Fangxing Li

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.

339 papers	7,768 citations	42 h-index	76 g-index
401 ext. papers	10,370 ext. citations	6.1 avg, IF	6.86 L-index

#	Paper	IF	Citations
339	Smart Transmission Grid: Vision and Framework. *IEEE Transactions on Smart Grid*, **2010**, 1, 168-177	10.7	621
338	Interval optimization based operating strategy for gas-electricity integrated energy systems considering demand response and wind uncertainty. *Applied Energy*, **2016**, 167, 270-279	10.7	231
337	Next-Generation Monitoring, Analysis, and Control for the Future Smart Control Center. *IEEE Transactions on Smart Grid*, **2010**, 1, 186-192	10.7	229
336	. *IEEE Transactions on Power Systems*, **2007**, 22, 1475-1485	7	194
335	Coordinated V-f and P-Q Control of Solar Photovoltaic Generators With MPPT and Battery Storage in Microgrids. *IEEE Transactions on Smart Grid*, **2014**, 5, 1270-1281	10.7	193
334	Demand Response for Residential Appliances via Customer Reward Scheme. *IEEE Transactions on Smart Grid*, **2014**, 5, 809-820	10.7	178
333	Hardware Design of Smart Home Energy Management System With Dynamic Price Response. *IEEE Transactions on Smart Grid*, **2013**, 4, 1878-1887	10.7	151
332	. *IEEE Transactions on Smart Grid*, **2018**, 9, 438-448	10.7	148
331	Distribution Locational Marginal Pricing (DLMP) for Congestion Management and Voltage Support. *IEEE Transactions on Power Systems*, **2018**, 33, 4061-4073	7	143
330	Review of Reactive Power Planning: Objectives, Constraints, and Algorithms. *IEEE Transactions on Power Systems*, **2007**, 22, 2177-2186	7	129
329	Sizing of Energy Storage and Diesel Generators in an Isolated Microgrid Using Discrete Fourier Transform (DFT). *IEEE Transactions on Sustainable Energy*, **2014**, 5, 907-916	8.2	128
328	5G network-based Internet of Things for demand response in smart grid: A survey on application potential. *Applied Energy*, **2020**, 257, 113972	10.7	125
327	Small-Signal Stability Analysis of a DFIG-Based Wind Power System Under Different Modes of Operation. *IEEE Transactions on Energy Conversion*, **2009**, 24, 972-982	5.4	110
326	Coupon-Based Demand Response Considering Wind Power Uncertainty: A Strategic Bidding Model for Load Serving Entities. *IEEE Transactions on Power Systems*, **2016**, 31, 1025-1037	7	108
325	Day-ahead coordinated operation of utility-scale electricity and natural gas networks considering demand response based virtual power plants. *Applied Energy*, **2016**, 176, 183-195	10.7	107
324	Coordinated Microgrid Frequency Regulation Based on DFIG Variable Coefficient Using Virtual Inertia and Primary Frequency Control. *IEEE Transactions on Energy Conversion*, **2016**, 31, 833-845	5.4	103
323	Maximum Power Point Tracking Strategy for Large-Scale Wind Generation Systems Considering Wind Turbine Dynamics. *IEEE Transactions on Industrial Electronics*, **2015**, 62, 2530-2539	8.9	97

322	. *IEEE Transactions on Power Systems*, **2010**, 25, 1638-1647	7	96
321	A cooperative game approach for coordinating multi-microgrid operation within distribution systems. *Applied Energy*, **2018**, 222, 383-395	10.7	91
320	Intelligent Multi-Microgrid Energy Management Based on Deep Neural Network and Model-Free Reinforcement Learning. *IEEE Transactions on Smart Grid*, **2020**, 11, 1066-1076	10.7	90
319	Probabilistic LMP Forecasting Considering Load Uncertainty. *IEEE Transactions on Power Systems*, **2009**, 24, 1279-1289	7	87
318	Distributed energy storage planning in soft open point based active distribution networks incorporating network reconfiguration and DG reactive power capability. *Applied Energy*, **2018**, 210, 1082-1091	10.7	78
317	A Framework of Residential Demand Aggregation With Financial Incentives. *IEEE Transactions on Smart Grid*, **2018**, 9, 497-505	10.7	77
316	Adaptive PI Control of STATCOM for Voltage Regulation. *IEEE Transactions on Power Delivery*, **2014**, 29, 1002-1011	4.3	76
315	Dynamic demand control for system frequency regulation: Concept review, algorithm comparison, and future vision. *Electric Power Systems Research*, **2018**, 154, 75-87	3.5	71
314	Continuous Locational Marginal Pricing (CLMP). *IEEE Transactions on Power Systems*, **2007**, 22, 1638-1646	7	69
313	Probabilistic Model of Payment Cost Minimization Considering Wind Power and Its Uncertainty. *IEEE Transactions on Sustainable Energy*, **2013**, 4, 716-724	8.2	68
312	. *IEEE Transactions on Power Systems*, **2018**, 33, 6355-6367	7	64
311	. *IEEE Transactions on Power Systems*, **2013**, 28, 1324-1335	7	64
310	Coordinated Bidding Strategy of Wind Farms and Power-to-Gas Facilities Using a Cooperative Game Approach. *IEEE Transactions on Sustainable Energy*, **2020**, 11, 2545-2555	8.2	57
309	Interval Power Flow Analysis Using Linear Relaxation and Optimality-Based Bounds Tightening (OBBT) Methods. *IEEE Transactions on Power Systems*, **2015**, 30, 177-188	7	55
308	Real-Time Price Based Home Energy Management Scheduler. *IEEE Transactions on Power Systems*, **2015**, 30, 2149-2159	7	54
307	Congestion and Price Prediction Under Load Variation. *IEEE Transactions on Power Systems*, **2009**, 24, 911-922	7	54
306	AC vs. DC distribution: Maximum transfer capability **2008**,		51
305	. *IEEE Transactions on Smart Grid*, **2011**, 2, 770-781	10.7	50

