

Lukas Weimann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3972592/publications.pdf>

Version: 2024-02-01

8

papers

141

citations

2258059

3

h-index

1720034

7

g-index

8

all docs

8

docs citations

8

times ranked

173

citing authors

#	ARTICLE	IF	CITATIONS
1	A novel time discretization method for solving complex multi-energy system design and operation problems with high penetration of renewable energy. Computers and Chemical Engineering, 2022, 163, 107816.	3.8	4
2	An MILP model of post-combustion carbon capture based on detailed process simulation. Computer Aided Chemical Engineering, 2021, 50, 319-325.	0.5	2
3	Optimal hydrogen production in a wind-dominated zero-emission energy system. Advances in Applied Energy, 2021, 3, 100032.	13.2	36
4	Optimal Design and Operation of Temporary Power Installations: Case Study on CO ₂ and Cost Savings for Outdoor Festivals in the Netherlands. Journal of the Urban Planning and Development Division, ASCE, 2021, 147, 04021038.	1.7	0
5	Energy System Design for the Production of Synthetic Carbon-neutral Fuels from Air-captured CO ₂ . Computer Aided Chemical Engineering, 2020, , 1471-1476.	0.5	1
6	Continuous Production of Five Active Pharmaceutical Ingredients in Flexible Plug-and-Play Modules: A Demonstration Campaign. Organic Process Research and Development, 2020, 24, 2183-2196.	2.7	50
7	On the role of H ₂ storage and conversion for wind power production in the Netherlands. Computer Aided Chemical Engineering, 2019, , 1627-1632.	0.5	2
8	Design of a technical Mg-Al mixed oxide catalyst for the continuous manufacture of glycerol carbonate. Journal of Materials Chemistry A, 2017, 5, 16200-16211.	10.3	46