

# Michaja Pehl

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8305920/publications.pdf>

Version: 2024-02-01

12  
papers

2,048  
citations

840776

11  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

2547  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of declining renewable energy costs on electrification in low-emission scenarios. Nature Energy, 2022, 7, 32-42.	39.5	196
2	A sustainable development pathway for climate action within the UN 2030 Agenda. Nature Climate Change, 2021, 11, 656-664.	18.8	179
3	REMIND2.1: transformation and innovation dynamics of the energy-economic system within climate and sustainability limits. Geoscientific Model Development, 2021, 14, 6571-6603.	3.6	34
4	The CO <sub>2</sub> reduction potential for the European industry via direct electrification of heat supply (power-to-heat). Environmental Research Letters, 2020, 15, 124004.	5.2	114
5	Environmental co-benefits and adverse side-effects of alternative power sector decarbonization strategies. Nature Communications, 2019, 10, 5229.	12.8	188
6	Deriving life cycle assessment coefficients for application in integrated assessment modelling. Environmental Modelling and Software, 2018, 99, 111-125.	4.5	59
7	Short term policies to keep the door open for Paris climate goals. Environmental Research Letters, 2018, 13, 074022.	5.2	48
8	Residual fossil CO <sub>2</sub> emissions in 1.5°C pathways. Nature Climate Change, 2018, 8, 626-633.	18.8	380
9	Understanding future emissions from low-carbon power systems by integration of life-cycle assessment and integrated energy modelling. Nature Energy, 2017, 2, 939-945.	39.5	321
10	Fossil-fueled development (SSP5): An energy and resource intensive scenario for the 21st century. Global Environmental Change, 2017, 42, 297-315.	7.8	418
11	The impact of climate change mitigation on water demand for energy and food: An integrated analysis based on the Shared Socioeconomic Pathways. Environmental Science and Policy, 2016, 64, 48-58.	4.9	58
12	Description of the REMIND Model (Version 1.6). SSRN Electronic Journal, 0, , .	0.4	46