Model of Wind Power Forecasting Error by using Beta Distribution for Optimal Sizing of Battery Storage. IEEJ Transactions on Power and Energy, 2019, 139, 212-224.	0.1	3
69	Stochastic receding horizon control minimizing mean-variance with demand forecasting for home EMSs. Energy and Buildings, 2018, 158, 1632-1639.	3.1	13
70	Versatile Modeling Platform for Cooperative Energy Management Systems in Smart Cities. Proceedings of the IEEE, 2018, 106, 594-612.	16.4	47
71	Evaluation of Annual Energy Loss Reduction Based on Reconfiguration Scheduling. IEEE Transactions on Smart Grid, 2018, 9, 1986-1996.	6.2	33
72	Distributed Energy Management for Comprehensive Utilization of Residential Photovoltaic Outputs. IEEE Transactions on Smart Grid, 2018, 9, 1216-1227.	6.2	44

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73	Upgrading Voltage Control Method Based on Photovoltaic Penetration Rate. IEEE Transactions on Smart Grid, 2018, 9, 3994-4003.	6.2	26
74	Evaluation of Voltage Regulation Functions of Smart Inverters Based on Penetration Level and Curtailment in Photovoltaic Systems. , 2018, , .		3
75	Energy cost minimization in plant factories considering weather factors using additive Bayesian networks. Journal of International Council on Electrical Engineering, 2018, 8, 128-135.	0.4	6
76	Configuration of Large-Scale Battery System with Volt-VAR function in Distribution Network with Advanced Load Tap Changer Control. , 2018, , .		0
77	HEMS Operation with Utility Requirements for Rooftop Solar-Battery Systems. , 2018, , .		1
78	Electricity Adjustment by Aggregation Control of Multiple District Heating and Cooling Systems. Energy Procedia, 2018, 149, 317-326.	1.8	5
79	Feature Extraction of NWP Data for Wind Power Forecasting Using 3D-Convolutional Neural Networks. Energy Procedia, 2018, 155, 350-358.	1.8	49
80	Expected Wind Speed Estimation Considering Spatio-Temporal Anisotropy for Generating Synthetic Wind Power Profiles. Energy Procedia, 2018, 155, 309-319.	1.8	6
81	Temporal Interpolation of Gridded Solar Radiation Data for Evaluation of PV Fluctuations. Energy Procedia, 2018, 155, 259-268.	1.8	5
82	Evaluation of Dynamic Voltage Responses of Distributed Energy Resources in Distribution Systems. , 2018, , .		4
83	Optimal Responses of Home Energy Management Systems to Aggregator and Utility Requirements. , 2018, , .		0
84	Hierarchical BESS management for electric power self-supply ratio improvement and power flow reduction in residential town. , 2018, , .		2
85	Operation planning method for home air-conditioners considering characteristics of installation environment. Energy and Buildings, 2018, 177, 351-362.	3.1	10
86	Proposal and evaluation of determination method for multiobjective output dispatch of frequency control generators to compensate for renewable energy system fluctuation in multiarea system operation. Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi), 2018, 205, 3-16.	0.2	3
87	An Evaluation of Economical Capacity of Storage Battery Equipped with Residential PV System and Reverse Power Flow Pattern. IEEJ Transactions on Power and Energy, 2018, 138, 175-182.	0.1	3
88	Quantitative Evaluation of PV Output Curtailment Waiting Effects by Power Conditioning System in Distribution Network and Determination of Appropriate Waiting Time based on Evaluated Results. IEEJ Transactions on Power and Energy, 2018, 138, 805-814.	0.1	3
89	Proposal and Evaluation of Determination Method for Multi-objective Dispatch of Frequency Control Generators Output to Compensate Renewable Energy Systems Fluctuation in Multi Area System Operation. IEEJ Transactions on Power and Energy, 2018, 138, 265-274.	0.1	1
90	Development of Control Technologies for Wind Power Fluctuation with Energy Storage Systems. Journal of the Institute of Electrical Engineers of Japan, 2018, 138, 738-741.	0.0	0

#	ARTICLE	IF	CITATIONS
91	Enhanced Technologies for PV Output Control Method. Journal of the Institute of Electrical Engineers of Japan, 2018, 138, 803-806.	0.0	0
92	Generating Synthetic Profiles of Onshore Wind Power for Power Flow Simulation on Power System. Journal of Energy Engineering - ASCE, 2017, 143, .	1.0	3
93	Voltage Control Method Utilizing Solar Radiation Data in High Spatial Resolution for Service Restoration in Distribution Networks with PV. Journal of Energy Engineering - ASCE, 2017, 143, .	1.0	7
94	Electricity adjustment for capacity market auction by a district heating and cooling system. Applied Energy, 2017, 206, 623-633.	5.1	14
95	Optimal coordination of voltage controllable devices in distribution systems using power-based models and quadratic programming. IEEJ Transactions on Electrical and Electronic Engineering, 2017, 12, S54-S64.	0.8	0
