

Pierre Pinson

List of Publications by Year in descending order

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235
papers

14,201
citations

19636

61
h-index

22808

112
g-index

244
all docs

244
docs citations

244
times ranked

7956
citing authors

#	ARTICLE	IF	CITATIONS
1	Peer-to-peer and community-based markets: A comprehensive review. Renewable and Sustainable Energy Reviews, 2019, 104, 367-378.	8.2	609
2	Probabilistic Forecasting of Wind Power Generation Using Extreme Learning Machine. IEEE Transactions on Power Systems, 2014, 29, 1033-1044.	4.6	575
3	Trading Wind Generation From Short-Term Probabilistic Forecasts of Wind Power. IEEE Transactions on Power Systems, 2007, 22, 1148-1156.	4.6	442
4	Benefits and challenges of electrical demand response: A critical review. Renewable and Sustainable Energy Reviews, 2014, 39, 686-699.	8.2	429
5	From probabilistic forecasts to statistical scenarios of short-term wind power production. Wind Energy, 2009, 12, 51-62.	1.9	403
6	Optimal Bidding Strategy of Battery Storage in Power Markets Considering Performance-Based Regulation and Battery Cycle Life. IEEE Transactions on Smart Grid, 2016, 7, 2359-2367.	6.2	341
7	Consensus-Based Approach to Peer-to-Peer Electricity Markets With Product Differentiation. IEEE Transactions on Power Systems, 2019, 34, 994-1004.	4.6	334
8	Energy Collectives: A Community and Fairness Based Approach to Future Electricity Markets. IEEE Transactions on Power Systems, 2019, 34, 3994-4004.	4.6	272
9	Optimal Prediction Intervals of Wind Power Generation. IEEE Transactions on Power Systems, 2014, 29, 1166-1174.	4.6	269
10	Energy Forecasting: A Review and Outlook. IEEE Open Access Journal of Power and Energy, 2020, 7, 376-388.	2.5	268
11	Conditional Prediction Intervals of Wind Power Generation. IEEE Transactions on Power Systems, 2010, 25, 1845-1856.	4.6	266
12	A bilevel model for electricity retailers' participation in a demand response market environment. Energy Economics, 2013, 36, 182-197.	5.6	258
13	On the market impact of wind energy forecasts. Energy Economics, 2010, 32, 313-320.	5.6	256
14	Forecasting: theory and practice. International Journal of Forecasting, 2022, 38, 705-871.	3.9	256
15	Wind Energy: Forecasting Challenges for Its Operational Management. Statistical Science, 2013, 28, .	1.6	241
16	Standardizing the Performance Evaluation of Short-Term Wind Power Prediction Models. Wind Engineering, 2005, 29, 475-489.	1.1	232
17	Non-parametric probabilistic forecasts of wind power: required properties and evaluation. Wind Energy, 2007, 10, 497-516.	1.9	231
18	Very Short-Term Nonparametric Probabilistic Forecasting of Renewable Energy Generation With Application to Solar Energy. IEEE Transactions on Power Systems, 2016, 31, 3850-3863.	4.6	208

