Loi Lei Lai

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

213 papers	3,033 citations	29 h-index	46 g-index
286 ext. papers	4,190 ext. citations	5.8 avg, IF	6.18 L-index

#	Paper	IF	Citations
213	Levelized cost of electricity for solar photovoltaic and electrical energy storage. *Applied Energy*, **2017**, 190, 191-203	10.7	245
212	An Axial-Flux Permanent-Magnet Synchronous Generator for a Direct-Coupled Wind-Turbine System. *IEEE Transactions on Energy Conversion*, **2007**, 22, 86-94	5.4	142
211	Two-stage energy management for networked microgrids with high renewable penetration. *Applied Energy*, **2018**, 226, 39-48	10.7	105
210	A comprehensive review on large-scale photovoltaic system with applications of electrical energy storage. *Renewable and Sustainable Energy Reviews*, **2017**, 78, 439-451	16.2	100
209	A Multi-Agent Reinforcement Learning-Based Data-Driven Method for Home Energy Management. *IEEE Transactions on Smart Grid*, **2020**, 11, 3201-3211	10.7	81
208	. *IEEE Transactions on Instrumentation and Measurement*, **2012**, 61, 3225-3233	5.2	81
207	A Review of Technical Standards for Smart Cities. *Clean Technologies*, **2020**, 2, 290-310	3.4	71
206	Sizing of Stand-Alone Solar PV and Storage System With Anaerobic Digestion Biogas Power Plants. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 2112-2121	8.9	58
205	Levelized cost of electricity for photovoltaic/biogas power plant hybrid system with electrical energy storage degradation costs. *Energy Conversion and Management*, **2017**, 153, 34-47	10.6	56
204	An effective secondary decomposition approach for wind power forecasting using extreme learning machine trained by crisscross optimization. *Energy Conversion and Management*, **2017**, 150, 108-121	10.6	55
203	The use of occupancy space electrical power demand in building cooling load prediction. *Energy and Buildings*, **2012**, 55, 151-163	7	53
202	. *IEEE Transactions on Industrial Informatics*, **2016**, 12, 872-882	11.9	52
201	Field Computation for an Axial Flux Permanent-Magnet Synchronous Generator. *IEEE Transactions on Energy Conversion*, **2009**, 24, 1-11	5.4	51
200	**2007**,		51
199	. *IEEE Transactions on Industrial Electronics*, **2019**, 66, 9918-9927	8.9	46
198	Permanent-Magnet Machines for Distributed Power Generation: A Review. *IEEE Power Engineering Society General Meeting*, **2007**,		46
197	Performance of an Axial-Flux Permanent Magnet Synchronous Generator From 3-D Finite-Element Analysis. *IEEE Transactions on Energy Conversion*, **2010**, 25, 669-676	5.4	42

