

Philipp Staudt

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

412
citations

1040056

9
h-index

1058476

14
g-index

30
all docs

30
docs citations

30
times ranked

358
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating hydrogen in single-price electricity systems: The effects of spatial economic signals. Energy Policy, 2022, 161, 112727.	8.8	28
2	Evaluation of an interactive visualization tool to increase energy literacy in the building sector. Energy and Buildings, 2022, 266, 112116.	6.7	3
3	Applying Data Reduction Methods to Battery Degradation Prediction Models for Electric Vehicles. , 2022, , 233-254.		0
4	Evaluating the impact of regulation on the path of electrification in Citizen Energy Communities with prosumer investment. Applied Energy, 2022, 319, 119241.	10.1	9
5	Information and Market Engineering at KIT: Quo Vadis?. , 2021, , 1-19.		0
6	Engineering Energy Markets: The Past, the Present, and the Future. , 2021, , 113-134.		1
7	Changing the Climate in Information Systems Research. Business and Information Systems Engineering, 2021, 63, 219-222.	6.1	8
8	Interview with Rainer Hoffmann on "The Transformation Towards Artificial Intelligence of Electric Utilities". Business and Information Systems Engineering, 2021, 63, 257-259.	6.1	0
9	Infrastructural coupling of the electricity and gas distribution grid to reduce renewable energy curtailment. Applied Energy, 2021, 288, 116597.	10.1	23
10	Decision support and strategies for the electrification of commercial fleets. Transportation Research, Part D: Transport and Environment, 2021, 97, 102894.	6.8	11
11	A sharing economy for residential communities with PV-coupled battery storage: Benefits, pricing and participant matching. Applied Energy, 2021, 301, 117351.	10.1	34
12	Merchant transmission in single-price electricity markets with cost-based redispatch. Energy Economics, 2021, 104, 105610.	12.1	4
13	Evaluating the importance and impact of user behavior on public destination charging of electric vehicles. Applied Energy, 2020, 258, 114061.	10.1	35
14	Data analytics in the electricity sector " A quantitative and qualitative literature review. Energy and AI, 2020, 1, 100009.	10.6	37
15	An operational strategy for district heating networks: application of data-driven heat load forecasts. Energy Informatics, 2020, 3, .	2.3	4
16	A Merchant Transmission Approach for Uniform-Price Electricity Markets. , 2020, , .		4
17	Call for Papers, Issue 3/2021. Business and Information Systems Engineering, 2019, 61, 767-769.	6.1	2
18	Transmission Grid Congestion Data and Directions for Future Research. , 2019, , .		4

#	ARTICLE	IF	CITATIONS
19	Perspectives on data availability and market approaches to congestion management. IT - Information Technology, 2019, 61, 73-85.	0.9	1
20	A comprehensive modelling framework for demand side flexibility in smart grids. Computer Science - Research and Development, 2018, 33, 13-23.	2.7	30
21	Liberalized Markets for Power Transmission Capacity. , 2018, , .		1
22	SCiBER. , 2018, , .		7
23	A decentralized approach towards resolving transmission grid congestion in Germany using vehicle-to-grid technology. Applied Energy, 2018, 230, 1435-1446.	10.1	53
24	Using vehicle-to-grid concepts to balance redispatch needs. , 2018, , .		3
25	Trading on local energy markets: A comparison of market designs and bidding strategies. , 2017, , .		94
26	Analysis of redispatch and transmission capacity pricing on a local electricity market setup. , 2017, , .		5
27	Electricity and telecommunication markets: A discussion of market designs. , 2017, , .		1
28	The effects of electricity tariffs on cost-minimal hydrogen supply chains and their impact on electricity prices and redispatch costs. , 0, , .		7
29	Direct Policy Search for Multiobjective Optimization of the Sizing and Operation of Citizen Energy Communities. , 0, , .		3