96	Prevention of Output Suppression through Heat Pump Water Heaters for High Penetration Residential PV Systems for Long-Term Operation. Electrical Engineering in Japan (English Translation of Denki) Tj ETQq0 0 0 rgt /Overlock 10 Tf 5		
97	Control methods for an energy storage system when wind power output deviates from grid code. Journal of International Council on Electrical Engineering, 2017, 7, 159-165.	0.4	8
98	Optimal allocation of photovoltaic systems and energy storage systems considering constraints of both transmission and distribution systems. , 2017, , .		4
99	Development of prediction-based operation planning method for domestic air-conditioner with adaptive learning of installation environment. , 2017, , .		1
100	Voltage and energy loss assessment for systems with smart inverter functions of rooftop solar. , 2017, , .		5
101	Forecast of Infrequent Wind Power Ramps Based on Data Sampling Strategy. Energy Procedia, 2017, 135, 496-503.	1.8	11
102	Energy disaggregation based on semi-supervised matrix factorization using feedback information from consumers. , 2017, , .		1
103	Feature extraction of numerical weather prediction results toward reliable wind power prediction. , 2017, , .		12
104	Method for determining voltage control parameters of low-voltage regulator using forecast interval of photovoltaic output. , 2017, , .		0
105	Effectiveness of updating the parameters of the Volt-VAR control depending on the PV penetration rate and weather conditions. , 2017, , .		11
106	Installed generator capacity determination method with variable weather-based SOC operation for island-alone off-grid system. , 2017, , .		5
107	Evaluation of energy-loss minimum operations using real measurements and network data. , 2017, , .		3
108	Optimal smart functions of large-scale PV inverters in distribution systems. , 2017, , .		9

#	ARTICLE	IF	CITATIONS
109	Basic study on application of real-time satellite-observed solar radiation data for centralized voltage control in distribution networks with PVs. , 2017, , .		0
110	Coordinated voltage control of load tap changers in distribution networks with photovoltaic system. , 2016, , .		2
111	Centralized voltage control method using voltage forecasting by JIT modeling in distribution networks. , 2016, , .		10
112	Reproducing Statistical Property of Short-term Fluctuation in Wind Power Profiles. Energy Procedia, 2016, 99, 130-136.	1.8	1
113	Evaluation of coordinated energy management system for grid and home in distribution system with PVs. Journal of International Council on Electrical Engineering, 2016, 6, 126-133.	0.4	4
114	Maximizing hosting capacity of distributed generation by network reconfiguration in distribution system. , 2016, , .		9
115	Energy Disaggregation Based on Semi-Binary NMF. Lecture Notes in Computer Science, 2016, , 401-414.	1.0	8
116	Method for enumerating feasible LDC parameters for OLTC and SVR in distribution networks. , 2016, , .		0
117	Experimental Demonstration of Smart Charging and Vehicle-to-Home Technologies for Plugin Electric Vehicles Coordinated with Home Energy Management Systems for Automated Demand Response. SAE International Journal of Passenger Cars - Electronic and Electrical Systems, 2016, 9, 286-293.	0.3	1
118	DESIGN AND CONSTRUCTION OF ZERO ENERGY HOUSE. AIJ Journal of Technology and Design, 2016, 22, 1049-1052.	0.1	4
119	Deployment of low-voltage regulator considering existing voltage control in medium-voltage distribution systems. Journal of International Council on Electrical Engineering, 2016, 6, 252-260.	0.4	0
120	Estimation Prediction Interval of Solar Irradiance Based on Just-in-Time Modeling for Photovoltaic Output Prediction. Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi), 2016, 195, 1-10.	0.2	10
121	Capacity determination of a battery energy storage system based on the control performance of load leveling and voltage control. Journal of International Council on Electrical Engineering, 2016, 6, 94-101.	0.4	2
122	Basic study on dynamic reactive-power control method with PV output prediction for solar inverter. Journal of International Council on Electrical Engineering, 2016, 6, 26-30.	0.4	0
123	Detection of Cyber Attacks Against Voltage Control in Distribution Power Grids With PVs. IEEE Transactions on Smart Grid, 2016, 7, 1824-1835.	6.2	118
124	Cooperating Voltage Control Method between Battery Energy Storage System and LRT and SVR for Purpose of Expansion of PV Introduction. IEEJ Transactions on Power and Energy, 2016, 136, 291-301.	0.1	11
125	Robust Operation Planning Method for Integrated Solid Oxide Fuel Cells in a Collective Housing with Electric Power Interchange System Considering Uncertainty in Demand Forecast. IEEJ Transactions on Power and Energy, 2016, 136, 528-536.	0.1	1