304	A cost-effective approach of prioritizing distribution maintenance based on system reliability. *IEEE Transactions on Power Delivery*, **2004**, 19, 439-441	4.3	49
303	A Bi-Level Branch and Bound Method for Economic Dispatch With Disjoint Prohibited Zones Considering Network Losses. *IEEE Transactions on Power Systems*, **2015**, 30, 2841-2855	7	48
302	Strategic scheduling of energy storage for load serving entities in locational marginal pricing market. *IET Generation, Transmission and Distribution*, **2016**, 10, 1258-1267	2.5	47
301	Distribution system security region: definition, model and security assessment. *IET Generation, Transmission and Distribution*, **2012**, 6, 1029	2.5	44
300	. *IEEE Transactions on Power Systems*, **2005**, 20, 493-500	7	44
299	Estimating the Profile of Incentive-Based Demand Response (IBDR) by Integrating Technical Models and Social-Behavioral Factors. *IEEE Transactions on Smart Grid*, **2020**, 11, 171-183	10.7	43
298	A nonintrusive load identification method for residential applications based on quadratic programming. *Electric Power Systems Research*, **2016**, 133, 241-248	3.5	42
297	Total supply capability and its extended indices for distribution systems: definition, model calculation and applications. *IET Generation, Transmission and Distribution*, **2011**, 5, 869	2.5	42
296	Impacts of Cyber System on Microgrid Operational Reliability. *IEEE Transactions on Smart Grid*, **2019** , 10, 105-115	10.7	42
295	Clustering Load Profiles for Demand Response Applications. *IEEE Transactions on Smart Grid*, **2019**, 10, 1599-1607	10.7	42
294	. *IEEE Transactions on Education*, **2015**, 58, 32-38	2.1	41
293	Autonomous and adaptive voltage control using multiple distributed energy resources. *IEEE Transactions on Power Systems*, **2013**, 28, 718-730	7	41
292	Reactive power planning under high penetration of wind energy using Benders decomposition. *IET Generation, Transmission and Distribution*, **2015**, 9, 1835-1844	2.5	39
291	Mixed-Integer Linear Programming-Based Splitting Strategies for Power System Islanding Operation Considering Network Connectivity. *IEEE Systems Journal*, **2018**, 12, 350-359	4.3	39
290	Second-Order Cone Programming-Based Optimal Control Strategy for Wind Energy Conversion Systems Over Complete Operating Regions. *IEEE Transactions on Sustainable Energy*, **2015**, 6, 263-271	8.2	39
289	Introducing Uncertainty Components in Locational Marginal Prices for Pricing Wind Power and Load Uncertainties. *IEEE Transactions on Power Systems*, **2019**, 34, 2013-2024	7	39
288	Network reconfiguration and distributed energy resource scheduling for improved distribution system resilience. *International Journal of Electrical Power and Energy Systems*, **2021**, 124, 106355	5.1	39
287	Coordinated Tuning of DFIG-Based Wind Turbines and Batteries Using Bacteria Foraging Technique for Maintaining Constant Grid Power Output. *IEEE Systems Journal*, **2012**, 6, 16-26	4.3	38

286	Intelligent multi-zone residential HVAC control strategy based on deep reinforcement learning. *Applied Energy*, **2021**, 281, 116117	10.7	38
285	Thermostatic Load Control for System Frequency Regulation Considering Daily Demand Profile and Progressive Recovery. *IEEE Transactions on Smart Grid*, **2019**, 10, 6259-6270	10.7	37
284	Day-ahead optimal scheduling method for grid-connected microgrid based on energy storage control strategy. *Journal of Modern Power Systems and Clean Energy*, **2016**, 4, 648-658	4	37
283	Observation of Security Region Boundary for Smart Distribution Grid. *IEEE Transactions on Smart Grid*, **2017**, 8, 1731-1738	10.7	36
282	A Bilevel Optimization Model for Risk Assessment and Contingency Ranking in Transmission System Reliability Evaluation. *IEEE Transactions on Power Systems*, **2017**, 32, 3803-3813	7	36
281	P-Q and P-V Control of Photovoltaic Generators in Distribution Systems. *IEEE Transactions on Smart Grid*, **2015**, 6, 2929-2941	10.7	36
280	Reliability models of wind farms considering wind speed correlation and WTG outage. *Electric Power Systems Research*, **2015**, 119, 385-392	3.5	36
279	Bilevel Arbitrage Potential Evaluation for Grid-Scale Energy Storage Considering Wind Power and LMP Smoothing Effect. *IEEE Transactions on Sustainable Energy*, **2018**, 9, 707-718	8.2	36
278	**2009**,		35
277	GPU-Based Fast Decoupled Power Flow With Preconditioned Iterative Solver and Inexact Newton Method. *IEEE Transactions on Power Systems*, **2017**, 32, 2695-2703	7	34
276	Model-Free Emergency Frequency Control Based on Reinforcement Learning. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 2336-2346	11.9	33
275	. *IEEE Power and Energy Magazine*, **2018**, 16, 76-84	2.4	32
274	. *IEEE Transactions on Smart Grid*, **2016**, 7, 460-470	10.7	32
273	An islanding detection methodology combining decision trees and Sandia frequency shift for inverter-based distributed generations. *IET Generation, Transmission and Distribution*, **2017**, 11, 4104-4113	2.5	32
272	Data quality issues for synchrophasor applications Part I: a review. *Journal of Modern Power Systems and Clean Energy*, **2016**, 4, 342-352	4	32
271	Projection Pursuit: A General Methodology of Wide-Area Coherency Detection in Bulk Power Grid. *IEEE Transactions on Power Systems*, **2016**, 31, 2776-2786	7	31
270	GPU-based power flow analysis with Chebyshev preconditioner and conjugate gradient method. *Electric Power Systems Research*, **2014**, 116, 87-93	3.5	31
269	Reactive Power from Distributed Energy. *Electricity Journal*, **2006**, 19, 27-38	2.6	31

