

Pierre Pinson

List of Publications by Year in descending order

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235
papers

14,201
citations

19657
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22832
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.	16.4	609
2	Probabilistic Forecasting of Wind Power Generation Using Extreme Learning Machine. IEEE Transactions on Power Systems, 2014, 29, 1033-1044.	6.5	575
3	Trading Wind Generation From Short-Term Probabilistic Forecasts of Wind Power. IEEE Transactions on Power Systems, 2007, 22, 1148-1156.	6.5	442
4	Benefits and challenges of electrical demand response: A critical review. Renewable and Sustainable Energy Reviews, 2014, 39, 686-699.	16.4	429
5	From probabilistic forecasts to statistical scenarios of short-term wind power production. Wind Energy, 2009, 12, 51-62.	4.2	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.	9.0	341
7	Consensus-Based Approach to Peer-to-Peer Electricity Markets With Product Differentiation. IEEE Transactions on Power Systems, 2019, 34, 994-1004.	6.5	334
8	Energy Collectives: A Community and Fairness Based Approach to Future Electricity Markets. IEEE Transactions on Power Systems, 2019, 34, 3994-4004.	6.5	272
9	Optimal Prediction Intervals of Wind Power Generation. IEEE Transactions on Power Systems, 2014, 29, 1166-1174.	6.5	269
10	Energy Forecasting: A Review and Outlook. IEEE Open Access Journal of Power and Energy, 2020, 7, 376-388.	3.4	268
11	Conditional Prediction Intervals of Wind Power Generation. IEEE Transactions on Power Systems, 2010, 25, 1845-1856.	6.5	266
12	A bilevel model for electricity retailers' participation in a demand response market environment. Energy Economics, 2013, 36, 182-197.	12.1	258
13	On the market impact of wind energy forecasts. Energy Economics, 2010, 32, 313-320.	12.1	256
14	Forecasting: theory and practice. International Journal of Forecasting, 2022, 38, 705-871.	6.5	256
15	Wind Energy: Forecasting Challenges for Its Operational Management. Statistical Science, 2013, 28, .	2.8	241
16	Standardizing the Performance Evaluation of Short-Term Wind Power Prediction Models. Wind Engineering, 2005, 29, 475-489.	1.9	232
17	Non-parametric probabilistic forecasts of wind power: required properties and evaluation. Wind Energy, 2007, 10, 497-516.	4.2	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.	6.5	208

#	ARTICLE	IF	CITATIONS
19	Integrating Renewables in Electricity Markets. Profiles in Operations Research, 2014, , .	0.4	194
20	Exogenous Cost Allocation in Peer-to-Peer Electricity Markets. IEEE Transactions on Power Systems, 2019, 34, 2553-2564.	6.5	194
21	Evaluating the quality of scenarios of short-term wind power generation. Applied Energy, 2012, 96, 12-20.	10.1	186
22	Very-Short-Term Probabilistic Forecasting of Wind Power With Generalized Logitâ€“Normal Distributions. Journal of the Royal Statistical Society Series C: Applied Statistics, 2012, 61, 555-576.	1.0	161
23	Forecasting ocean wave energy: The ECMWF wave model and time series methods. Ocean Engineering, 2011, 38, 1089-1099.	4.3	150
24	An Integrated Multiperiod OPF Model With Demand Response and Renewable Generation Uncertainty. IEEE Transactions on Smart Grid, 2016, 7, 1495-1503.	9.0	142
25	Pool Strategy of a Price-Maker Wind Power Producer. IEEE Transactions on Power Systems, 2013, 28, 3440-3450.	6.5	135
26	Forecasting for dynamic line rating. Renewable and Sustainable Energy Reviews, 2015, 52, 1713-1730.	16.4	117
27	Spatioâ€“temporal analysis and modeling of shortâ€“term wind power forecast errors. Wind Energy, 2011, 14, 43-60.	4.2	109
28	Very-Short-Term Probabilistic Wind Power Forecasts by Sparse Vector Autoregression. IEEE Transactions on Smart Grid, 2015, , 1-1.	9.0	108
29	Adaptive modelling and forecasting of offshore wind power fluctuations with Markovâ€“switching autoregressive models. Journal of Forecasting, 2012, 31, 281-313.	2.8	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.	6.5	106
31	An Integrated Market for Electricity and Natural Gas Systems with Stochastic Power Producers. European Journal of Operational Research, 2019, 272, 642-654.	5.7	106
32	Direct Interval Forecasting of Wind Power. IEEE Transactions on Power Systems, 2013, 28, 4877-4878.	6.5	103
33	Modelling of power fluctuations from large offshore wind farms. Wind Energy, 2008, 11, 29-43.	4.2	101
34	A Local Energy Market for Electricity and Hydrogen. IEEE Transactions on Power Systems, 2018, 33, 3898-3908.	6.5	99
35	Skill forecasting from ensemble predictions of wind power. Applied Energy, 2009, 86, 1326-1334.	10.1	98
36	Probabilistic Forecasts of Wind Power Generation Accounting for Geographically Dispersed Information. IEEE Transactions on Smart Grid, 2014, 5, 480-489.	9.0	98