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19	Integrating Renewables in Electricity Markets. Profiles in Operations Research, 2014, , .	0.3	194
20	Exogenous Cost Allocation in Peer-to-Peer Electricity Markets. IEEE Transactions on Power Systems, 2019, 34, 2553-2564.	4.6	194
21	Evaluating the quality of scenarios of short-term wind power generation. Applied Energy, 2012, 96, 12-20.	5.1	186
22	Very-Short-Term Probabilistic Forecasting of Wind Power With Generalized Logitâ€œNormal Distributions. Journal of the Royal Statistical Society Series C: Applied Statistics, 2012, 61, 555-576.	0.5	161
23	Forecasting ocean wave energy: The ECMWF wave model and time series methods. Ocean Engineering, 2011, 38, 1089-1099.	1.9	150
24	An Integrated Multiperiod OPF Model With Demand Response and Renewable Generation Uncertainty. IEEE Transactions on Smart Grid, 2016, 7, 1495-1503.	6.2	142
25	Pool Strategy of a Price-Maker Wind Power Producer. IEEE Transactions on Power Systems, 2013, 28, 3440-3450.	4.6	135
26	Forecasting for dynamic line rating. Renewable and Sustainable Energy Reviews, 2015, 52, 1713-1730.	8.2	117
27	Spatioâ€œtemporal analysis and modeling of shortâ€œterm wind power forecast errors. Wind Energy, 2011, 14, 43-60.	1.9	109
28	Very-Short-Term Probabilistic Wind Power Forecasts by Sparse Vector Autoregression. IEEE Transactions on Smart Grid, 2015, , 1-1.	6.2	108
29	Adaptive modelling and forecasting of offshore wind power fluctuations with Markovâ€œswitching autoregressive models. Journal of Forecasting, 2012, 31, 281-313.	1.6	107
30	Correlation-Constrained and Sparsity-Controlled Vector Autoregressive Model for Spatio-Temporal Wind Power Forecasting. IEEE Transactions on Power Systems, 2018, 33, 5029-5040.	4.6	106
31	An Integrated Market for Electricity and Natural Gas Systems with Stochastic Power Producers. European Journal of Operational Research, 2019, 272, 642-654.	3.5	106
32	Direct Interval Forecasting of Wind Power. IEEE Transactions on Power Systems, 2013, 28, 4877-4878.	4.6	103
33	Modelling of power fluctuations from large offshore wind farms. Wind Energy, 2008, 11, 29-43.	1.9	101
34	A Local Energy Market for Electricity and Hydrogen. IEEE Transactions on Power Systems, 2018, 33, 3898-3908.	4.6	99
35	Skill forecasting from ensemble predictions of wind power. Applied Energy, 2009, 86, 1326-1334.	5.1	98
36	Probabilistic Forecasts of Wind Power Generation Accounting for Geographically Dispersed Information. IEEE Transactions on Smart Grid, 2014, 5, 480-489.	6.2	98

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37	FLECH: A Danish market solution for DSO congestion management through DER flexibility services. <i>Journal of Modern Power Systems and Clean Energy</i> , 2014, 2, 126-133.	3.3	98
38	Controlling Electricity Consumption by Forecasting its Response to Varying Prices. <i>IEEE Transactions on Power Systems</i> , 2013, 28, 421-429.	4.6	96
39	Integrated Bidding and Operating Strategies for Wind-Storage Systems. <i>IEEE Transactions on Sustainable Energy</i> , 2016, 7, 163-172.	5.9	93
40	Forecasting Electricity Spot Prices Accounting for Wind Power Predictions. <i>IEEE Transactions on Sustainable Energy</i> , 2013, 4, 210-218.	5.9	90
41	Electricity market clearing with improved scheduling of stochastic production. <i>European Journal of Operational Research</i> , 2014, 235, 765-774.	3.5	89
42	Towards fully renewable energy systems: Experience and trends in Denmark. <i>CSEE Journal of Power and Energy Systems</i> , 2017, 3, 26-35.	1.7	86
43	Verification of solar irradiance probabilistic forecasts. <i>Solar Energy</i> , 2019, 194, 254-271.	2.9	84
44	The future of forecasting for renewable energy. <i>Wiley Interdisciplinary Reviews: Energy and Environment</i> , 2020, 9, e365.	1.9	82
45	On-line assessment of prediction risk for wind power production forecasts. <i>Wind Energy</i> , 2004, 7, 119-132.	1.9	81
46	Probabilistic forecasting of the wave energy flux. <i>Applied Energy</i> , 2012, 93, 364-370.	5.1	81
47	A comparison between the ECMWF and COSMO Ensemble Prediction Systems applied to short-term wind power forecasting on real data. <i>Applied Energy</i> , 2013, 107, 271-280.	5.1	80
48	Chance-Constrained Peer-to-Peer Joint Energy and Reserve Market Considering Renewable Generation Uncertainty. <i>IEEE Transactions on Smart Grid</i> , 2021, 12, 798-809.	6.2	79
49	Regime-switching modelling of the fluctuations of offshore wind generation. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2008, 96, 2327-2347.	1.7	75
50	Real-Time Procurement Strategies of a Proactive Distribution Company With Aggregator-Based Demand Response. <i>IEEE Transactions on Smart Grid</i> , 2018, 9, 766-776.	6.2	75
51	Active Distribution Grid Management Based on Robust AC Optimal Power Flow. <i>IEEE Transactions on Smart Grid</i> , 2018, 9, 6229-6241.	6.2	75
52	Optimal Offering and Operating Strategies for Wind-Storage Systems With Linear Decision Rules. <i>IEEE Transactions on Power Systems</i> , 2016, 31, 4755-4764.	4.6	74
53	Online adaptive lasso estimation in vector autoregressive models for high dimensional wind power forecasting. <i>International Journal of Forecasting</i> , 2019, 35, 1485-1498.	3.9	74
54	Reliability diagrams for non-parametric density forecasts of continuous variables: Accounting for serial correlation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2010, 136, 77-90.	1.0	72