196	Novel Active Time-Based Demand Response for Industrial Consumers in Smart Grid. *IEEE Transactions on Industrial Informatics*, **2015**, 11, 1564-1573	11.9	39
195	. *IEEE Transactions on Industrial Informatics*, **2018**, 14, 2452-2462	11.9	39
194	Interference-Mitigated ZigBee-Based Advanced Metering Infrastructure. *IEEE Transactions on Industrial Informatics*, **2016**, 12, 672-684	11.9	36
193	. *IEEE Transactions on Power Systems*, **2018**, 33, 5604-5614	7	35
192	. *IEEE Transactions on Industrial Informatics*, **2017**, 13, 2322-2332	11.9	34
191	Single-phase operation of a three-phase induction generator with the Smith connection. *IEEE Transactions on Energy Conversion*, **2002**, 17, 47-54	5.4	34
190	Reconfigurable Distribution Network for Managing Transactive Energy in a Multi-Microgrid System. *IEEE Transactions on Smart Grid*, **2020**, 11, 1286-1295	10.7	34
189	A general memristor-based pulse coupled neural network with variable linking coefficient for multi-focus image fusion. *Neurocomputing*, **2018**, 308, 172-183	5.4	32
188	A financial model for lithium-ion storage in a photovoltaic and biogas energy system. *Applied Energy*, **2019**, 251, 113179	10.7	31
187	A robust correlation analysis framework for imbalanced and dichotomous data with uncertainty. *Information Sciences*, **2019**, 470, 58-77	7.7	31
186	Enhancing photovoltaic hosting capacityA stochastic approach to optimal planning of static var compensator devices in distribution networks. *Applied Energy*, **2019**, 238, 952-962	10.7	30
185	Steady-state analysis and performance of a stand-alone three-phase induction generator with asymmetrically connected load impedances and excitation capacitances. *IEEE Transactions on Energy Conversion*, **2001**, 16, 327-333	5.4	29
184	A review on long-term electrical power system modeling with energy storage. *Journal of Cleaner Production*, **2021**, 280, 124298	10.3	29
183	. *IEEE Transactions on Power Delivery*, **2012**, 27, 1718-1726	4.3	28
182	Economic and financial appraisal of novel large-scale energy storage technologies. *Energy*, **2021**, 214, 118954	7.9	27
181	Capacitance requirements of a three-phase induction generator self-excited with a single capacitance and supplying a single-phase load. *IEEE Transactions on Energy Conversion*, **2002**, 17, 90-94	5.4	26
180	. *IEEE Transactions on Industrial Informatics*, **2019**, 15, 1588-1597	11.9	25
179	Optimal sizing of battery energy storage system in smart microgrid considering virtual energy storage system and high photovoltaic penetration. *Journal of Cleaner Production*, **2021**, 281, 125308	10.3	25

178	A collaborative-competitive representation based classifier model. *Neurocomputing*, **2018**, 275, 627-635	5.4	24
177	Stationary and mobile battery energy storage systems for smart grids **2011**,		24
176	A Coreless Electric Current Sensor With Circular Conductor Positioning Calibration. *IEEE Transactions on Instrumentation and Measurement*, **2013**, 62, 2922-2928	5.2	23
175	A Two-Stage Game-Theoretic Method for Residential PV Panels Planning Considering Energy Sharing Mechanism. *IEEE Transactions on Power Systems*, **2020**, 35, 3562-3573	7	22
174	Investigation on July 2012 Indian blackout **2013**,		22
173	Utilisation of kinetic energy from wind turbine for grid connections: a review paper. *IET Renewable Power Generation*, **2018**, 12, 615-624	2.9	21
172	Magnetic Field in a Transverse- and Axial-Flux Permanent Magnet Synchronous Generator From 3-D FEA. *IEEE Transactions on Magnetics*, **2012**, 48, 1055-1058	2	21
171	Joint sparse matrix regression and nonnegative spectral analysis for two-dimensional unsupervised feature selection. *Pattern Recognition*, **2019**, 89, 119-133	7.7	21
170	Powering Chinaʼs Sustainable Development with Renewable Energies: Current Status and Future Trend. *Electric Power Components and Systems*, **2015**, 43, 1193-1204	1	20
169	. *IEEE Transactions on Industrial Informatics*, **2018**, 14, 5050-5059	11.9	20
168	. *IEEE Transactions on Industrial Informatics*, **2019**, 15, 4819-4829	11.9	20
167	A novel fast-charging stations locational planning model for electric bus transit system. *Energy*, **2021**, 224, 120106	7.9	20
166	A dynamic particles MPPT method for photovoltaic systems under partial shading conditions. *Energy Conversion and Management*, **2020**, 220, 113070	10.6	19
165	Wavelet-Based Algorithm for Signal Analysis. *Eurasip Journal on Advances in Signal Processing*, **2007**, 2007,	1.9	19
164	Shifting Boundary for price-based residential demand response and applications. *Applied Energy*, **2015**, 146, 353-370	10.7	18
163	Optimal PMU placement considering state estimation uncertainty and voltage controllability. *IET Generation, Transmission and Distribution*, **2017**, 11, 4465-4475	2.5	18
162	Energy Transaction for Multi-Microgrids and Internal Microgrid Based on Blockchain. *IEEE Access*, **2020**, 8, 144362-144372	3.5	16
161	A deep learning based hybrid method for hourly solar radiation forecasting. *Expert Systems With Applications*, **2021**, 177, 114941	7.8	16

