Stefan N PetroviÄ

List of Publications by Year
in descending order

21	595	566801 15	713013 21
papers	citations	h-index	g-index

21	21	21	601
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Industrial excess heat for district heating in Denmark. Applied Energy, 2017, 205, 991-1001.	5.1	80
2	Residential heat pumps in the future Danish energy system. Energy, 2016, 114, 787-797.	4.5	64
3	Climate change impacts on trends and extremes in future heating and cooling demands over Europe. Energy and Buildings, 2020, 226, 110397.	3.1	63
4	TIMES-DK: Technology-rich multi-sectoral optimisation model of the Danish energy system. Energy Strategy Reviews, 2019, 23, 13-22.	3.3	54
5	Spatiotemporal and economic analysis of industrial excess heat as a resource for district heating. Energy, 2018, 151, 715-728.	4.5	38
6	Danish heat atlas as a support tool for energy system models. Energy Conversion and Management, 2014, 87, 1063-1076.	4.4	36
7	Scenarios for sustainable heat supply and heat savings in municipalities - The case of HelsingÃ¸r, Denmark. Energy, 2017, 137, 1252-1263.	4.5	34
8	Challenges of data availability: Analysing the water-energy nexus in electricity generation. Energy Strategy Reviews, 2019, 26, 100426.	3.3	34
9	The offshore-onshore conundrum: Preferences for wind energy considering spatial data in Denmark. Renewable and Sustainable Energy Reviews, 2020, 121, 109711.	8.2	33
10	The role of data centres in the future Danish energy system. Energy, 2020, 194, 116928.	4.5	23
11	Scenicness assessment of onshore wind sites with geotagged photographs and impacts on approval and cost-efficiency. Nature Energy, 2021, 6, 663-672.	19.8	19
12	Model for Determining Geographical Distribution of Heat Saving Potentials in Danish Building Stock. ISPRS International Journal of Geo-Information, 2014, 3, 143-165.	1.4	18
13	RingkÃ¸bing-Skjern energy atlas for analysis of heat saving potentials in building stock. Energy, 2016, 110, 166-177.	4.5	18
14	Heat supply planning for the ecological housing community MunksÃ¸gÃ¥rd. Energy, 2016, 115, 1733-1747.	4.5	16
15	Exploring trade-offs between landscape impact, land use and resource quality for onshore variable renewable energy: an application to Great Britain. Energy, 2022, 250, 123754.	4.5	16
16	The Implications of Landscape Visual Impact on Future Highly Renewable Power Systems: A Case Study for Great Britain. IEEE Transactions on Power Systems, 2022, 37, 3311-3320.	4.6	12
17	Exploring the role of householdsâ€™ hurdle rates and demand elasticities in meeting Danish energy-savings target. Energy Policy, 2020, 146, 111785.	4.2	11
18	Identification and Evaluation of Cases for Excess Heat Utilisation Using GIS. Energies, 2018, 11, 762.	1.6	9

#	Article	IF	Citations
19	Energy Scenario Analysis for the Nordic Transport Sector: A Critical Review. Energies, 2019, 12, 2232.	1.6	8
20	Exploring the Long-Term Development of the Ukrainian Energy System. Energies, 2021, 14, 7731.	1.6	6
21	Power transformers as excess heat sources â€“ a case study for Denmark. Energy, 2022, 239, 122416.	4.5	3