

# Mariliis Lehtveer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4846008/publications.pdf>

Version: 2024-02-01

15  
papers

593  
citations

686830

13  
h-index

996533

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

714  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioenergy with carbon capture and storage (BECCS): Global potential, investment preferences, and deployment barriers. <i>Energy Research and Social Science</i> , 2018, 42, 155-165.	3.0	153
2	The Potential Role of Ammonia as Marine Fuel—Based on Energy Systems Modeling and Multi-Criteria Decision Analysis. <i>Sustainability</i> , 2020, 12, 3265.	1.6	118
3	Techno-economic review of alternative fuels and propulsion systems for the aviation sector. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 151, 111564.	8.2	61
4	What Future for Electrofuels in Transport? Analysis of Cost Competitiveness in Global Climate Mitigation. <i>Environmental Science &amp; Technology</i> , 2019, 53, 1690-1697.	4.6	45
5	Biomass in the electricity system: A complement to variable renewables or a source of negative emissions?. <i>Energy</i> , 2019, 168, 532-541.	4.5	33
6	The role of negative carbon emissions in reaching the Paris climate targets: The impact of target formulation in integrated assessment models. <i>Environmental Research Letters</i> , 2020, 15, 124024.	2.2	28
7	How much can nuclear power reduce climate mitigation cost? — Critical parameters and sensitivity. <i>Energy Strategy Reviews</i> , 2015, 6, 12-19.	3.3	27
8	Using resource based slicing to capture the intermittency of variable renewables in energy system models. <i>Energy Strategy Reviews</i> , 2017, 18, 73-84.	3.3	26
9	Nuclear power as a climate mitigation strategy — technology and proliferation risk. <i>Journal of Risk Research</i> , 2015, 18, 273-290.	1.4	22
10	BECCS and DACCS as Negative Emission Providers in an Intermittent Electricity System: Why Levelized Cost of Carbon May Be a Misleading Measure for Policy Decisions. <i>Frontiers in Climate</i> , 2021, 3, .	1.3	20
11	The Benefit of Collaboration in the North European Electricity System Transition—System and Sector Perspectives. <i>Energies</i> , 2019, 12, 4648.	1.6	19
12	Managing variable renewables with biomass in the European electricity system: Emission targets and investment preferences. <i>Energy</i> , 2020, 213, 118786.	4.5	19
13	Multi-criteria analysis of nuclear power in the global energy system: Assessing trade-offs between simultaneously attainable economic, environmental and social goals. <i>Energy Strategy Reviews</i> , 2015, 8, 45-55.	3.3	17
14	Actuating the European Energy System Transition: Indicators for Translating Energy Systems Modelling Results into Policy-Making. <i>Frontiers in Energy Research</i> , 2021, 9, .	1.2	4
15	Estonian energy supply strategy assessment for 2035 and its vulnerability to climate driven shocks. <i>Environmental Progress and Sustainable Energy</i> , 2016, 35, 469-478.	1.3	1