

Fangwei Cheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/760455/publications.pdf>

Version: 2024-02-01

10
papers

363
citations

1163117

8
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

322
citing authors

#	ARTICLE	IF	CITATIONS
1	Slow pyrolysis as a platform for negative emissions technology: An integration of machine learning models, life cycle assessment, and economic analysis. <i>Energy Conversion and Management</i> , 2020, 223, 113258.	9.2	119
2	Is hydrothermal treatment coupled with carbon capture and storage an energy-producing negative emissions technology?. <i>Energy Conversion and Management</i> , 2020, 203, 112252.	9.2	66
3	Full-scale municipal sludge pyrolysis in China: Design fundamentals, environmental and economic assessments, and future perspectives. <i>Science of the Total Environment</i> , 2021, 795, 148832.	8.0	40
4	The levelized cost of negative CO ₂ emissions from thermochemical conversion of biomass coupled with carbon capture and storage. <i>Energy Conversion and Management</i> , 2021, 237, 114115.	9.2	38
5	Sludge carbonization and activation: From hazardous waste to functional materials for water treatment. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 4574-4586.	6.7	33
6	Comparison between conventional solvothermal and aqueous solution-based production of UiO-66-NH ₂ : Life cycle assessment, techno-economic assessment, and implications for CO ₂ capture and storage. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105159.	6.7	33
7	2D Fe ₃ O ₄ Nanosheets for Effective Arsenic Removal. <i>Journal of Contemporary Water Research and Education</i> , 2017, 160, 132-143.	0.7	9
8	Modeling the operational flexibility of natural gas combined cycle power plants coupled with flexible carbon capture and storage via solvent storage and flexible regeneration. <i>International Journal of Greenhouse Gas Control</i> , 2022, 118, 103686.	4.6	9
9	Evaluating the Impacts of ACP Management on the Energy Performance of Hydrothermal Liquefaction via Nutrient Recovery. <i>Energies</i> , 2019, 12, 729.	3.1	8
10	Evaluating the minimum fuel selling price of algae-derived biofuel from hydrothermal liquefaction. <i>Bioresource Technology Reports</i> , 2022, 17, 100901.	2.7	8