160	Analysis and performance of a permanent-magnet synchronous generator supplying an isolated load. *IET Electric Power Applications*, **2010**, 4, 169	1.8	15
159	Permanent-Magnet Synchronous Generator Supplying an Isolated Load. *IEEE Transactions on Magnetics*, **2010**, 46, 3353-3356	2	15
158	A review of enabling methodologies for information processing in smart grids. *International Journal of Electrical Power and Energy Systems*, **2019**, 107, 516-522	5.1	15
157	. *IEEE Transactions on Smart Grid*, **2020**, 11, 590-601	10.7	15
156	Distributed Model Predictive Control Strategy for Islands Multimicrogrids Based on Noncooperative Game. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 3803-3814	11.9	15
155	A constrained least squares regression model. *Information Sciences*, **2018**, 429, 247-259	7.7	15
154	Co-Simulation of Distributed Smart Grid Software Using Direct-Execution Simulation. *IEEE Access*, **2018**, 6, 20531-20544	3.5	14
153	Two-stage optimal scheduling of air conditioning resources with high photovoltaic penetrations. *Journal of Cleaner Production*, **2019**, 241, 118407	10.3	14
152	Creating Efficient Visual Codebook Ensembles for Object Categorization. *IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans*, **2011**, 41, 238-253		14
151	Small hydro power plant analysis and development **2011**,		14
150	Lessons Learned from July 2012 Indian Blackout **2012**,		14
149	Smart metering in micro-grid applications **2009**,		14
148	Single-phase operation of a three-phase induction generator using a novel line current injection method. *IEEE Transactions on Energy Conversion*, **2005**, 20, 308-315	5.4	14
147	Reliability Modeling and Assessment of Cyber Space in Cyber-Physical Power Systems. *IEEE Transactions on Smart Grid*, **2020**, 11, 3763-3773	10.7	13
146	Low-rank matrix regression for image feature extraction and feature selection. *Information Sciences* , **2020**, 522, 214-226	7.7	13
145	Compact image representation model based on both nCRF and reverse control mechanisms. *IEEE Transactions on Neural Networks and Learning Systems*, **2012**, 23, 150-62	10.3	13
144	A practical approach of smart metering in remote monitoring of renewable energy applications **2009**,		13
143	. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 4624-4634	11.9	13

142	A Practical Approach to Wireless GPRS On-Line Power Quality Monitoring System. *IEEE Power Engineering Society General Meeting*, **2007**,		12
141	Hybrid dual-complementary metal-oxide-semiconductor/memristor synapse-based neural network with its applications in image super-resolution. *IET Circuits, Devices and Systems*, **2019**, 13, 1241-1248	1.1	12
140	Transactive Energy Trading in Reconfigurable Multi-carrier Energy Systems. *Journal of Modern Power Systems and Clean Energy*, **2020**, 8, 67-76	4	11
139	Meta Heuristic Search Algorithms for Short-Term Hydrothermal Scheduling **2006**,		11
138	Analysis of a stand-alone permanent-magnet synchronous generator using a time-stepping coupled field-circuit method. *IET Electric Power Applications*, **2005**, 152, 1459		11
137	Load forecasting based on deep neural network and historical data augmentation. *IET Generation, Transmission and Distribution*, **2020**, 14, 5927-5934	2.5	11
136	Classifier economics of Semi-Intrusive Load Monitoring. *International Journal of Electrical Power and Energy Systems*, **2018**, 103, 224-232	5.1	10
135	Advanced Metering Infrastructure for Electric Vehicle Charging. *Smart Grid and Renewable Energy*, **2011**, 02, 312-323	0.4	10
134	Day-ahead and Intraday Dispatch of an Integrated Biomass-Concentrated Solar System: A Multi-Objective Risk-Controlling Approach. *IEEE Transactions on Power Systems*, **2021**, 1-1	7	10
133	Reliability Evaluation of Communication-Constrained Protection Systems Using Stochastic-Flow Network Models. *IEEE Transactions on Smart Grid*, **2017**, 1-1	10.7	9
132	Application of Big Data in Smart Grid **2015**,		9
131	Estimation of multi-conductor powerline cable parameters for the modelling of transfer characteristics. *IET Science, Measurement and Technology*, **2014**, 8, 39-45	1.5	9
130	Electricity trading based on distribution locational marginal price. *International Journal of Electrical Power and Energy Systems*, **2021**, 124, 106322	5.1	9
129	A Novel Power Market Mechanism Based on Blockchain for Electric Vehicle Charging Stations. *Electronics (Switzerland)*, **2021**, 10, 307	2.6	9
128	Adaptive partitioning approach to self-sustained smart grid. *IET Generation, Transmission and Distribution*, **2017**, 11, 485-494	2.5	8
127	A speedy cardiovascular diseases classifier using multiple criteria decision analysis. *Sensors*, **2015**, 15, 1312-20	3.8	8
126	An overview on wind power forecasting methods **2015**,		8
125	Optimal Kernel ELM and Variational Mode Decomposition for Probabilistic PV Power Prediction. *Energies*, **2020**, 13, 3592	3.1	8