268	A hybrid dynamic demand control strategy for power system frequency regulation. *CSEE Journal of Power and Energy Systems*, **2017**, 3, 176-185	2.3	30
267	Robust Scheduling for Wind Integrated Energy Systems Considering Gas Pipeline and Power Transmission N□1 Contingencies. *IEEE Transactions on Power Systems*, **2016**, 1-1	7	30
266	Dynamic Gain-Tuning Control (DGTC) Approach for AGC With Effects of Wind Power. *IEEE Transactions on Power Systems*, **2016**, 31, 3339-3348	7	30
265	Vulnerability assessment for cascading failures in electric power systems **2009**,		30
264	Achieving 100x Acceleration for N-1 Contingency Screening With Uncertain Scenarios Using Deep Convolutional Neural Network. *IEEE Transactions on Power Systems*, **2019**, 34, 3303-3305	7	29
263	Reactive Power Planning Based on Fuzzy Clustering, Gray Code, and Simulated Annealing. *IEEE Transactions on Power Systems*, **2011**, 26, 2246-2255	7	29
262	A Hierarchical Real-Time Balancing Market Considering Multi-Microgrids With Distributed Sustainable Resources. *IEEE Transactions on Sustainable Energy*, **2020**, 11, 72-83	8.2	29
261	Hybrid voltage stability assessment (VSA) for N□1 contingency. *Electric Power Systems Research*, **2015**, 122, 65-75	3.5	28
260	Comprehensive Review of the Recent Advances in Industrial and Commercial DR. *IEEE Transactions on Industrial Informatics*, **2019**, 15, 3757-3771	11.9	27
259	. *IEEE Transactions on Power Delivery*, **2016**, 31, 1921-1933	4.3	27
258	Energy Management System for Stand-Alone Wind-Powered-Desalination Microgrid. *IEEE Transactions on Smart Grid*, **2014**, 1-1	10.7	27
257	Distributed processing of reliability index assessment and reliability-based network reconfiguration in power distribution systems. *IEEE Transactions on Power Systems*, **2005**, 20, 230-238	7	27
256	Interval radial power flow using extended DistFlow formulation and Krawczyk iteration method with sparse approximate inverse preconditioner. *IET Generation, Transmission and Distribution*, **2015**, 9, 1998-2006	2.5	26
255	**2011**,		26
254	Stochastic subspace identification-based approach for tracking inter-area oscillatory modes in bulk power system utilising synchrophasor measurements. *IET Generation, Transmission and Distribution*, **2015**, 9, 2409-2418	2.5	25
253	Computing All Nash Equilibria of Multiplayer Games in Electricity Markets by Solving Polynomial Equations. *IEEE Transactions on Power Systems*, **2012**, 27, 81-91	7	25
252	Economic dispatch of wind integrated power systems with energy storage considering composite operating costs. *IET Generation, Transmission and Distribution*, **2016**, 10, 1294-1303	2.5	25
251	State Space Model of Aggregated Electric Vehicles for Frequency Regulation. *IEEE Transactions on Smart Grid*, **2020**, 11, 981-994	10.7	25

250	When East meets West: Understanding residents□home energy management system adoption intention and willingness to pay in Japan and the United States. *Energy Research and Social Science*, **2020**, 69, 101616	7.7	24
249	Strategic CBDR bidding considering FTR and wind power. *IET Generation, Transmission and Distribution*, **2016**, 10, 2464-2474	2.5	24
248	Adjustable robust optimal power flow with the price of robustness for large-scale power systems. *IET Generation, Transmission and Distribution*, **2016**, 10, 164-174	2.5	23
247	Modelling wind power spatial-temporal correlation in multi-interval optimal power flow: A sparse correlation matrix approach. *Applied Energy*, **2018**, 230, 531-539	10.7	23
246	Hierarchical Optimization for the Double-Sided Ring Structure of the Collector System Planning of Large Offshore Wind Farms. *IEEE Transactions on Sustainable Energy*, **2017**, 8, 1029-1039	8.2	22
245	Optimisation of rating and positioning of dispersed generation with minimum network disruption		22
244	. *IEEE Transactions on Smart Grid*, **2015**, 6, 2704-2713	10.7	21
243	A Hierarchical Modeling for Reactive Power Optimization With Joint Transmission and Distribution Networks by Curve Fitting. *IEEE Systems Journal*, **2018**, 12, 2739-2748	4.3	20
242	A comparative study of measurement-based Thevenin equivalents identification methods **2014**,		20
241	Improving an Unjustified Common Practice in Ex Post LMP Calculation. *IEEE Transactions on Power Systems*, **2010**, 25, 1195-1197	7	20
240	Data quality issues for synchrophasor applications Part II: problem formulation and potential solutions. *Journal of Modern Power Systems and Clean Energy*, **2016**, 4, 353-361	4	20
239	Evaluation of LMP Intervals Considering Wind Uncertainty. *IEEE Transactions on Power Systems*, **2016**, 31, 2495-2496	7	19
238	A Scalable and Distributed Algorithm for Managing Residential Demand Response Programs Using Alternating Direction Method of Multipliers (ADMM). *IEEE Transactions on Smart Grid*, **2020**, 11, 4871-4882	10.7	19
237	Electric Vehicle Aggregator Modeling and Control for Frequency Regulation Considering Progressive State Recovery. *IEEE Transactions on Smart Grid*, **2020**, 11, 4176-4189	10.7	19
236	Mean-Variance Optimization-Based Energy Storage Scheduling Considering Day-Ahead and Real-Time LMP Uncertainties. *IEEE Transactions on Power Systems*, **2018**, 33, 7292-7295	7	19
235	Integrating micro-generation into distribution systems □a review of recent research **2008**,		19
234	Lift-and-project MVEE based convex hull for robust SCED with wind power integration using historical data-driven modeling approach. *Renewable Energy*, **2016**, 92, 415-427	8.1	19
233	Security region of natural gas network in electricity-gas integrated energy system. *International Journal of Electrical Power and Energy Systems*, **2020**, 117, 105601	5.1	19