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55	Optimal Offering Strategies for Wind Power in Energy and Primary Reserve Markets. IEEE Transactions on Sustainable Energy, 2016, 7, 1036-1045.	5.9	71
56	Ensemble-based probabilistic forecasting at Horns Rev. Wind Energy, 2009, 12, 137-155.	1.9	70
57	Wind power forecasting using fuzzy neural networks enhanced with on-line prediction risk assessment. , 0, , .		67
58	Generation Expansion Planning With Large Amounts of Wind Power via Decision-Dependent Stochastic Programming. IEEE Transactions on Power Systems, 2017, 32, 3015-3026.	4.6	66
59	Generation and evaluation of space-time trajectories of photovoltaic power. Applied Energy, 2016, 176, 80-91.	5.1	65
60	Influence of local wind speed and direction on wind power dynamics – Application to offshore very short-term forecasting. Applied Energy, 2011, 88, 4087-4096.	5.1	64
61	Optimal Offering and Operating Strategy for a Large Wind-Storage System as a Price Maker. IEEE Transactions on Power Systems, 2017, 32, 4904-4913.	4.6	61
62	Dynamic sizing of energy storage for hedging wind power forecast uncertainty. , 2009, , .		58
63	Big data analytics for future electricity grids. Electric Power Systems Research, 2020, 189, 106788.	2.1	54
64	Incentive-Compatibility in a Two-Stage Stochastic Electricity Market With High Wind Power Penetration. IEEE Transactions on Power Systems, 2019, 34, 2846-2858.	4.6	53
65	Adaptive calibration of $\langle u, v \rangle$ wind ensemble forecasts. Quarterly Journal of the Royal Meteorological Society, 2012, 138, 1273-1284.	1.0	52
66	Verification of the ECMWF ensemble forecasts of wind speed against analyses and observations. Meteorological Applications, 2012, 19, 484-500.	0.9	52
67	Robust optimisation for self-scheduling and bidding strategies of hybrid CSP-fossil power plants. International Journal of Electrical Power and Energy Systems, 2015, 67, 639-650.	3.3	51
68	Trading wind energy on the basis of probabilistic forecasts both of wind generation and of market quantities. Wind Energy, 2013, 16, 909-926.	1.9	50
69	Transactive Energy Based Aggregation of Prosumers as a Retailer. IEEE Transactions on Smart Grid, 2020, 11, 3302-3312.	6.2	48
70	Predictive Densities for Day-Ahead Electricity Prices Using Time-Adaptive Quantile Regression. Energies, 2014, 7, 5523-5547.	1.6	47
71	Temporal hierarchies with autocorrelation for load forecasting. European Journal of Operational Research, 2020, 280, 876-888.	3.5	47
72	Distributionally Robust Chance-Constrained Generation Expansion Planning. IEEE Transactions on Power Systems, 2020, 35, 2888-2903.	4.6	47