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37	FLECH: A Danish market solution for DSO congestion management through DER flexibility services. Journal of Modern Power Systems and Clean Energy, 2014, 2, 126-133.	5.4	98
38	Controlling Electricity Consumption by Forecasting its Response to Varying Prices. IEEE Transactions on Power Systems, 2013, 28, 421-429.	6.5	96
39	Integrated Bidding and Operating Strategies for Wind-Storage Systems. IEEE Transactions on Sustainable Energy, 2016, 7, 163-172.	8.8	93
40	Forecasting Electricity Spot Prices Accounting for Wind Power Predictions. IEEE Transactions on Sustainable Energy, 2013, 4, 210-218.	8.8	90
41	Electricity market clearing with improved scheduling of stochastic production. European Journal of Operational Research, 2014, 235, 765-774.	5.7	89
42	Towards fully renewable energy systems: Experience and trends in Denmark. CSEE Journal of Power and Energy Systems, 2017, 3, 26-35.	1.1	86
43	Verification of solar irradiance probabilistic forecasts. Solar Energy, 2019, 194, 254-271.	6.1	84
44	The future of forecasting for renewable energy. Wiley Interdisciplinary Reviews: Energy and Environment, 2020, 9, e365.	4.1	82
45	On-line assessment of prediction risk for wind power production forecasts. Wind Energy, 2004, 7, 119-132.	4.2	81
46	Probabilistic forecasting of the wave energy flux. Applied Energy, 2012, 93, 364-370.	10.1	81
47	A comparison between the ECMWF and COSMO Ensemble Prediction Systems applied to short-term wind power forecasting on real data. Applied Energy, 2013, 107, 271-280.	10.1	80
48	Chance-Constrained Peer-to-Peer Joint Energy and Reserve Market Considering Renewable Generation Uncertainty. IEEE Transactions on Smart Grid, 2021, 12, 798-809.	9.0	79
49	Regime-switching modelling of the fluctuations of offshore wind generation. Journal of Wind Engineering and Industrial Aerodynamics, 2008, 96, 2327-2347.	3.9	75
50	Real-Time Procurement Strategies of a Proactive Distribution Company With Aggregator-Based Demand Response. IEEE Transactions on Smart Grid, 2018, 9, 766-776.	9.0	75
51	Active Distribution Grid Management Based on Robust AC Optimal Power Flow. IEEE Transactions on Smart Grid, 2018, 9, 6229-6241.	9.0	75
52	Optimal Offering and Operating Strategies for Wind-Storage Systems With Linear Decision Rules. IEEE Transactions on Power Systems, 2016, 31, 4755-4764.	6.5	74
53	Online adaptive lasso estimation in vector autoregressive models for high dimensional wind power forecasting. International Journal of Forecasting, 2019, 35, 1485-1498.	6.5	74
54	Reliability diagrams for non-parametric density forecasts of continuous variables: Accounting for serial correlation. Quarterly Journal of the Royal Meteorological Society, 2010, 136, 77-90.	2.7	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.	8.8	71
56	Ensemble-based probabilistic forecasting at Horns Rev. Wind Energy, 2009, 12, 137-155.	4.2	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.	6.5	66
59	Generation and evaluation of space-time trajectories of photovoltaic power. Applied Energy, 2016, 176, 80-91.	10.1	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.	10.1	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.	6.5	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.	3.6	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.	6.5	53
65	Adaptive calibration of $\langle u, v \rangle$ wind ensemble forecasts. Quarterly Journal of the Royal Meteorological Society, 2012, 138, 1273-1284.	2.7	52
66	Verification of the ECMWF ensemble forecasts of wind speed against analyses and observations. Meteorological Applications, 2012, 19, 484-500.	2.1	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.	5.5	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.	4.2	50
69	Transactive Energy Based Aggregation of Prosumers as a Retailer. IEEE Transactions on Smart Grid, 2020, 11, 3302-3312.	9.0	48
70	Predictive Densities for Day-Ahead Electricity Prices Using Time-Adaptive Quantile Regression. Energies, 2014, 7, 5523-5547.	3.1	47
71	Temporal hierarchies with autocorrelation for load forecasting. European Journal of Operational Research, 2020, 280, 876-888.	5.7	47
72	Distributionally Robust Chance-Constrained Generation Expansion Planning. IEEE Transactions on Power Systems, 2020, 35, 2888-2903.	6.5	47