232	Wide-area measurement-based voltage stability sensitivity and its application in voltage control. *International Journal of Electrical Power and Energy Systems*, **2017**, 88, 87-98	5.1	18
231	Optimal design of battery energy storage system for a wind–diesel off-grid power system in a remote Canadian community. *IET Generation, Transmission and Distribution*, **2016**, 10, 608-616	2.5	18
230	. *IEEE Transactions on Sustainable Energy*, **2014**, 5, 466-475	8.2	18
229	Measuring the volatility of wholesale electricity prices caused by wind power uncertainty with a correlation model. *IET Renewable Power Generation*, **2012**, 6, 315-323	2.9	18
228	Fully reference-independent LMP decomposition using reference-independent loss factors. *Electric Power Systems Research*, **2011**, 81, 1995-2004	3.5	18
227	A linear contribution factor model of distribution reliability indices and its applications in Monte Carlo simulation and sensitivity analysis. *IEEE Transactions on Power Systems*, **2003**, 18, 1213-1215	7	18
226	Reliability assessment method of composite power system with wind farms and its application in capacity credit evaluation of wind farms. *Electric Power Systems Research*, **2019**, 166, 73-82	3.5	18
225	Multi-task deep reinforcement learning for intelligent multi-zone residential HVAC control. *Electric Power Systems Research*, **2021**, 192, 106959	3.5	17
224	Optimal Power Flow With the Consideration of Flexible Transmission Line Impedance. *IEEE Transactions on Power Systems*, **2016**, 31, 1655-1656	7	16
223	A multi-uncertainty-set based two-stage robust optimization to defender–attacker–defender model for power system protection. *Reliability Engineering and System Safety*, **2018**, 169, 179-186	6.3	16
222	Residential HVAC Aggregation Based on Risk-averse Multi-armed Bandit Learning for Secondary Frequency Regulation. *Journal of Modern Power Systems and Clean Energy*, **2020**, 8, 1160-1167	4	16
221	Decentralized optimization operation for the multiple integrated energy systems with energy cascade utilization. *Applied Energy*, **2020**, 280, 115989	10.7	16
220	Spectral clustering-based partitioning of volt/VAR control areas in bulk power systems. *IET Generation, Transmission and Distribution*, **2017**, 11, 1126-1133	2.5	15
219	Model of distribution system total supply capability considering feeder and substation transformer contingencies. *International Journal of Electrical Power and Energy Systems*, **2015**, 65, 419-424	5.1	15
218	Identification of voltage stability critical injection region in bulk power systems based on the relative gain of voltage coupling. *IET Generation, Transmission and Distribution*, **2016**, 10, 1495-1503	2.5	15
217	Interval Optimization for Available Transfer Capability Evaluation Considering Wind Power Uncertainty. *IEEE Transactions on Sustainable Energy*, **2020**, 11, 250-259	8.2	15
216	Available transfer capability evaluation in a deregulated electricity market considering correlated wind power. *IET Generation, Transmission and Distribution*, **2018**, 12, 53-61	2.5	14
215	Wind power forecasting based on outlier smooth transition autoregressive GARCH model. *Journal of Modern Power Systems and Clean Energy*, **2018**, 6, 532-539	4	14

214	Exact Penalty Function Based Constraint Relaxation Method for Optimal Power Flow Considering Wind Generation Uncertainty. *IEEE Transactions on Power Systems*, **2015**, 30, 1546-1547	7	14
213	Droop Control for DC Multi-Microgrids Based on Local Adaptive Fuzzy Approach and Global Power Allocation Correction. *IEEE Transactions on Smart Grid*, **2019**, 10, 5468-5478	10.7	14
212	A bi-objective DC-optimal power flow model using linear relaxation-based second order cone programming and its Pareto Frontier. *International Journal of Electrical Power and Energy Systems*, **2017**, 88, 13-20	5.1	13
211	Adjustable robust power dispatch with combined wind-storage system and carbon capture power plants under low-carbon economy. *International Journal of Electrical Power and Energy Systems*, **2019**, 113, 772-781	5.1	13
210	ADMM-based distributed optimal reactive power control for loss minimization of DFIG-based wind farms. *International Journal of Electrical Power and Energy Systems*, **2020**, 118, 105827	5.1	13
209	Synchrophasor measurement-based correlation approach for dominant mode identification in bulk power systems. *IET Generation, Transmission and Distribution*, **2016**, 10, 2710-2719	2.5	13
208	Distributed algorithms with theoretic scalability analysis of radial and looped load flows for power distribution systems. *Electric Power Systems Research*, **2003**, 65, 169-177	3.5	13
207	Bidding strategy for wind generation considering conventional generation and transmission constraints. *Journal of Modern Power Systems and Clean Energy*, **2015**, 3, 51-62	4	12
206	TS-fuzzy controlled DFIG based wind energy conversion systems **2009**,		12
205	A Preliminary Analysis of the Economics of Using Distributed Energy as a Source of Reactive Power Supply		12
204	Cyber-physical system testbed for power system monitoring and wide-area control verification. *IET Energy Systems Integration*, **2020**, 2, 32-39	3.3	12
203	Flatness-based adaptive control (FBAC) for STATCOM. *Electric Power Systems Research*, **2015**, 122, 76-85	3.5	11
202	Application of battery-supercapacitor energy storage system for smoothing wind power output: An optimal coordinated control strategy **2016**,		11
201	Loadability formulation and calculation for interconnected distribution systems considering N-1 security. *International Journal of Electrical Power and Energy Systems*, **2016**, 77, 70-76	5.1	11
200	Distribution network reconfiguration with aggregated electric vehicle charging strategy **2015**,		11
199	Market-Level Defense Against FDIA and a New LMP-Disguising Attack Strategy in Real-Time Market Operations. *IEEE Transactions on Power Systems*, **2021**, 36, 1419-1431	7	11
198	Post-extreme-event restoration using linear topological constraints and DER scheduling to enhance distribution system resilience. *International Journal of Electrical Power and Energy Systems*, **2021**, 131, 107029	5.1	11
197	Security-Based Active Demand Response Strategy Considering Uncertainties in Power Systems. *IEEE Access*, **2017**, 5, 16953-16962	3.5	10