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73	Trading strategies for distribution company with stochastic distributed energy resources. Applied Energy, 2016, 177, 625-635.	5.1	46
74	Mechanism Design for Fair and Efficient DSO Flexibility Markets. IEEE Transactions on Smart Grid, 2021, 12, 2249-2260.	6.2	46
75	The "Weather Intelligence for Renewable Energies" Benchmarking Exercise on Short-Term Forecasting of Wind and Solar Power Generation. Energies, 2015, 8, 9594-9619.	1.6	44
76	Evaluation of wind power forecasts" An up-to-date view. Wind Energy, 2020, 23, 1461-1481.	1.9	44
77	A Stochastic Market Design With Revenue Adequacy and Cost Recovery by Scenario: Benefits and Costs. IEEE Transactions on Power Systems, 2018, 33, 3531-3545.	4.6	43
78	Negotiation Algorithms for Peer-to-Peer Electricity Markets: Computational Properties. , 2018, , .		43
79	Demand side management of heat in smart homes: Living-lab experiments. Energy, 2020, 195, 116993.	4.5	41
80	Wind fluctuations over the North Sea. International Journal of Climatology, 2011, 31, 1584-1595.	1.5	40
81	RE-Europe, a large-scale dataset for modeling a highly renewable European electricity system. Scientific Data, 2017, 4, 170175.	2.4	40
82	Price-Taker Offering Strategy in Electricity Pay-as-Bid Markets. IEEE Transactions on Power Systems, 2018, 33, 2175-2183.	4.6	40
83	Do unit commitment constraints affect generation expansion planning? A scalable stochastic model. Energy Systems, 2020, 11, 247-282.	1.8	40
84	Local linear regression with adaptive orthogonal fitting for the wind power application. Statistics and Computing, 2008, 18, 59-71.	0.8	39
85	Chance-Constrained Optimization of Demand Response to Price Signals. IEEE Transactions on Smart Grid, 2013, 4, 2072-2080.	6.2	38
86	Resolving Nonstationary Spectral Information in Wind Speed Time Series Using the Hilbert" Huang Transform. Journal of Applied Meteorology and Climatology, 2010, 49, 253-267.	0.6	37
87	A General Probabilistic Forecasting Framework for Offshore Wind Power Fluctuations. Energies, 2012, 5, 621-657.	1.6	37
88	Energy and reserve dispatch with distributionally robust joint chance constraints. Operations Research Letters, 2021, 49, 291-299.	0.5	36
89	Exponential Smoothing Approaches for Prediction in Real-Time Electricity Markets. Energies, 2014, 7, 3710-3732.	1.6	34
90	Identifying and characterizing the impact of turbine icing on wind farm power generation. Wind Energy, 2016, 19, 1503-1518.	1.9	34

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91	Economic Dispatch of Demand Response Balancing Through Asymmetric Block Offers. IEEE Transactions on Power Systems, 2016, 31, 2999-3007.	4.6	34
92	Transactive Energy for Flexible Prosumers Using Algorithmic Game Theory. IEEE Transactions on Sustainable Energy, 2021, 12, 1571-1581.	5.9	34
93	Conditional weighted combination of wind power forecasts. Wind Energy, 2010, 13, 751-763.	1.9	33
94	Impact of Public Aggregate Wind Forecasts on Electricity Market Outcomes. IEEE Transactions on Sustainable Energy, 2017, 8, 1394-1405.	5.9	33
95	On quantification of flexibility in power systems. , 2015, , .		31
96	A Bayesian Inference Approach to Unveil Supply Curves in Electricity Markets. IEEE Transactions on Power Systems, 2018, 33, 2610-2620.	4.6	30
97	Towards Data Markets in Renewable Energy Forecasting. IEEE Transactions on Sustainable Energy, 2021, 12, 533-542.	5.9	30
98	Sharing wind power forecasts in electricity markets: A numerical analysis. Applied Energy, 2016, 176, 65-73.	5.1	29
99	Prosumer Markets: A Unified Formulation. , 2019, , .		29
100	A Transmission-Cost-Based Model to Estimate the Amount of Market-Integrable Wind Resources. IEEE Transactions on Power Systems, 2012, 27, 1060-1069.	4.6	28
101	Online adaptive clustering algorithm for load profiling. Sustainable Energy, Grids and Networks, 2019, 17, 100181.	2.3	28
102	Discussion of "Prediction Intervals for Short-Term Wind Farm Generation Forecasts" and "Combined Nonparametric Prediction Intervals for Wind Power Generation" IEEE Transactions on Sustainable Energy, 2014, 5, 1019-1020.	5.9	27
103	Generation of Scenarios from Calibrated Ensemble Forecasts with a Dual-Ensemble Copula-Coupling Approach. Monthly Weather Review, 2016, 144, 4737-4750.	0.5	27
104	Demand response evaluation and forecasting " Methods and results from the EcoGrid EU experiment. Sustainable Energy, Grids and Networks, 2017, 10, 75-83.	2.3	27
105	How far along are Local Energy Markets in the DACH+ Region?. , 2019, , .		27
106	Heat and electricity market coordination: A scalable complementarity approach. European Journal of Operational Research, 2020, 283, 1107-1123.	3.5	26
107	Space-Time Trajectories of Wind Power Generation: Parametrized Precision Matrices Under a Gaussian Copula Approach. Lecture Notes in Statistics, 2015, , 267-296.	0.1	26
108	Loss Allocation in Joint Transmission and Distribution Peer-to-Peer Markets. IEEE Transactions on Power Systems, 2021, 36, 1833-1842.	4.6	24