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73	Trading strategies for distribution company with stochastic distributed energy resources. Applied Energy, 2016, 177, 625-635.	10.1	46
74	Mechanism Design for Fair and Efficient DSO Flexibility Markets. IEEE Transactions on Smart Grid, 2021, 12, 2249-2260.	9.0	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.	3.1	44
76	Evaluation of wind power forecasts” An up-to-date view. Wind Energy, 2020, 23, 1461-1481.	4.2	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.	6.5	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.	8.8	41
80	Wind fluctuations over the North Sea. International Journal of Climatology, 2011, 31, 1584-1595.	3.5	40
81	RE-Europe, a large-scale dataset for modeling a highly renewable European electricity system. Scientific Data, 2017, 4, 170175.	5.3	40
82	Price-Taker Offering Strategy in Electricity Pay-as-Bid Markets. IEEE Transactions on Power Systems, 2018, 33, 2175-2183.	6.5	40
83	Do unit commitment constraints affect generation expansion planning? A scalable stochastic model. Energy Systems, 2020, 11, 247-282.	3.0	40
84	Local linear regression with adaptive orthogonal fitting for the wind power application. Statistics and Computing, 2008, 18, 59-71.	1.5	39
85	Chance-Constrained Optimization of Demand Response to Price Signals. IEEE Transactions on Smart Grid, 2013, 4, 2072-2080.	9.0	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.	1.5	37
87	A General Probabilistic Forecasting Framework for Offshore Wind Power Fluctuations. Energies, 2012, 5, 621-657.	3.1	37
88	Energy and reserve dispatch with distributionally robust joint chance constraints. Operations Research Letters, 2021, 49, 291-299.	0.7	36
89	Exponential Smoothing Approaches for Prediction in Real-Time Electricity Markets. Energies, 2014, 7, 3710-3732.	3.1	34
90	Identifying and characterizing the impact of turbine icing on wind farm power generation. Wind Energy, 2016, 19, 1503-1518.	4.2	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.	6.5	34
92	Transactive Energy for Flexible Prosumers Using Algorithmic Game Theory. IEEE Transactions on Sustainable Energy, 2021, 12, 1571-1581.	8.8	34
93	Conditional weighted combination of wind power forecasts. Wind Energy, 2010, 13, 751-763.	4.2	33
94	Impact of Public Aggregate Wind Forecasts on Electricity Market Outcomes. IEEE Transactions on Sustainable Energy, 2017, 8, 1394-1405.	8.8	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.	6.5	30
97	Towards Data Markets in Renewable Energy Forecasting. IEEE Transactions on Sustainable Energy, 2021, 12, 533-542.	8.8	30
98	Sharing wind power forecasts in electricity markets: A numerical analysis. Applied Energy, 2016, 176, 65-73.	10.1	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.	6.5	28
101	Online adaptive clustering algorithm for load profiling. Sustainable Energy, Grids and Networks, 2019, 17, 100181.	3.9	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.	8.8	27
103	Generation of Scenarios from Calibrated Ensemble Forecasts with a Dual-Ensemble Copula-Coupling Approach. Monthly Weather Review, 2016, 144, 4737-4750.	1.4	27
104	Demand response evaluation and forecasting " Methods and results from the EcoGrid EU experiment. Sustainable Energy, Grids and Networks, 2017, 10, 75-83.	3.9	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.	5.7	26
107	Space-Time Trajectories of Wind Power Generation: Parametrized Precision Matrices Under a Gaussian Copula Approach. Lecture Notes in Statistics, 2015, , 267-296.	0.2	26
108	Loss Allocation in Joint Transmission and Distribution Peer-to-Peer Markets. IEEE Transactions on Power Systems, 2021, 36, 1833-1842.	6.5	24

