

Xueyu Tian

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

476
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

533
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable design of Cornell University campus energy systems toward climate neutrality and 100% renewables. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 161, 112383.	16.4	25
2	Life cycle assessment of recycling strategies for perovskite photovoltaic modules. <i>Nature Sustainability</i> , 2021, 4, 821-829.	23.7	87
3	Energy and Environmental Sustainability Assessment of Photovoltaics Transition toward Perovskite—Perovskite Tandems from the Attributional and Consequential Perspectives. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 11247-11257.	6.7	9
4	Sustainable design of geothermal energy systems for electric power generation using life cycle optimization. <i>AIChE Journal</i> , 2020, 66, e16898.	3.6	21
5	Life cycle energy use and environmental implications of high-performance perovskite tandem solar cells. <i>Science Advances</i> , 2020, 6, eabb0055.	10.3	60
6	Retrofitting Municipal Wastewater Treatment Facilities toward a Greener and Circular Economy by Virtue of Resource Recovery: Techno-Economic Analysis and Life Cycle Assessment. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 13823-13837.	6.7	34
7	Carbon-neutral hybrid energy systems with deep water source cooling, biomass heating, and geothermal heat and power. <i>Applied Energy</i> , 2019, 250, 413-432.	10.1	52
8	Manufacturing Ethylene from Wet Shale Gas and Biomass: Comparative Technoeconomic Analysis and Environmental Life Cycle Assessment. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 5980-5998.	3.7	50
9	Synergistic effects from co-pyrolysis of low-rank coal and model components of microalgae biomass. <i>Energy Conversion and Management</i> , 2017, 135, 212-225.	9.2	118
10	Numerical evaluation of the diffusion enhancement in meso-microporous materials originating from mesopores. <i>Microporous and Mesoporous Materials</i> , 2017, 245, 58-63.	4.4	2
11	Hydromechanical Simulation of a Bubbling Fluidized Bed Using an Extended Bubble-based EMMS Model. <i>Powder Technology</i> , 2017, 313, 369-381.	4.2	16
12	Dehydration kinetics for coal-based isobutanol on Al_2O_3 . <i>Canadian Journal of Chemical Engineering</i> , 2017, 95, 2096-2103.	1.7	2