126	Effectiveness of Improvement of Benefit of the Electric Power Selling Charges and Electricity Charges using Battery Storage System and Heat Pump Water Heater for High Penetration PV. IEEJ Transactions on Power and Energy, 2016, 136, 245-258.	0.1	1

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127	Voltage Fluctuation Issue on Distribution System at Time of Demand Response and Cooperating Voltage Control Method between Battery Energy Storage System and SVR. IEEJ Transactions on Power and Energy, 2016, 136, 400-409.	0.1	1
128	Power and hour capacity requirement for an energy storage from grid codes. , 2015, , .		1
129	Improvement of prediction interval estimation algorithm with just-in-time modeling for PV system operation. , 2015, , .		4
130	Islanding operation methods integrated with multiple power supplies and HEMS. , 2015, , .		0
131	Effectiveness of optimization updating the control parameters of advanced SVRs. Journal of International Council on Electrical Engineering, 2015, 5, 12-17.	0.4	1
132	Study on business continuity capability by cooperative operation of photovoltaic and battery energy storage system. , 2015, , .		0
133	Determination of the most suitable voltage control method depending on photovoltaic installation rate. , 2015, , .		0
134	Personalized Energy Management Systems for Home Appliances Based on Bayesian Networks. Journal of International Council on Electrical Engineering, 2015, 5, 64-69.	0.4	8
135	The basic study for development of a method for determining the LDC parameters of LRT and SVR using PV output forecasting. , 2015, , .		7
136	Distribution automation system for service restoration involving simultaneous disconnection and reconnection of distributed generators. , 2015, , .		2
137	OLTC and multiple SVRs in distribution system by using database. , 2015, , .		1
138	Estimation Method of Prediction Interval of Solar Irradiance Based on Just-In-Time Modeling for Photovoltaic Output Prediction. IEEJ Transactions on Power and Energy, 2015, 135, 160-167.	0.1	8
139	Method for Rapidly Determining Line Drop Compensator Parameters of Low-Voltage Regulator using Classifiers. IEEJ Transactions on Power and Energy, 2015, 135, 446-453.	0.1	3
140	Dynamic Updating Method of Optimal Control Parameters of Multiple Advanced SVRs in a Single Feeder. IEEJ Transactions on Power and Energy, 2015, 135, 550-558.	0.1	4
141	Prevention of Output Suppression through Heat Pump Water Heaters for High-penetration Residential PV Systems for Long-term Operation. IEEJ Transactions on Power and Energy, 2015, 135, 423-436.	0.1	2
142	Method for instantly determining line drop compensator parameters of low-voltage regulator using multiple classifiers. , 2014, , .		7
143	Verification of efficiency of searching methods determining optimal control parameters of advanced SVRs. , 2014, , .		0
144	Experiment with an OPF controller based on HPSO-TVAC for a PV-supplied microgrid with BESS. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
145	Evaluation of Improvement Effect of Voltage Quality by Reactive Power Control with Available Capacity of Residential FC Inverter. Journal of International Council on Electrical Engineering, 2014, 4, 108-113.	0.4	0
146	Voltage control of multiple step voltage regulators by renewing control parameters. , 2014, , .		8
147	Method for determining line drop compensator parameters of low voltage regulator using support vector machine. , 2014, , .		2
148	Improvement of Three-Phase Unbalance Due to Connection of Dispersed Generator by Damper Windings of Synchronous Generator. Electrical Engineering in Japan (English Translation of Denki) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		10
149	Japanese Energy Management in Smart Grid after the Great East Japan Earthquake. Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi), 2014, 189, 20-25.	0.2	2
150	Home energy management based on Bayesian network considering resident convenience. , 2014, , .		13
151	On detection of cyber attacks against voltage control in distribution power grids. , 2014, , .		11
152	Novel voltage control of multiple step voltage regulators in a distribution system. , 2014, , .		6
153	Dynamic voltage control method and optimization for LVR in distribution system with PV systems. , 2014, , .		0
154	Distribution Loss Minimization With Guaranteed Error Bound. IEEE Transactions on Smart Grid, 2014, 5, 102-111.	6.2	101
155	Determination Method of Operation Plan for Fuel Cells in Collective Housing with Electric Power Interchange System. IEEJ Transactions on Power and Energy, 2014, 134, 682-691.	0.1	4
156	Coordinated BESS and LRT Control for Voltage Stabilization of a PV-Supplied Microgrid. IEEJ Transactions on Power and Energy, 2014, 134, 875-884.	0.1	2