196	A decision tree based approach for microgrid islanding detection **2015**,		10
195	Probabilistic available transfer capability evaluation for power systems including high penetration of wind power **2014**,		10
194	Properly understanding the impacts of distributed resources on distribution systems **2010**,		10
193	Software framework concepts for power distribution system analysis. *IEEE Transactions on Power Systems*, **2004**, 19, 948-956	7	10
192	A comparison study on trading behavior and profit distribution in local energy transaction games. *Applied Energy*, **2020**, 280, 115941	10.7	10
191	An eigensystem realization algorithm based data-driven approach for extracting electromechanical oscillation dynamic patterns from synchrophasor measurements in bulk power grids. *International Journal of Electrical Power and Energy Systems*, **2020**, 116, 105549	5.1	10
190	Estimating DLMP confidence intervals in distribution networks with AC power flow model and uncertain renewable generation. *IET Generation, Transmission and Distribution*, **2020**, 14, 1467-1475	2.5	9
189	A Large-Scale Testbed as a Virtual Power Grid: For Closed-Loop Controls in Research and Testing. *IEEE Power and Energy Magazine*, **2020**, 18, 60-68	2.4	9
188	Multichannel continuous wavelet transform approach to estimate electromechanical oscillation modes, mode shapes and coherent groups from synchrophasors in bulk power grids. *International Journal of Electrical Power and Energy Systems*, **2018**, 96, 222-237	5.1	9
187	$S^{3}A$: A Secure Data Sharing Mechanism for Situational Awareness in The Power Grid. *IEEE Transactions on Smart Grid*, **2013**, 4, 1751-1759	10.7	9
186	Volt/Var control using inverter-based distributed energy resources **2011**,		9
185	Distributed generation planning in the deregulated electricity supply industry		9
184	S-shaped droop control method with secondary frequency characteristics for inverters in microgrid. *IET Generation, Transmission and Distribution*, **2016**, 10, 3385-3392	2.5	9
183	A multi-market nanogrid P2P energy and ancillary service trading paradigm: Mechanisms and implementations. *Applied Energy*, **2021**, 293, 116938	10.7	9
182	Tri-Level Scheduling Model Considering Residential Demand Flexibility of Aggregated HVACs and EVs Under Distribution LMP. *IEEE Transactions on Smart Grid*, **2021**, 12, 3990-4002	10.7	9
181	Fast Cascading Outage Screening Based on Deep Convolutional Neural Network and Depth-First Search. *IEEE Transactions on Power Systems*, **2020**, 35, 2704-2715	7	8
180	A Probability-Driven Multilayer Framework for Scheduling Intermittent Renewable Energy. *IEEE Transactions on Sustainable Energy*, **2012**, 3, 455-464	8.2	8
179	Short term load forecasting using regime-switching GARCH models **2011**,		8

178	Impacts of varying penetration of distributed resources with & without volt/var control: Case study of varying load types **2011**,		8
177	Marginal loss calculation in competitive electrical energy markets		8
176	Resilient distribution system leveraging distributed generation and microgrids: a review. *IET Energy Systems Integration*, **2020**, 2, 289-304	3.3	8
175	Quantitative Model of the Electricity-Shifting Curve in an Energy Hub Based on Aggregated Utility Curve of Multi-Energy Demands. *IEEE Transactions on Smart Grid*, **2021**, 12, 1329-1345	10.7	8
174	Profit-Oriented False Data Injection on Electricity Market: Reviews, Analyses, and Insights. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 5876-5886	11.9	8
173	Adjustable and distributionally robust chance-constrained economic dispatch considering wind power uncertainty. *Journal of Modern Power Systems and Clean Energy*, **2019**, 7, 658-664	4	7
172	Coordinating multi-microgrid operation within distribution system: A cooperative game approach **2017**,		7
171	Real and reactive power control of a three-phase single-stage PV system and PV voltage stability **2012**,		7
170	Efficient Estimation of Critical Load Levels Using Variable Substitution Method. *IEEE Transactions on Power Systems*, **2011**, 26, 2472-2482	7	7
169	Allocation of emission allowances to effectively reduce emissions in electricity generation **2009**,		7
168	Application of Ordinal Optimization for distribution system reconfiguration **2009**,		7
167	**2008**,		7
166	Toward a self-healing protection and control system **2008**,		7
165	Development of a Novel MW+MVAr-Miles Charging Methodology		7
164	Enhancing distribution system resilience against extreme weather events: Concept review, algorithm summary, and future vision. *International Journal of Electrical Power and Energy Systems*, **2022**, 138, 107860	5.1	7
163	Model-Based and Data-Driven HVAC Control Strategies for Residential Demand Response. *IEEE Open Access Journal of Power and Energy*, **2021**, 8, 186-197	3.8	7
162	Decentralized Data-Driven Load Restoration in Coupled Transmission and Distribution System With Wind Power. *IEEE Transactions on Power Systems*, **2021**, 36, 4435-4444	7	7
161	Grouping control strategy for aggregated thermostatically controlled loads. *Electric Power Systems Research*, **2019**, 171, 97-104	3.5	6

160	Real-time wide-area loading margin sensitivity (WALMS) in power systems **2015**,		6
159	Robust mean-variance optimization model for grid-connected microgrids **2015**,		6
158	Hierarchical service restoration scheme for active distribution networks based on ADMM. *International Journal of Electrical Power and Energy Systems*, **2020**, 118, 105809	5.1	6
157	A measurement-based VSI for voltage dependent loads using angle difference between tangent lines of load and PV curves. *Electric Power Systems Research*, **2018**, 160, 13-16	3.5	6
156	Hybrid component and configuration model for combined-cycle units in unit commitment problem. *Journal of Modern Power Systems and Clean Energy*, **2018**, 6, 1332-1337	4	6
155	Progressive time-differentiated peak pricing (PTPP) for aggregated air-conditioning load in demand response programs. *International Transactions on Electrical Energy Systems*, **2019**, 29, e2664	2.2	6
154	A Generic Framework for Analytical Probabilistic Assessment of Frequency Stability in Modern Power System Operational Planning. *IEEE Transactions on Power Systems*, **2019**, 34, 3973-3976	7	6
153	An Equivalent Aggregated Model of Large-Scale Flexible Loads for Load Scheduling. *IEEE Access*, **2019**, 7, 143431-143444	3.5	6
152	Probabilistic LMP forecasting under AC optimal power flow framework: Theory and applications. *Electric Power Systems Research*, **2012**, 88, 16-24	3.5	6
151	Spatial-temporal decomposition approach for systematically tracking dominant modes, mode shapes and coherent groups in power systems. *IET Generation, Transmission and Distribution*, **2017**, 11, 1889-1900	2.5	6
150	DFIG virtual inertia control in micro-grid based on setting trigger condition and ZN method for parameters optimisation. *IET Generation, Transmission and Distribution*, **2017**, 11, 3765-3775	2.5	6
149	GPU-based two-step preconditioning for conjugate gradient method in power flow **2015**,		6
148	**2015**,		6
147	Constructive back-feed algorithm for online power restoration in distribution systems **2009**,		6
146	Voltage stability constrained optimal power flow (VSCOPF) with two sets of variables (TSV) for reactive power planning **2008**,		6
145	Bootstrap-based confidence interval estimation for thermal security region of bulk power grid. *International Journal of Electrical Power and Energy Systems*, **2020**, 115, 105498	5.1	6
144	Consumer Psychology Based Optimal Portfolio Design for Demand Response Aggregators. *Journal of Modern Power Systems and Clean Energy*, **2021**, 9, 431-439	4	6
143	Hybrid Symbolic-Numeric Framework for Power System Modeling and Analysis. *IEEE Transactions on Power Systems*, **2021**, 36, 1373-1384	7	6

