

# Lukas Weimann

## List of Publications by Year in descending order

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

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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	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
2	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
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	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
5	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
6	On the role of H <sub>2</sub> storage and conversion for wind power production in the Netherlands. <i>Computer Aided Chemical Engineering</i> , 2019, , 1627-1632.	0.3	2
7	Energy System Design for the Production of Synthetic Carbon-neutral Fuels from Air-captured CO <sub>2</sub> . <i>Computer Aided Chemical Engineering</i> , 2020, , 1471-1476.	0.3	1
8	Optimal Design and Operation of Temporary Power Installations: Case Study on CO <sub>2</sub> 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