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109	Weather radars – the new eyes for offshore wind farms?. Wind Energy, 2014, 17, 1767-1787.	4.2	23
110	Ellipsoidal Prediction Regions for Multivariate Uncertainty Characterization. IEEE Transactions on Power Systems, 2018, 33, 4519-4530.	6.5	23
111	Market-based coordination of integrated electricity and natural gas systems under uncertain supply. European Journal of Operational Research, 2020, 287, 1105-1119.	5.7	23
112	Design and game-Theoretic analysis of community-Based market mechanisms in heat and electricity systems. Omega, 2021, 99, 102177.	5.9	23
113	Impact of Wind Power Generation on European Cross-Border Power Flows. IEEE Transactions on Power Systems, 2013, 28, 3566-3575.	6.5	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.	5.7	22
116	A Local Market Mechanism for Physical Storage Rights. IEEE Transactions on Power Systems, 2020, 35, 3087-3099.	6.5	22
117	Evaluating price-based demand response in practice - with application to the EcoGrid EU Experiment. IEEE Transactions on Smart Grid, 2016, , 1-1.	9.0	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.	6.5	20
120	Convex Relaxations and Approximations of Chance-Constrained AC-OPF Problems. IEEE Transactions on Power Systems, 2019, 34, 1459-1470.	6.5	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.	9.0	20
122	Differentially Private Optimal Power Flow for Distribution Grids. IEEE Transactions on Power Systems, 2021, 36, 2186-2196.	6.5	20
123	Privacy-Preserving Distributed Learning for Renewable Energy Forecasting. IEEE Transactions on Sustainable Energy, 2021, 12, 1777-1787.	8.8	20
124	Online Optimization for Real-Time Peer-to-Peer Electricity Market Mechanisms. IEEE Transactions on Smart Grid, 2021, 12, 4151-4163.	9.0	20
125	Temperature prediction at critical points in district heating systems. European Journal of Operational Research, 2009, 194, 163-176.	5.7	19
126	Electricity market equilibrium under information asymmetry. Operations Research Letters, 2019, 47, 521-526.	0.7	19

