

Lukas Weimann

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

141
citations

2257263

3
h-index

1719596

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. <i>Computers and Chemical Engineering</i> , 2022, 163, 107816.	2.0	4
2	An MILP model of post-combustion carbon capture based on detailed process simulation. <i>Computer Aided Chemical Engineering</i> , 2021, 50, 319-325.	0.3	2
3	Optimal hydrogen production in a wind-dominated zero-emission energy system. <i>Advances in Applied Energy</i> , 2021, 3, 100032.	6.6	36
4	Optimal Design and Operation of Temporary Power Installations: Case Study on CO ₂ and Cost Savings for Outdoor Festivals in the Netherlands. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2021, 147, 04021038.	0.8	0
5	Energy System Design for the Production of Synthetic Carbon-neutral Fuels from Air-captured CO ₂ . <i>Computer Aided Chemical Engineering</i> , 2020, , 1471-1476.	0.3	1
6	Continuous Production of Five Active Pharmaceutical Ingredients in Flexible Plug-and-Play Modules: A Demonstration Campaign. <i>Organic Process Research and Development</i> , 2020, 24, 2183-2196.	1.3	50
7	On the role of H ₂ storage and conversion for wind power production in the Netherlands. <i>Computer Aided Chemical Engineering</i> , 2019, , 1627-1632.	0.3	2
8	Design of a technical Mg-Al mixed oxide catalyst for the continuous manufacture of glycerol carbonate. <i>Journal of Materials Chemistry A</i> , 2017, 5, 16200-16211.	5.2	46