Mikael Amelin

List of Publications by Year
in descending order

26 papers	408 citations	1163117 8 h-index	1199594 12 g-index
28 all docs	28 docs citations	28 times ranked	467 citing authors

#	Article	IF	Citations
1	Purchase Bidding Strategy for a Retailer With Flexible Demands in Day-Ahead Electricity Market. IEEE Transactions on Power Systems, 2017, 32, 1839-1850.	6.5	79
2	Price-Maker Bidding in Day-Ahead Electricity Market for a Retailer With Flexible Demands. IEEE Transactions on Power Systems, 2018, 33, 1948-1958.	6.5	66
3	Trading behaviour on the continuous intraday market Elbas. Energy Policy, 2016, 88, 544-557.	8.8	57
4	District heating system operation in power systems with high share of wind power. Journal of Modern Power Systems and Clean Energy, 2017, 5, 850-862.	5.4	35
5	Planning and Operation Models for EV Sharing Community in Spot and Balancing Market. IEEE Transactions on Smart Grid, 2019, 10, 6248-6258.	9.0	29
6	ATC-Based System Reduction for Planning Power Systems With Correlated Wind and Loads. IEEE Transactions on Power Systems, 2015, 30, 429-438.	6.5	27
7	Nordic Balancing Markets: Overview of Market Rules. , 2020, , .		20
8	A Literature Review of Intraday Electricity Markets and Prices. , 2019, , .		15
9	Scenario reduction, network aggregation, and DC linearisation: which simplifications matter most in operations and planning optimisation?. IET Generation, Transmission and Distribution, 2016, 10, 2748-2755.	2.5	13
10	Multistage Stochastic Programming for VPP Trading in Continuous Intraday Electricity Markets. IEEE Transactions on Sustainable Energy, 2022, 13, 1037-1048.	8.8	13
11	Analyzing Trade in Continuous Intra-Day Electricity Market: An Agent-Based Modeling Approach. Energies, 2021, 14, 3860.	3.1	9
12	Optimal Investment Planning of Bulk Energy Storage Systems. Sustainability, 2018, 10, 610.	3.2	7
13	Comparing variance reduction techniques for Monte Carlo Simulation of trading and security in a three-area power system. , 2008, , .		6
14	Probabilistic day-ahead CHP operation scheduling. , 2015, , .		5
15	Forecasting balancing market prices using Hidden Markov Models. , 2016, , .		5
16	Open Source Modelling and Simulation of the Nordic Hydro Power System. Energies, 2021, 14, 1425.	3.1	4
17	Estimating the price elasticity of residential power demand using a bottom-up approach. , 2016, , .		3
18	Optimized Operational Management of an EV Sharing Community Integrated with Battery Energy Storage and PV Generation. , 2018, , .		3

#	Article	IF	Citations
19	Impacts of flexible demand on the reliability of power systems. , 2018, , .		3
20	Corrections to "price-maker bidding in day-ahead electricity market for a retailer with flexible demands"[mar 18 1948-1958]. IEEE Transactions on Power Systems, 2018, 33, 3217-3217.	6.5	3
21	Distributed Balancing of Wind Power Forecast Deviations by Intraday Trading and Internal Ex-ante Self-Balancing -- A Modelling Approach. , 2013, , .		2
22	A Hybrid Model Based on Symbolic Regression and Neural Networks for Electricity Load Forecasting. , 2018, , .		2
23	A Network Aggregation Tool for the Energy System Modelling Framework Spine. , 2020, , .		1
24	Exploring Multitemporal Hydro Power Models of the Nordic Power System using Spine Toolbox. , 2020, , .		1
25	Short-term planning of hydro-thermal system with high wind energy penetration and energy storage. , 2016, , .		0
26	Open-Source Modelling and Simulation of a District Heating and Electricity Energy System. , 2022, , .		0