142	Resilience-Oriented DG Siting and Sizing Considering Stochastic Scenario Reduction. *IEEE Transactions on Power Systems*, **2021**, 36, 3715-3727	7	6
141	Graph theory based splitting strategies for power system islanding operation **2015**,		5
140	. *IEEE Transactions on Smart Grid*, **2016**, 1-1	10.7	5
139	Zigzag search for multi-objective optimization considering generation cost and emission. *Applied Energy*, **2019**, 255, 113814	10.7	5
138	QV interaction evaluation and pilot voltage-reactive power coupling area partitioning in bulk power systems. *IET Science, Measurement and Technology*, **2017**, 11, 270-278	1.5	5
137	A comprehensive user interactive simulation tool for smart home application **2014**,		5
136	Air conditioning stall phenomenon - Testing, model development, and simulation **2012**,		5
135	Hierarchical Utilization Control for Real-Time and Resilient Power Grid **2009**,		5
134	Bayesian Inferencing for Wind Resource Characterisation **2006**,		5
133			5
132	Extended Park's vector method in early inter-turn short circuit fault detection for the stator windings of offshore wind doubly-fed induction generators. *IET Generation, Transmission and Distribution*, **2020**, 14, 3905-3912	2.5	5
131	A Sparse and Low-Order Implementation for Discretization-Based Eigen-Analysis of Power Systems With Time-Delays. *IEEE Transactions on Power Systems*, **2019**, 34, 5091-5094	7	5
130	Characteristics of locational uncertainty marginal price for correlated uncertainties of variable renewable generation and demands. *Applied Energy*, **2021**, 282, 116064	10.7	5
129	Estimating electromechanical oscillation modes from synchrophasor measurements in bulk power grids using FSSI. *IET Generation, Transmission and Distribution*, **2018**, 12, 2347-2358	2.5	5
128	A Comprehensive Scheduling Framework Using SP-ADMM for Residential Demand Response With Weather and Consumer Uncertainties. *IEEE Transactions on Power Systems*, **2021**, 36, 3004-3016	7	5
127	Interval arithmetic based optimal curtailment for infeasible SCED considering wind power uncertainties **2015**,		4
126	State-shift priority based progressive load control of residential HVAC units for frequency regulation. *Electric Power Systems Research*, **2020**, 182, 106194	3.5	4
125	Using virtual buses and optimal multipliers to converge the sequential AC/DC power flow under high load cases. *Electric Power Systems Research*, **2019**, 177, 106015	3.5	4

124	Reactive power planning considering high penetration of wind energy **2014**,		4
123	Models and methods for low-carbon footprint analysis of grid-connected photovoltaic generation from a distribution network planning perspective. *Energy Science and Engineering*, **2017**, 5, 290-301	3.4	4
122	The impact of FTR on LSE's strategic bidding considering coupon based demand response **2015**,		4
121	A hybrid islanding detection technique for inverter based distributed generations **2015**,		4
120	**2014**,		4
119	Cost and emission savings from the deployment of variable electricity tariffs and advanced domestic energy hub storage management **2014**,		4
118	GARCH in mean type models for wind power forecasting **2013**,		4
117	**2010**,		4
116	Instantaneous active and nonactive power control of distributed energy resources with a current limiter **2010**,		4
115	Parallel computing of sparse linear systems using matrix condensation algorithm **2011**,		4
114	Optimal power generation mix towards an emission target **2011**,		4
113	Aggregation of multiple induction motors using MATLAB-based software package **2009**,		4
112	Assessment of the Economic Benefits from Reactive Power Compensation **2006**,		4
111	Valuing emissions from electricity towards a low carbon economy		4
110	Web-enabling applications for outsourced computing. *IEEE Power and Energy Magazine*, **2003**, 1, 53-57	2.4	4
109	Deep Reinforcement Learning for Residential HVAC Control with Consideration of Human Occupancy **2020**,		4
108	Eastern Interconnection Demand Response Potential		4
107	Optimal power allocation strategy for black start in VSC-MTDC systems considering dynamic impacts. *Electric Power Systems Research*, **2021**, 193, 107023	3.5	4

106	Redesigning capacity market to include flexibility via ramp constraints in high-renewable penetrated system. *International Journal of Electrical Power and Energy Systems*, **2021**, 128, 106677	5.1	4
105	Risk Constrained Scheduling of Energy Storage for Load Serving Entities Considering Load and LMP Uncertainties. *IFAC-PapersOnLine*, **2016**, 49, 318-323	0.7	4
104	A Distributed Energy Management Approach for Residential Demand Response **2019**,		4
103	Encoding Frequency Constraints in Preventive Unit Commitment Using Deep Learning with Region-of-Interest Active Sampling. *IEEE Transactions on Power Systems*, **2021**, 1-1	7	4
102	Graph Computation based Power Flow for Large-Scale AC/DC System **2018**,		4
101	Deep Reinforcement Learning based Model-free On-line Dynamic Multi-Microgrid Formation to Enhance Resilience. *IEEE Transactions on Smart Grid*, **2022**, 1-1	10.7	4
100	A comparative analysis of intelligent classifiers for passive islanding detection in microgrids **2015**,		3
99	Power Grid Simulation Testbed for Transactive Energy Management Systems. *Sustainability*, **2020**, 12, 4402	3.6	3
98	Estimation of the largest eigenvalue in Chebyshev preconditioner for parallel conjugate gradient method-based power flow computation. *IET Generation, Transmission and Distribution*, **2016**, 10, 123-130	2.5	3
97	Available transfer capability calculations considering demand response **2017**,		3
96	A new DMS with real-time security analysis and control based on security region **2015**,		3
95	Prediction of critical load levels for AC optimal power flow dispatch model. *International Journal of Electrical Power and Energy Systems*, **2012**, 42, 635-643	5.1	3
94	Marginal unit generation sensitivity and its applications in transmission congestion prediction and LMP calculation **2011**,		3
93	Small test systems for power system economic studies **2010**,		3
92	Optimal utilization of transmission capacity to reduce congestion with distributed FACTS **2009**,		3
91	Robust optimization-based DC optimal power flow for managing wind generation uncertainty **2012** ,		3
90	Small signal stability analysis of a DFIG based wind power system with tuned damping controller under super/sub-synchronous mode of operation **2009**,		3
89	Power flow studies using principal component analysis **2008**,		3