124	Multi-View Neural Network Ensemble for Short and Mid-Term Load Forecasting. *IEEE Transactions on Power Systems*, **2021**, 36, 2992-3003	7	8
123	Axial-flux permanent-magnet synchronous generator with coreless armature and non-integral coil-pole ratio. *IET Renewable Power Generation*, **2019**, 13, 245-252	2.9	7
122	Graph-based multiple rank regression for image classification. *Neurocomputing*, **2018**, 315, 394-404	5.4	7
121	Daily clearness index profiles and weather conditions studies for photovoltaic systems. *Energy Procedia*, **2017**, 142, 77-82	2.3	7
120	**2007**,		7
119	. *IEEE Transactions on Industrial Informatics*, **2016**, 12, 820-823	11.9	6
118	Sparse structural feature selection for multitarget regression. *Knowledge-Based Systems*, **2018**, 160, 200-209	7.9	6
117	Application of green technologies in developing countries Reduced carbon emission and conservation of energy **2011**,		6
116	An initial study on computational intelligence for smart grid **2009**,		6
115	A coupled circuit and field analysis of a three-phase induction motor with the Smith connection. *IEEE Transactions on Magnetics*, **2006**, 42, 1315-1318	2	6
114	Electricity plan recommender system with electrical instruction-based recovery. *Energy*, **2020**, 203, 117775	7.9	6
113	Decentralized Finite Control Set Model Predictive Control Strategy of Microgrids for Unbalanced and Harmonic Power Management. *IEEE Access*, **2020**, 8, 202298-202311	3.5	6
112	Valuing the option to prototype: A case study with Generation Integrated Energy Storage. *Energy*, **2021**, 217, 119290	7.9	6
111	Virtual Storage-Based DSM With Error-Driven Prediction Modulation for Microgrids. *IEEE Access*, **2019**, 7, 71109-71118	3.5	5
110	Security constrained unit commitment-based power system dispatching with plug-in hybrid electric vehicles **2015**,		5
109	The development of a smart grid co-simulation platform and case study on Vehicle-to-Grid voltage support application **2013**,		5
108	Compression of power system signals with wavelets **2014**,		5
107	Monitoring system for smart grid **2012**,		5