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109	Weather radars – the new eyes for offshore wind farms?. Wind Energy, 2014, 17, 1767-1787.	1.9	23
110	Ellipsoidal Prediction Regions for Multivariate Uncertainty Characterization. IEEE Transactions on Power Systems, 2018, 33, 4519-4530.	4.6	23
111	Market-based coordination of integrated electricity and natural gas systems under uncertain supply. European Journal of Operational Research, 2020, 287, 1105-1119.	3.5	23
112	Design and game-Theoretic analysis of community-Based market mechanisms in heat and electricity systems. Omega, 2021, 99, 102177.	3.6	23
113	Impact of Wind Power Generation on European Cross-Border Power Flows. IEEE Transactions on Power Systems, 2013, 28, 3566-3575.	4.6	22
114	Visualizing Big Energy Data: Solutions for This Crucial Component of Data Analysis. IEEE Power and Energy Magazine, 2018, 16, 18-25.	1.6	22
115	Heterogeneous risk preferences in community-based electricity markets. European Journal of Operational Research, 2020, 287, 36-48.	3.5	22
116	A Local Market Mechanism for Physical Storage Rights. IEEE Transactions on Power Systems, 2020, 35, 3087-3099.	4.6	22
117	Evaluating price-based demand response in practice - with application to the EcoGrid EU Experiment. IEEE Transactions on Smart Grid, 2016, , 1-1.	6.2	21
118	On the Quality and Value of Probabilistic Forecasts of Wind Generation. , 2006, , .		20
119	Polyhedral Predictive Regions for Power System Applications. IEEE Transactions on Power Systems, 2019, 34, 693-704.	4.6	20
120	Convex Relaxations and Approximations of Chance-Constrained AC-OPF Problems. IEEE Transactions on Power Systems, 2019, 34, 1459-1470.	4.6	20
121	A Mid-Term DSO Market for Capacity Limits: How to Estimate Opportunity Costs of Aggregators?. IEEE Transactions on Smart Grid, 2020, 11, 334-345.	6.2	20
122	Differentially Private Optimal Power Flow for Distribution Grids. IEEE Transactions on Power Systems, 2021, 36, 2186-2196.	4.6	20
123	Privacy-Preserving Distributed Learning for Renewable Energy Forecasting. IEEE Transactions on Sustainable Energy, 2021, 12, 1777-1787.	5.9	20
124	Online Optimization for Real-Time Peer-to-Peer Electricity Market Mechanisms. IEEE Transactions on Smart Grid, 2021, 12, 4151-4163.	6.2	20
125	Temperature prediction at critical points in district heating systems. European Journal of Operational Research, 2009, 194, 163-176.	3.5	19
126	Electricity market equilibrium under information asymmetry. Operations Research Letters, 2019, 47, 521-526.	0.5	19

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127	Chance-constrained optimal power flow with non-parametric probability distributions of dynamic line ratings. <i>International Journal of Electrical Power and Energy Systems</i> , 2020, 114, 105389.	3.3	19
128	A critical overview of privacy-preserving approaches for collaborative forecasting. <i>International Journal of Forecasting</i> , 2021, 37, 322-342.	3.9	19
129	Demand forecasting at low aggregation levels using Factored Conditional Restricted Boltzmann Machine. , 2016, , .		18
130	Coordination of Power and Natural Gas Systems: Convexification Approaches for Linepack Modeling. , 2019, , .		18
131	Coordinating Consumer-Centric Market and Grid Operation on Distribution Grid. , 2019, , .		18
132	Affine Policies for Flexibility Provision by Natural Gas Networks to Power Systems. <i>Electric Power Systems Research</i> , 2020, 189, 106565.	2.1	18
133	Early warnings of extreme winds using the ECMWF Extreme Forecast Index. <i>Meteorological Applications</i> , 2014, 21, 171-185.	0.9	17
134	Redefining the Merit Order of Stochastic Generation in Forward Markets. <i>IEEE Transactions on Power Systems</i> , 2014, 29, 992-993.	4.6	17
135	Adaptive robust polynomial regression for power curve modeling with application to wind power forecasting. <i>Wind Energy</i> , 2016, 19, 2321-2336.	1.9	17
136	Benefits of spatiotemporal modeling for short-term wind power forecasting at both individual and aggregated levels. <i>Environmetrics</i> , 2018, 29, e2493.	0.6	17
137	An Asynchronous Online Negotiation Mechanism for Real-Time Peer-to-Peer Electricity Markets. <i>IEEE Transactions on Power Systems</i> , 2022, 37, 1868-1880.	4.6	17
138	Optimal coupling of heat and electricity systems: A stochastic hierarchical approach. , 2016, , .		16
139	Real-Time Trading Strategies of Proactive DISCO with Heterogeneous DG Owners. <i>IEEE Transactions on Smart Grid</i> , 2016, , 1-1.	6.2	16
140	Statistical post-processing of turbulence-resolving weather forecasts for offshore wind power forecasting. <i>Wind Energy</i> , 2020, 23, 884-897.	1.9	16
141	Generation of Statistical Scenarios of Short-term Wind Power Production. , 2007, , .		15
142	Feedback, competition and stochasticity in a day ahead electricity market. <i>Energy Economics</i> , 2010, 32, 292-301.	5.6	15
143	Automatic Classification of Offshore Wind Regimes With Weather Radar Observations. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014, 7, 116-125.	2.3	15
144	Wind power in electricity markets and the value of forecasting. , 2017, , 259-278.		15