88	Assessment of Quick Start Resource Requirements in Market Operations		3
87	Sizing a flexible spinning reserve level with artificial neural networks		3
86	A Machine Learning-based Vulnerability Analysis for Cascading Failures of Integrated Power-Gas Systems. *IEEE Transactions on Power Systems*, **2021**, 1-1	7	3
85	Optimal Energy-Hub Planning Based on Dimension Reduction and Variable-Sized Unimodal Searching. *IEEE Transactions on Smart Grid*, **2021**, 12, 1481-1495	10.7	3
84	Confidence interval estimates for loading margin sensitivity for voltage stability monitoring in the presence of renewable energy **2016**,		3
83	Enabling Model-Based LTI for Large-Scale Power System Security Monitoring and Enhancement With Graph-Computing-Based Power Flow Calculation. *IEEE Access*, **2019**, 7, 167010-167018	3.5	3
82	From Systematic Risk to Systemic Risk: Analysis Over Day-Ahead Market Operation Under High Renewable Penetration by CoVaR and Marginal CoVaR. *IEEE Transactions on Sustainable Energy*, **2021**, 12, 761-771	8.2	3
81	Hybrid Imitation Learning for Real-Time Service Restoration in Resilient Distribution Systems. *IEEE Transactions on Industrial Informatics*, **2021**, 1-1	11.9	3
80	Deep Learning based Model-free Robust Load Restoration to Enhance Bulk System Resilience with Wind Power Penetration. *IEEE Transactions on Power Systems*, **2021**, 1-1	7	3
79	ANDES: A Python-Based Cyber-Physical Power System Simulation Tool **2018**,		3
78	Estimating electromechanical oscillation modes from synchrophasor measurements in China Southern Power Grid. *Electric Power Systems Research*, **2018**, 161, 212-223	3.5	3
77	Cyber-Vulnerability Analysis for Real-Time Power Market Operation. *IEEE Transactions on Smart Grid*, **2021**, 12, 3527-3537	10.7	3
76	Risk assessment and mitigation on area-level RoCoF for operational planning. *Energy*, **2021**, 228, 120632	7.9	3
75	Three-phase DLMP model based on linearized power flow for distribution with application to DER benefit studies. *International Journal of Electrical Power and Energy Systems*, **2021**, 130, 106884	5.1	3
74	Partitioning voltage stability critical injection regions via electrical network response and dynamic relative gain **2016**,		2
73	An observation method based on N-1 simulation for distribution system security region **2016**,		2
72	**2013**,		2
71	Utility-Side Voltage and PQ Control with Inverter-based Photovoltaic Systems. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2011**, 44, 6110-6116		2

70	Interpolation approximation of voltage stability constrained opf (vscopf) for reactive power planning. *European Transactions on Electrical Power*, **2011**, 21, 155-164		2
69	Reactive power planning based on fuzzy clustering and multivariate linear regression **2010**,		2
68	Heuristic optimal restoration based on constructive algorithms for future smart grids **2011**,		2
67	Preventing delayed voltage recovery with voltage-regulating distributed energy resources **2009**,		2
66	Active power and nonactive power control of distributed energy resources **2008**,		2
65	Stability Constrained Optimal Power Flow in a Practical Balancing Market. *IEEE Power Engineering Society General Meeting*, **2007**,		2
64	Knowledge guided genetic algorithm for optimal contracting strategy in a typical standing reserve market		2
63	. *IEEE Transactions on Smart Grid*, **2021**, 1-1	10.7	2
62	Tight Semidefinite Relaxation for Interval Power Flow Model Based on Multi-Dimensional Holomorphic Embedding Method. *IEEE Transactions on Power Systems*, **2020**, 1-1	7	2
61	Bi-level strategic bidding model for P2G facilities considering a carbon emission trading scheme-embedded LMP and wind power uncertainty. *International Journal of Electrical Power and Energy Systems*, **2021**, 128, 106740	5.1	2
60	Holomorphic Embedding Power Flow for AC/DC Hybrid Power Systems Using Bauer's Eta Algorithm. *IEEE Transactions on Power Systems*, **2021**, 36, 3595-3606	7	2
59	A Graph Computation based Sequential Power Flow Calculation for Large-Scale AC/DC Systems **2019**,		2
58	Synchrophasor Measurement-based Modal Analysis in Power Grids **2019**,		2
57	Graph Computing Based Distributed Parallel Power Flow for AC/DC Systems with Improved Initial Estimate. *Journal of Modern Power Systems and Clean Energy*, **2021**, 9, 253-263	4	2
56	. *IEEE Transactions on Power Systems*, **2021**, 1-1	7	2
55	Stability Assessment of Secondary Frequency Control System With Dynamic False Data Injection Attacks. *IEEE Transactions on Industrial Informatics*, **2021**, 1-1	11.9	2
54	Collection System Topology for Deep-sea Offshore Wind Farms Considering Wind Characteristics. *IEEE Transactions on Energy Conversion*, **2021**, 1-1	5.4	2
53	Data-Driven Joint Voltage Stability Assessment Considering Load Uncertainty: A Variational Bayes Inference Integrated with Multi-CNNs. *IEEE Transactions on Power Systems*, **2021**, 1-1	7	2