106	Grid integration of wind-solar hybrid renewables using AC/DC converters as DG power sources **2011**,		5
105	Challenges to implementing distributed generation in area electric power system **2011**,		5
104	ZigBee electric vehicle charging system **2011**,		5
103	**2008**,		5
102	A practical approach to wireless Power Quality, Energy and Facilities Monitoring System **2008**,		5
101	Optimization of a Distribution Static Compensator by Bacterial Foraging Technique **2006**,		5
100	Swarm Intelligence for Optimal Reactive Power Dispatch		5
99	Distributed Robust Model Predictive Control-Based Energy Management Strategy for Islanded Multi-Microgrids Considering Uncertainty. *IEEE Transactions on Smart Grid*, **2022**, 1-1	10.7	5
98	Photovoltaic Output Power Estimation and Baseline Prediction Approach for a Residential Distribution Network with Behind-the-Meter Systems. *Forecasting*, **2020**, 2, 470-487	2.3	5
97	. *IEEE Transactions on Services Computing*, **2017**, 1-1	4.8	4
96	Levelized cost of electricity considering electrochemical energy storage cycle-life degradations. *Energy Procedia*, **2019**, 158, 3308-3313	2.3	4
95	A practical approach of smart metering integration in micro-grid **2010**,		4
94	. *IEEE Transactions on Cloud Computing*, **2021**, 9, 118-130	3.3	4
93	Are energy policies for supporting low-carbon power generation killing energy storage?. *Journal of Cleaner Production*, **2021**, 280, 124626	10.3	4
92	Load Forecasting based on Deep Long Short-term Memory with Consideration of Costing Correlated Factor **2018**,		4
91	Deep autoencoder with localized stochastic sensitivity for short-term load forecasting. *International Journal of Electrical Power and Energy Systems*, **2021**, 130, 106954	5.1	4
90	. *IEEE Access*, **2018**, 6, 21991-22010	3.5	3
89	Semi-supervised graph-based retargeted least squares regression. *Signal Processing*, **2018**, 142, 188-193	4.4	3

88	Agent-Based Modeling and Neural Network for Residential Customer Demand Response **2013**,		3
87	A Novel Load Shedding Strategy Combining Undervoltage and Underfrequency with Considering of High Penetration of Wind Energy **2015**,		3
86	A model of Demand Response scheduling for cement plant **2014**,		3
85	HLA based co-simulation framework for multiagent-based smart grid applications **2014**,		3
84	DG modeling and compensation methods in distribution load flow analysis and voltage profile recovery **2011**,		3
83	A practical approach of energy efficiency management reporting systems in micro-grid **2011**,		3
82	. *IEEE Transactions on Education*, **2011**, 54, 56-62	2.1	3
81	Computation of air-gap field in an axial-flux permanent-magnet machine using the method of images **2009**,		3
80	Renewable energy utilization in China **2011**,		3
79	Online systems potential applications in intelligent power grids **2012**,		3
78	**2009**,		3
77	Non-Clear Typhoon Eye Tracking by Artificial Ant Colony **2006**,		3
76	. *IEEE Access*, **2020**, 8, 85923-85938	3.5	3
75	A stochastic sensitivity-based multi-objective optimization method for short-term wind speed interval prediction. *International Journal of Machine Learning and Cybernetics*, **2021**, 12, 2579-2590	3.8	3
74	A novel probabilistic approach for evaluating fault ride-through capability of wind generation **2016**,		3
73	**2016**,		3
72	Smart coordination of virtual energy storage systems for distribution network management. *International Journal of Electrical Power and Energy Systems*, **2021**, 129, 106816	5.1	3
71	. *IEEE Access*, **2021**, 9, 6137-6151	3.5	3