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127	Chance-constrained optimal power flow with non-parametric probability distributions of dynamic line ratings. International Journal of Electrical Power and Energy Systems, 2020, 114, 105389.	5.5	19
128	A critical overview of privacy-preserving approaches for collaborative forecasting. International Journal of Forecasting, 2021, 37, 322-342.	6.5	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. Electric Power Systems Research, 2020, 189, 106565.	3.6	18
133	Early warnings of extreme winds using the ECMWF Extreme Forecast Index. Meteorological Applications, 2014, 21, 171-185.	2.1	17
134	Redefining the Merit Order of Stochastic Generation in Forward Markets. IEEE Transactions on Power Systems, 2014, 29, 992-993.	6.5	17
135	Adaptive robust polynomial regression for power curve modeling with application to wind power forecasting. Wind Energy, 2016, 19, 2321-2336.	4.2	17
136	Benefits of spatiotemporal modeling for short-term wind power forecasting at both individual and aggregated levels. Environmetrics, 2018, 29, e2493.	1.4	17
137	An Asynchronous Online Negotiation Mechanism for Real-Time Peer-to-Peer Electricity Markets. IEEE Transactions on Power Systems, 2022, 37, 1868-1880.	6.5	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. IEEE Transactions on Smart Grid, 2016, , 1-1.	9.0	16
140	Statistical post-processing of turbulence-resolving weather forecasts for offshore wind power forecasting. Wind Energy, 2020, 23, 884-897.	4.2	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. Energy Economics, 2010, 32, 292-301.	12.1	15
143	Automatic Classification of Offshore Wind Regimes With Weather Radar Observations. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 116-125.	4.9	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.	6.5	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.	8.9	14
149	Online distributed learning in wind power forecasting. International Journal of Forecasting, 2021, 37, 205-223.	6.5	14
150	Quantile forecast discrimination ability and value. Quarterly Journal of the Royal Meteorological Society, 2015, 141, 3415-3424.	2.7	13
151	The ethical smart grid: Enabling a fruitful and long-lasting relationship between utilities and customers. Energy Policy, 2020, 140, 111258.	8.8	13
152	Probabilistic maximum-value wind prediction for offshore environments. Wind Energy, 2015, 18, 1725-1738.	4.2	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.	6.5	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.	4.0	12
158	Cost-Optimal ATCs in Zonal Electricity Markets. IEEE Transactions on Power Systems, 2018, 33, 3624-3633.	6.5	12
159	Managing Distributed Flexibility Under Uncertainty by Combining Deep Learning With Duality. IEEE Transactions on Sustainable Energy, 2021, 12, 2195-2204.	8.8	12
160	Trading Stochastic Production in Electricity Pools. Profiles in Operations Research, 2014, , 205-242.	0.4	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.	6.5	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.	6.5	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.	1.6	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.	6.5	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.	8.8	9
174	Optimal offering and allocation policies for wind power in energy and reserve markets. Wind Energy, 2017, 20, 1851-1870.	4.2	8
175	A network-aware market mechanism for decentralized district heating systems. Applied Energy, 2022, 306, 117956.	10.1	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.	3.1	7
179	Optimal allocation of HVDC interconnections for exchange of energy and reserve capacity services. Energy Systems, 2019, 10, 635-675.	3.0	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.	8.8	7
182	Trading data for wind power forecasting: A regression market with lasso regularization. Electric Power Systems Research, 2022, 212, 108442.	3.6	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.	9.0	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.	6.5	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.	4.2	6
189	Online forecast reconciliation in wind power prediction. Electric Power Systems Research, 2021, 190, 106637.	3.6	6
190	Stochastic Control and Pricing for Natural Gas Networks. IEEE Transactions on Control of Network Systems, 2022, 9, 450-462.	3.7	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.	3.6	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.	0.4	4
196	Probabilistic tools for planning and operating power systems with distributed energy storage. Elektrotechnik Und Informationstechnik, 2008, 125, 460-465.	1.1	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.	6.5	4
198	Wind power forecasting: IEA Wind Task 36 & future research issues. Journal of Physics: Conference Series, 2016, 753, 032042.	0.4	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.	11.3	4
200	Data-driven study on individual occupant comfort using heating setpoints and window openings in new low-energy apartments – preliminary insights. E3S Web of Conferences, 2019, 111, 04063.	0.5	4
201	Data-driven learning from dynamic pricing data - Classification and forecasting. , 2019, , .		4
202	Coordination of power and natural gas markets via financial instruments. Computational Management Science, 2021, 18, 505-538.	1.3	4
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