52	Integrating a Multi-microgrid System into Real-time Balancing Market: Problem Formulation and Solution Technique **2018**,		2
51	Capacity Market Model Considering Flexible Resource Requirements **2018**,		2
50	Guest Editorial Special Section on Industrial and Commercial Demand Response. *IEEE Transactions on Industrial Informatics*, **2018**, 14, 5017-5019	11.9	2
49	Impact of Neutral Current on Concentric Cable Overloading **2018**,		2
48	Effective Parallelism for Equation and Jacobian Evaluation in Large-Scale Power Flow Calculation. *IEEE Transactions on Power Systems*, **2021**, 36, 4872-4875	7	2
47	Resilience Evaluation and Enhancement for Island City Integrated Energy Systems. *IEEE Transactions on Smart Grid*, **2022**, 1-1	10.7	2
46	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
45	Control and limit enforcements for VSC multi-terminal HVDC in newton power flow **2017**,		1
44	P-Q curve based voltage stability analysis considering wind power **2017**,		1
43	Available transfer capability of photovoltaic generation incorporated system **2014**,		1
42	Bi-level linear programming based interval optimization for SCED in the presence of wind power uncertainty **2014**,		1
41	**2010**,		1
40	An adaptive voltage control algorithm with multiple distributed energy resources **2009**,		1
39	Impact to use of circuit breaker charges from different fault current growth rates **2011**,		1
38	Smoothing Out Step Changes of LMP. *Electricity Journal*, **2008**, 21, 43-49	2.6	1
37	MW+MVAr-miles based distribution charging methodology **2006**,		1
36	Experiment and simulation of dynamic voltage regulation with multiple distributed energy resources **2007**,		1
35	Genetic algorithm approach to more consistent and cost effective unit commitment		1

34	Stochastic Planning of Integrated Energy System via Frank-Copula Function and Scenario Reduction. *IEEE Transactions on Smart Grid*, **2022**, 13, 202-212	10.7	1
33	Overvoltage Mitigation through Volt-VAR Control of Distributed PV Systems **2020**,		1
32	Evolutionary Game Based Demand Response Bidding Strategy for End-users Using Q-Learning and Compound Differential Evolution. *IEEE Transactions on Cloud Computing*, **2021**, 1-1	3.3	1
31	Application of TS-Fuzzy Controller for Active Power and DC Capacitor Voltage Control in DFIG-Based Wind Energy Conversion Systems. *Green Energy and Technology*, **2010**, 367-382	0.6	1
30	Stochastic subspace identification based data-driven approach for monitoring electromechanical dynamics from phasor measurement units. *IET Generation, Transmission and Distribution*, **2020**, 14, 3983-3991	2.5	1
29	A generalized voltage stability indicator based on the tangential angles of PV and load curves considering voltage dependent load models. *International Journal of Electrical Power and Energy Systems*, **2021**, 127, 106624	5.1	1
28	**2016**,		1
27	Volt-VAR interaction evaluation in bulk power systems **2016**,		1
26	Power management strategy combining energy storage and demand response for microgrid emergency autonomous operation **2016**,		1
25	Relaxed decoupled direct calculation of voltage collapse points and its application in static voltage stability region boundary formation. *International Journal of Electrical Power and Energy Systems*, **2021**, 125, 106452	5.1	1
24	Privacy-Preserving Baseline Load Reconstruction for Residential Demand Response Considering Distributed Energy Resources. *IEEE Transactions on Industrial Informatics*, **2021**, 1-1	11.9	1
23	Branching Dueling Q-Network Based Online Scheduling of a Microgrid With Distributed Energy Storage Systems. *IEEE Transactions on Smart Grid*, **2021**, 1-1	10.7	1
22	. *IEEE Transactions on Energy Conversion*, **2021**, 1-1	5.4	1
21	Analytical Approach to Estimating the Probability of Transient Stability under Stochastic Disturbances **2018**,		1
20	Extended LMP under High-Penetration Wind Power **2018**,		1
19	Optimal Sizing and Operation Strategy for Hybrid Energy Storage Systems Considering Wind Uncertainty **2018**,		1
18	Total supply and accommodation capability curves for active distribution networks: Concept and model. *International Journal of Electrical Power and Energy Systems*, **2021**, 133, 107279	5.1	1
17	Dynamic game-based defensive primary frequency control system considering intelligent attackers. *Reliability Engineering and System Safety*, **2021**, 216, 107966	6.3	1

16	Co-optimization of repairs and dynamic network reconfiguration for improved distribution system resilience. *Applied Energy*, **2022**, 318, 119245	10.7	1
15	Eigenvalue Analysis of a DFIG Based Wind Power System under Different Modes of Operations. *Green Energy and Technology*, **2010**, 191-213	0.6	0
14	Systemic Risk in Power Markets based on Financial Resilience and Financial Reliability under High Penetration of Renewables. *IEEE Transactions on Power Systems*, **2021**, 1-1	7	0
13	Robust hierarchical dispatch for residential distribution network management considering home thermal flexibility and model predictive control. *IET Generation, Transmission and Distribution*, **2021**, 15, 2567-2581	2.5	0
12	Circular Trajectory Approach for Online Sinusoidal Signal Distortion Monitoring and Visualization. *IEEE Transactions on Smart Grid*, **2022**, 1-1	10.7	0
11	Available transfer capability evaluation in electricity-dominated integrated hybrid energy systems with uncertain wind power: An interval optimization solution. *Applied Energy*, **2022**, 314, 119001	10.7	0
10	A distributed consensus-based optimal energy management approach in DC microgrids. *International Journal of Electrical Power and Energy Systems*, **2022**, 140, 108015	5.1	0
9	A Decentralized Market Model for a Microgrid with Carbon Emission Rights. *IEEE Transactions on Smart Grid*, **2022**, 1-1	10.7	0
8	Demonstration of Intelligent HVAC Load Management With Deep Reinforcement Learning: Real-World Experience of Machine Learning in Demand Control. *IEEE Power and Energy Magazine*, **2022**, 20, 42-53	2.4	0
7	Negative Reactance Impacts Power Flow Convergence Using Conjugate Gradient Method. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2020**, 67, 2527-2531	3.5	
6	Building Marginal Pattern Library with Unbiased Training Dataset for Enhancing Model-Free Load-ED Mapping. *IEEE Open Access Journal of Power and Energy*, **2022**, 1-1	3.8	
5	Vision of Future Control Centers in Smart Grids **2017**, 421-433		
4	Editorial on Special Section: Invited Papers on Emerging Topics in the Power and Energy Society. *IEEE Open Access Journal of Power and Energy*, **2020**, 7, 329-330	3.8	
3	Conic Programming for Circuit Equations With Rational Current Controlled Resistors. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 68, 496-500	3.5	
2	Conic Optimal Energy Flow of Integrated Electricity and Natural Gas Systems. *Journal of Modern Power Systems and Clean Energy*, **2021**, 9, 963-967	4	
1	Disturbance Propagation in Power Grids With High Converter Penetration. *Proceedings of the IEEE*, **2022**, 1-18	14.3	