70	Energy internet in smart city review **2017**,		2
69	A time-synchronized ZigBee building network for smart water management **2017**,		2
68	A Novel Network Partitioning Approach in Smart Grid Environment **2015**,		2
67	Design a co-simulation platform for power system and communication network **2014**,		2
66	New trends for Decision Support Systems **2012**,		2
65	Short-term hydro -thermal scheduling with Artificial Bee Colony **2012**,		2
64	DG islanding operation detection methods in combination of harmonics protection schemes **2011**,		2
63	Hybrid Bacteria Foraging-DE based algorithm for Economic Load Dispatch with non-convex loads **2010**,		2
62	GA tuned differential evolution for economic load dispatch with non-convex cost function **2009**,		2
61	Field Computation and Performance of a Series-Connected Self-Excited Synchronous Generator. *IEEE Transactions on Magnetics*, **2010**, 46, 3065-3068	2	2
60	A NEW FUZZY NEURAL NETWORK STRATEGY OF INSULATORS CONTAMINATION DETECTION FOR POWER SYSTEM TRANSMISSION LINE. *International Journal of Pattern Recognition and Artificial Intelligence*, **2008**, 22, 55-64	1.1	2
59	**2007**,		2
58	Particle swarm optimization for economic dispatch of units with non-smooth input-output characteristic functions		2
57	Voltage and frequency control of self-excited slip-ring induction generators		2
56	An Innovative Coalitional Trading Model for a Biomass Power Plant Paired with Green Energy Resources. *IEEE Transactions on Sustainable Energy*, **2021**, 1-1	8.2	2
55	Hierarchical Pigeon-Inspired Optimization-based MPPT Method for Photovoltaic Systems under Complex Partial Shading Conditions. *IEEE Transactions on Industrial Electronics*, **2021**, 1-1	8.9	2
54	An unsupervised data-driven approach for behind-the-meter photovoltaic power generation disaggregation. *Applied Energy*, **2022**, 309, 118450	10.7	2
53	Arbitrary-Oriented Detection of Insulators in Thermal Imagery via Rotation Region Network. *IEEE Transactions on Industrial Informatics*, **2021**, 1-1	11.9	2

52	Optimal Sizing of Battery Energy Storage System in Smart Microgrid with Air-conditioning Resources **2020**,		2
51	Fault Diagnosis Approach of Main Drive Chain in Wind Turbine Based on Data Fusion. *Applied Sciences (Switzerland)*, **2021**, 11, 5804	2.6	2
50	Reliability Analyses of Wide-Area Protection System Considering Cyber-Physical System Constraints. *IEEE Transactions on Smart Grid*, **2021**, 12, 3458-3467	10.7	2
49	Nonparametric conditional interval forecasts for PV power generation considering the temporal dependence **2016**,		2
48	SGL-RFS: Semi-Supervised Graph Learning Robust Feature Selection **2018**,		2
47	A new deregulated demand response scheme for load over-shifting city in regulated power market. *Applied Energy*, **2022**, 311, 118337	10.7	2
46	Fusing Local and Global Information for One-Step Multi-View Subspace Clustering. *Applied Sciences (Switzerland)*, **2022**, 12, 5094	2.6	2
45	Guest Editorial - Special Section on Emerging Informatics for Risk Hedging and Decision Making in Smart Grids. *IEEE Transactions on Industrial Informatics*, **2017**, 13, 2507-2510	11.9	1
44	High Impedance Fault and Heavy Load under Big Data Context **2015**,		1
43	Machine learning class with automatic learning materials **2014**,		1
42	Research on wind and solar penetration in a 9-bus network **2012**,		1
41	A Novel Automatic Load Shedding Scheme to Improve Survivability of Distribution Networks **2013**,		1
40	Simple intelligent 3-phase power quality detecting framework for microgrid **2011**,		1
39	**2010**,		1
38	Voltage profile stability analysis of radial distribution power systems in presence of DGs **2011**,		1
37	DC-DC converters application in fuel-cell stack grid integration **2011**,		1
36	Coupled field-circuit analysis of a surface-inset permanent-magnet synchronous generator feeding a rectifier load **2009**,		1
35	Available transfer capability evaluation based on extended blind number **2009**,		1