157	Evaluation of CO2 Reduction and Primary Energy Savings for Collective Housing with Fuel Cells Considering Variability in Demand. Journal of Energy and Power Engineering, 2014, 8, .	0.2	0
158	A Versatile Clustering Method for Electricity Consumption Pattern Analysis in Households. IEEE Transactions on Smart Grid, 2013, 4, 1048-1057.	6.2	56
159	Evaluating the ability of hydroelectric power generation for controlling frequency with a large introduction of wind power generation. , 2013, , .		0
160	Prevention of output suppression through heat pump water heaters for high-penetration residential PV systems. , 2013, , .		3
161	Restraint method of voltage total harmonic distortion in distribution network by power conditioner systems using measured data from IT switches. Electrical Engineering in Japan (English Translation of) Tj ETQq1 1 0 7.84314 rgBT /Overlock		10
162	Coordinated BESS control for improving voltage stability of a PV-supplied microgrid. , 2013, , .		15

#	ARTICLE	IF	CITATIONS
163	Online optimal power flow based on HPSO-TVAC coordinates with centralized BESS and LRT control to stabilize voltage in a PV-supplied microgrid. , 2013, , .		1
164	Verification of loss reduction effect on loss minimum configuration of distribution system by zero-suppressed binary decision diagram for large penetration of residential PV. , 2013, , .		0
165	Japanese Energy Management in Smart Grid after the Great East Japan Earthquake. IEEJ Transactions on Power and Energy, 2013, 133, 225-228.	0.1	11
166	Evaluation of Voltage Control Effect of Acquisition Period for IT Switch Data. IEEJ Transactions on Power and Energy, 2013, 133, 324-332.	0.1	10
167	Cooperation Voltage Control Method of LRT and SVR in Distribution System with PV Systems Corresponding to Bank Fault Restoration. IEEJ Transactions on Power and Energy, 2013, 133, 333-342.	0.1	8
168	Development and Evaluation of a Fast Voltage Calculation Method for Low-Voltage Distribution System. IEEJ Transactions on Power and Energy, 2013, 133, 343-349.	0.1	1
169	Transmission and Distribution Losses Minimization using Hierarchy Control Method of Transmission System Circuit Breakers and Distribution System Switches for Various PV Penetration Cases. IEEJ Transactions on Power and Energy, 2013, 133, 383-395.	0.1	4
170	Proposal of Dynamic Voltage Control using SVC with Variable Dead Band in Distribution System. IEEJ Transactions on Power and Energy, 2013, 133, 396-403.	0.1	10
171	Preface to Special Issue on Power System Technologies to Realize Smart Grid. IEEJ Transactions on Power and Energy, 2013, 133, 297-297.	0.1	0
172	A Study on Accuracy of Fault Locator in Distribution System with Distributed Generations. IEEJ Transactions on Power and Energy, 2013, 133, 515-522.	0.1	1
173	Challenge and Vision of Japanese Smart Grid. Journal of the Society of Mechanical Engineers, 2013, 116, 224-227.	0.0	0
174	Future Smart Society and Electricity. Journal of the Institute of Electrical Engineers of Japan, 2013, 133, 787-787.	0.0	1
175	A national project on Optimal Control and demonstration of the Japanese smart grid for massive integration of photovoltaic systems. , 2012, , .		11
176	Improvement of Power Quality in Distribution System by Cooperative Control of Power Conditioner Systems. Journal of International Council on Electrical Engineering, 2012, 2, 72-78.	0.4	2
177	Verification of Reduction Effect on Output Suppression through Storage Battery in Residential Area with Clustered PV Systems. Journal of International Council on Electrical Engineering, 2012, 2, 377-383.	0.4	0
178	Experimental Analysis on Influences of Harmonic Voltage at High-Voltage Network on Harmonic Current at Medium-Voltage Network. Journal of International Council on Electrical Engineering, 2012, 2, 146-152.	0.4	0
179	Pattern sequence-based energy demand forecast using photovoltaic energy records. , 2012, , .		13
180	Method of Optimal Allocation of SVR in Distribution Feeders with Renewable Energy Sources. Journal of International Council on Electrical Engineering, 2012, 2, 159-165.	0.4	8

#	ARTICLE	IF	CITATIONS
181	Automatic extraction of basic electricity consumption patterns in household. , 2012, , .		1
182	Determination method of optimal planning and operation for residential PV system and storage battery based on weather forecast. , 2012, , .		13
183	Centralized BESS control to minimize demand of PV-supplied micro-grid under voltage constraints. , 2012, , .		5
184	Verification of effect of damper windings on the transient condition of synchronous generator. Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi), 2012, 180, 33-42.	0.2	0
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