

Kai Lan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4608664/publications.pdf>

Version: 2024-02-01

13
papers

246
citations

1039880

9
h-index

1281743

11
g-index

13
all docs

13
docs citations

13
times ranked

145
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating Life Cycle Assessment and Agent-Based Modeling: A Dynamic Modeling Framework for Sustainable Agricultural Systems. <i>Journal of Cleaner Production</i> , 2019, 238, 117853.	4.6	42
2	Dynamic life cycle carbon and energy analysis for cross-laminated timber in the Southeastern United States. <i>Environmental Research Letters</i> , 2020, 15, 124036.	2.2	35
3	Techno-Economic Analysis of decentralized preprocessing systems for fast pyrolysis biorefineries with blended feedstocks in the southeastern United States. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 143, 110881.	8.2	34
4	Techno-economic analysis of producing xylo-oligosaccharides and cellulose microfibrils from lignocellulosic biomass. <i>Bioresource Technology</i> , 2021, 340, 125726.	4.8	27
5	Life Cycle Analysis of Decentralized Preprocessing Systems for Fast Pyrolysis Biorefineries with Blended Feedstocks in the Southeastern United States. <i>Energy Technology</i> , 2020, 8, 1900850.	1.8	25
6	Sustainability implications of artificial intelligence in the chemical industry: A conceptual framework. <i>Journal of Industrial Ecology</i> , 2022, 26, 164-182.	2.8	20
7	Impacts of uncertain feedstock quality on the economic feasibility of fast pyrolysis biorefineries with blended feedstocks and decentralized preprocessing sites in the Southeastern United States. <i>GCB Bioenergy</i> , 2020, 12, 1014-1029.	2.5	15
8	Dynamic life-cycle carbon analysis for fast pyrolysis biofuel produced from pine residues: implications of carbon temporal effects. <i>Biotechnology for Biofuels</i> , 2021, 14, 191.	6.2	14
9	Dynamic Life Cycle Assessment of Energy Technologies under Different Greenhouse Gas Concentration Pathways. <i>Environmental Science & Technology</i> , 2022, 56, 1395-1404.	4.6	14
10	Two Tandem Cylinders With Passive Turbulence Control in Flow-Induced Vibration: Relation of Oscillation Patterns to Frequency Response. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2018, 140, .	0.6	8
11	Key issue, challenges, and status quo of models for biofuel supply chain design. , 2020, , 273-315.		7
12	Understanding the Impacts of Plant Capacities and Uncertainties on the Techno-Economic Analysis of Cross-Laminated Timber Production in the Southern U.S.. <i>Journal of Renewable Materials</i> , 2022, 10, 53-73.	1.1	5
13	Two Tandem Cylinders With Passive Turbulence Control in Flow Induced Vibration: Relation of Oscillation Patterns to Frequency Response. , 2017, , .		0