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145	What Do Prosumer Marginal Utility Functions Look Like? Derivation and Analysis. IEEE Transactions on Power Systems, 2021, 36, 4322-4330.	4.6	15
146	Data-driven Security-Constrained AC-OPF for Operations and Markets. , 2018, , .		14
147	A DSO-Level Contract Market for Conditional Demand Response. , 2019, , .		14
148	Added-value of ensemble prediction system on the quality of solar irradiance probabilistic forecasts. Renewable Energy, 2020, 162, 1321-1339.	4.3	14
149	Online distributed learning in wind power forecasting. International Journal of Forecasting, 2021, 37, 205-223.	3.9	14
150	Quantile forecast discrimination ability and value. Quarterly Journal of the Royal Meteorological Society, 2015, 141, 3415-3424.	1.0	13
151	The ethical smart grid: Enabling a fruitful and long-lasting relationship between utilities and customers. Energy Policy, 2020, 140, 111258.	4.2	13
152	Probabilistic maximum-value wind prediction for offshore environments. Wind Energy, 2015, 18, 1725-1738.	1.9	12
153	Stochastic unit commitment via Progressive Hedging — extensive analysis of solution methods. , 2015, , .		12
154	Price-maker wind power producer participating in a joint day-ahead and real-time market. , 2015, , .		12
155	Information Uncertainty in Electricity Markets: Introducing Probabilistic Offers. IEEE Transactions on Power Systems, 2016, 31, 5202-5203.	4.6	12
156	Exploiting flexibility in coupled electricity and natural gas markets: A price-based approach. , 2017, , .		12
157	Spatial models for probabilistic prediction of wind power with application to annual-average and high temporal resolution data. Stochastic Environmental Research and Risk Assessment, 2017, 31, 1615-1631.	1.9	12
158	Cost-Optimal ATCs in Zonal Electricity Markets. IEEE Transactions on Power Systems, 2018, 33, 3624-3633.	4.6	12
159	Managing Distributed Flexibility Under Uncertainty by Combining Deep Learning With Duality. IEEE Transactions on Sustainable Energy, 2021, 12, 2195-2204.	5.9	12
160	Trading Stochastic Production in Electricity Pools. Profiles in Operations Research, 2014, , 205-242.	0.3	11
161	Regulating power from supermarket refrigeration. , 2014, , .		10
162	Impact of Inter- and Intra-Regional Coordination in Markets With a Large Renewable Component. IEEE Transactions on Power Systems, 2016, 31, 5061-5070.	4.6	10

