

Maria Taljegard

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

848
citations

623188

14
h-index

794141

19
g-index

21
all docs

21
docs citations

21
times ranked

949
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrofuels for the transport sector: A review of production costs. Renewable and Sustainable Energy Reviews, 2018, 81, 1887-1905.	8.2	337
2	Impacts of electric vehicles on the electricity generation portfolio – A Scandinavian-German case study. Applied Energy, 2019, 235, 1637-1650.	5.1	92
3	Cost-Effective Choices of Marine Fuels in a Carbon-Constrained World: Results from a Global Energy Model. Environmental Science & Technology, 2014, 48, 12986-12993.	4.6	50
4	Value of wind power – Implications from specific power. Energy, 2017, 126, 352-360.	4.5	42
5	Large-scale implementation of electric road systems: Associated costs and the impact on CO ₂ emissions. International Journal of Sustainable Transportation, 2020, 14, 606-619.	2.1	38
6	Review of electrofuel feasibility – cost and environmental impact. Progress in Energy, 2022, 4, 032010.	4.6	34
7	The Potential for Electrofuels Production in Sweden Utilizing Fossil and Biogenic CO ₂ Point Sources. Frontiers in Energy Research, 2017, 5, .	1.2	33
8	Impact of electric vehicles on the cost-competitiveness of generation and storage technologies in the electricity system. Environmental Research Letters, 2019, 14, 124087.	2.2	31
9	Self-consumption and self-sufficiency for household solar producers when introducing an electric vehicle. Renewable Energy, 2020, 148, 1200-1215.	4.3	30
10	Spacial and dynamic energy demand of the E39 highway – Implications on electrification options. Applied Energy, 2017, 195, 681-692.	5.1	29
11	Review of electrofuel feasibility – prospects for road, ocean, and air transport. Progress in Energy, 2022, 4, 042007.	4.6	28
12	Hourly electricity demand from an electric road system – A Swedish case study. Applied Energy, 2018, 228, 141-148.	5.1	25
13	Electric Vehicles as Flexibility Management Strategy for the Electricity System – A Comparison between Different Regions of Europe. Energies, 2019, 12, 2597.	1.6	22
14	The Benefit of Collaboration in the North European Electricity System Transition – System and Sector Perspectives. Energies, 2019, 12, 4648.	1.6	19
15	To Represent Electric Vehicles in Electricity Systems Modelling – Aggregated Vehicle Representation vs. Individual Driving Profiles. Energies, 2021, 14, 539.	1.6	13
16	Impacts of Electric Road Systems on the German and Swedish Electricity Systems – An Energy System Model Comparison. Frontiers in Energy Research, 2021, 9, .	1.2	7
17	Safe and Sustainable Coastal Highway Route E39. Transportation Research Procedia, 2016, 14, 3350-3359.	0.8	5
18	Actuating the European Energy System Transition: Indicators for Translating Energy Systems Modelling Results into Policy-Making. Frontiers in Energy Research, 2021, 9, .	1.2	4

#	ARTICLE	IF	CITATIONS
19	Electric road systems in Norway and Sweden-impact on CO ₂ emissions and infrastructure cost. , 2017, , .		3
20	Impact of Vehicle-To-Grid on the European Electricity System - The Electric Vehicle Battery as a Storage Option. , 2019, , .		3
21	Comparison and Analysis of GPS Measured Electric Vehicle Charging Demand: The Case of Western Sweden and Seattle. Frontiers in Energy Research, 2021, 9, .	1.2	3