Michaja Pehl

List of Publications by Year
in descending order

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

Version: 2024-02-01

12	2,048	840776 11	1281871 11
papers	citations	h-index	g-index

13	13	13	2547
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fossil-fueled development (SSP5): An energy and resource intensive scenario for the 21st century. Global Environmental Change, 2017, 42, 297-315.	7.8	418
2	Residual fossil CO2 emissions in 1.5â€“2â€‰Â°C pathways. Nature Climate Change, 2018, 8, 626-633.	18.8	380
3	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
4	Impact of declining renewable energy costs on electrification in low-emission scenarios. Nature Energy, 2022, 7, 32-42.	39.5	196
5	Environmental co-benefits and adverse side-effects of alternative power sector decarbonization strategies. Nature Communications, 2019, 10, 5229.	12.8	188
6	A sustainable development pathway for climate action within the UN 2030 Agenda. Nature Climate Change, 2021, 11, 656-664.	18.8	179
7	The CO₂ reduction potential for the European industry via direct electrification of heat supply (power-to-heat). Environmental Research Letters, 2020, 15, 124004.	5.2	114
8	Deriving life cycle assessment coefficients for application in integrated assessment modelling. Environmental Modelling and Software, 2018, 99, 111-125.	4.5	59
9	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
10	Short term policies to keep the door open for Paris climate goals. Environmental Research Letters, 2018, 13, 074022.	5.2	48
11	Description of the REMIND Model (Version 1.6). SSRN Electronic Journal, 0, , .	0.4	46
12	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