Maria Taljegard

List of Publications by Year
in descending order

21	848	623188 14	794141 19
papers	citations	h-index	g-index

21	21	21	949
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Review of electrofuel feasibilityâ€"cost and environmental impact. Progress in Energy, 2022, 4, 032010.	4.6	34
2	Review of electrofuel feasibilityâ€"prospects for road, ocean, and air transport. Progress in Energy, 2022, 4, 042007.	4.6	28
3	To Represent Electric Vehicles in Electricity Systems Modellingâ€"Aggregated Vehicle Representation vs. Individual Driving Profiles. Energies, 2021, 14, 539.	1.6	13
4	Impacts of Electric Road Systems on the German and Swedish Electricity Systemsâ€"An Energy System Model Comparison. Frontiers in Energy Research, 2021, 9, .	1.2	7
5	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
6	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
7	Large-scale implementation of electric road systems: Associated costs and the impact on CO₂ emissions. International Journal of Sustainable Transportation, 2020, 14, 606-619.	2.1	38
8	Self-consumption and self-sufficiency for household solar producers when introducing an electric vehicle. Renewable Energy, 2020, 148, 1200-1215.	4.3	30
9	Electric Vehicles as Flexibility Management Strategy for the Electricity Systemâ€"A Comparison between Different Regions of Europe. Energies, 2019, 12, 2597.	1.6	22
10	Impact of Vehicle-To-Grid on the European Electricity System - The Electric Vehicle Battery as a Storage Option. , 2019, , .		3
11	The Benefit of Collaboration in the North European Electricity System Transitionâ€"System and Sector Perspectives. Energies, 2019, 12, 4648.	1.6	19
12	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
13	Impacts of electric vehicles on the electricity generation portfolio â€“ A Scandinavian-German case study. Applied Energy, 2019, 235, 1637-1650.	5.1	92
14	Electrofuels for the transport sector: A review of production costs. Renewable and Sustainable Energy Reviews, 2018, 81, 1887-1905.	8.2	337
15	Hourly electricity demand from an electric road system â€“ A Swedish case study. Applied Energy, 2018, 228, 141-148.	5.1	25
16	Spacial and dynamic energy demand of the E39 highway â€“ Implications on electrification options. Applied Energy, 2017, 195, 681-692.	5.1	29
17	Value of wind power â€“ Implications from specific power. Energy, 2017, 126, 352-360.	4.5	42
18	Electric road systems in Norway and Sweden-impact on CO<inf>2</inf> emissions and infrastructure cost. , 2017, , .		3

#	Article	IF	Citations
19	The Potential for Electrofuels Production in Sweden Utilizing Fossil and Biogenic CO2 Point Sources. Frontiers in Energy Research, 2017, 5, .	1.2	33
20	Safe and Sustainable Coastal Highway Route E39. Transportation Research Procedia, 2016, 14, 3350-3359.	0.8	5
21	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