34	A review on energy loss development **2008**,		1
33	Use of the slip-ring induction machine for distributed generation **2008**,		1
32	Genetic Algorithms for Solving Optimal Power Flow Problems471-500		1
31	Starting Performance of a Three-Phase Induction Motor with the Smith Connection on a Single-Phase Supply		1
30	Computation of No-load and Armature Reaction Fields of an Axial-Flux Permanent-Magnet Synchronous Generator **2007**,		1
29	Strategies of Enhancing the Performance of Embedded 3D Graphics Applications **2007**,		1
28	Rapid On-Line Frequency Determination Using Non-Linear Signal Processing. *Electric Power Components and Systems*, **2005**, 33, 1137-1143	1	1
27	Power system state estimation using conditional generative adversarial network. *IET Generation, Transmission and Distribution*, **2020**, 14, 5823-5833	2.5	1
26	Blockchain Applications in Microgrid Clusters **2021**, 265-305		1
25	Dynamic modeling, sensitivity assessment, and design of VSC-based microgrids with composite loads. *Journal of Power Electronics*, **2020**, 20, 245-259	0.9	1
24	An Interval Mathematic-Based Methodology for Reliable Resilience Analysis of Power Systems in the Presence of Data Uncertainties. *Energies*, **2020**, 13, 6632	3.1	1
23	A Distributed Transaction Method for Mitigating Three-phase Imbalance by Scheduling Electric Vehicle Charging **2021**,		1
22	A Review on Thermal Energy Modelling for Optimal Microgrids Management. *Thermo*, **2021**, 1, 63-76		1
21	Coordinated Operation of Electricity and Natural Gas Networks with Consideration of Congestion and Demand Response. *Applied Sciences (Switzerland)*, **2021**, 11, 4987	2.6	1
20	Revisit Neural Network based Load Forecasting **2019**,		1
19	Integrated Electricity and Natural Gas System for Day-Ahead Scheduling **2019**,		1
18	Resilience-Constrained Economic Dispatch for Blackout Prevention. *IFAC-PapersOnLine*, **2018**, 51, 450-455	5.7	1
17	Operation Strategy for Electric Vehicle Battery Swap Station Cluster Participating in Frequency Regulation Service. *Processes*, **2021**, 9, 1513	2.9	1

16	Transmission Line Fault-Cause Identification Based on Hierarchical Multiview Feature Selection. *Applied Sciences (Switzerland)*, **2021**, 11, 7804	2.6	1
15	Multi-view deep forecasting for hourly solar irradiance with error correction. *Solar Energy*, **2021**, 228, 308-316	6.8	1
14	A novel acceleration criterion for remote-end grounding-fault in MMC-MTDC under communication anomalies. *International Journal of Electrical Power and Energy Systems*, **2022**, 141, 108131	5.1	1
13	Semi AI-based protection element for MMC-MTDC using local-measurements. *International Journal of Electrical Power and Energy Systems*, **2022**, 142, 108310	5.1	1
12	Renewable Energy in Deregulated Power Market. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2003**, 36, 1173-1178		0
11	Latent multi-view semi-supervised classification by using graph learning. *International Journal of Wavelets, Multiresolution and Information Processing*, **2020**, 18, 2050039	0.9	0
10	Smart City **2021**, 1-171		0
9	. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 2036-2040	7.3	0
8	Augmented Power Dispatch for Resilient Operation through Controllable Series Compensation and N-1-1 Contingency Assessment. *Energies*, **2021**, 14, 4756	3.1	0
7	Hierarchical multiple time scales cyber-physical modeling of demand-side resources in future electricity market. *International Journal of Electrical Power and Energy Systems*, **2021**, 133, 107184	5.1	0
6	Sparse discriminative least squares regression model. *International Journal of Wavelets, Multiresolution and Information Processing*, **2019**, 17, 1950028	0.9	
5	Robust subspace learning method for hyperspectral image classification. *International Journal of Wavelets, Multiresolution and Information Processing*, **2017**, 15, 1750060	0.9	
4	Applications to Power System Scheduling337-402		
3	A Knowledge-based Creation of Mathematical Programming for GIS Problem Solving. *Annals of GIS*, **2005**, 11, 97-112	4.1	
2	A Narrowband Internet of Thing-Based Temperature Prediction for Valve-regulated Lead Acid Battery **2021**, 345-363		
1	Signal Processing for Improving Power Quality. *Energy Systems*, **2010**, 55-100	0.4	