Kai Lan

List of Publications by Year
in descending order

13	246	1039880 9	1281743 11
papers	citations	h-index	g-index

13	13	13	145
all docs	docs citations	times ranked	citing authors

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