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163	Decision support program for congestion management using demand side flexibility. , 2017, , .		10
164	A Consensus-ADMM Approach for Strategic Generation Investment in Electricity Markets. , 2018, , .		10
165	Application of Postprocessing for Renewable Energy. , 2018, , 241-266.		10
166	Dynamic Reserve and Transmission Capacity Allocation in Wind-Dominated Power Systems. IEEE Transactions on Power Systems, 2021, 36, 3017-3028.	4.6	10
167	Offering strategy of a price-maker energy storage system in day-ahead and balancing markets. , 2017, , .		10
168	Regression markets and application to energy forecasting. Top, 2022, 30, 533-573.	1.1	10
169	The influence of the new ECMWF Ensemble Prediction System resolution on wind power forecast accuracy and uncertainty estimation. Advances in Science and Research, 2012, 8, 143-147.	1.0	9
170	A robust optimisation approach using CVaR for unit commitment in a market with probabilistic offers. , 2016, , .		9
171	Pandemics and forecasting: The way forward through the Taleb-Ioannidis debate. International Journal of Forecasting, 2022, 38, 410-412.	3.9	9
172	Max-min Fairness for Demand Side Management Under High RES Penetration: Dealing With Undefined Consumer Valuation Functions. , 2020, , .		9
173	North Sea Energy Islands: Impact on national markets and grids. Energy Policy, 2022, 167, 112907.	4.2	9
174	Optimal offering and allocation policies for wind power in energy and reserve markets. Wind Energy, 2017, 20, 1851-1870.	1.9	8
175	A network-aware market mechanism for decentralized district heating systems. Applied Energy, 2022, 306, 117956.	5.1	8
176	An application of ensemble/multi model approach for wind power production forecasting. Advances in Science and Research, 2011, 6, 35-37.	1.0	7
177	Introducing distributed learning approaches in wind power forecasting. , 2016, , .		7
178	Distributed Reconciliation in Day-Ahead Wind Power Forecasting. Energies, 2019, 12, 1112.	1.6	7
179	Optimal allocation of HVDC interconnections for exchange of energy and reserve capacity services. Energy Systems, 2019, 10, 635-675.	1.8	7
180	Differentially Private Distributed Optimal Power Flow. , 2020, , .		7

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181	Continuous and Distribution-Free Probabilistic Wind Power Forecasting: A Conditional Normalizing Flow Approach. IEEE Transactions on Sustainable Energy, 2022, 13, 2250-2263.	5.9	7
182	Trading data for wind power forecasting: A regression market with lasso regularization. Electric Power Systems Research, 2022, 212, 108442.	2.1	7
183	Guest Editorial: Special Section on Analytics for Energy Forecasting with Applications to Smart Grid. IEEE Transactions on Smart Grid, 2014, 5, 399-401.	6.2	6
184	Effects of risk aversion on market outcomes: A stochastic two-stage equilibrium model. , 2016, , .		6
185	Purely data-driven approaches to trading of renewable energy generation. , 2016, , .		6
186	Attribution Mechanisms for Ancillary Service Costs Induced by Variability in Power Delivery. IEEE Transactions on Power Systems, 2017, 32, 1891-1901.	4.6	6
187	Optimal Offering Strategy of an EV Aggregator in the Frequency-Controlled Normal Operation Reserve Market. , 2018, , .		6
188	Trading wind power through physically settled options and short-term electricity markets. Wind Energy, 2019, 22, 1487-1499.	1.9	6
189	Online forecast reconciliation in wind power prediction. Electric Power Systems Research, 2021, 190, 106637.	2.1	6
190	Stochastic Control and Pricing for Natural Gas Networks. IEEE Transactions on Control of Network Systems, 2022, 9, 450-462.	2.4	6
191	Monetizing Customer Load Data for an Energy Retailer: A Cooperative Game Approach. , 2021, , .		6
192	Multi-stage linear decision rules for stochastic control of natural gas networks with linepack. Electric Power Systems Research, 2022, 212, 108388.	2.1	6
193	Optimal planning of integrated multi-energy systems. , 2017, , .		5
194	Accommodating Bounded Rationality in Pricing Demand Response. , 2019, , .		5
195	Skill forecasting from different wind power ensemble prediction methods. Journal of Physics: Conference Series, 2007, 75, 012046.	0.3	4
196	Probabilistic tools for planning and operating power systems with distributed energy storage. Elektrotechnik Und Informationstechnik, 2008, 125, 460-465.	0.7	4
197	Foreword for the Special Section on Wind and Solar Energy: Uncovering and Accommodating Their Impacts on Electricity Markets. IEEE Transactions on Power Systems, 2015, 30, 1557-1559.	4.6	4
198	Wind power forecasting: IEA Wind Task 36 & future research issues. Journal of Physics: Conference Series, 2016, 753, 032042.	0.3	4

#	ARTICLE	IF	CITATIONS
199	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.	7.2	4
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