

Jingru Liu

List of Publications by Year in descending order

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22
papers

873
citations

516710

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677142

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all docs

22
docs citations

22
times ranked

982
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparison study of bottom-up and top-down methods for analyzing the physical composition of municipal solid waste. <i>Journal of Industrial Ecology</i> , 2022, 26, 240-251.	5.5	5
2	Toward a Sustainable Municipal Solid Waste Incineration Fly-Ash Utilization Network: Integrating Hybrid Life Cycle Assessment with Multiobjective Optimization. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 7635-7647.	6.7	5
3	Materials footprint of household consumption in China. <i>Journal of Industrial Ecology</i> , 2022, 26, 1504-1513.	5.5	5
4	Sharing tableware reduces waste generation, emissions and water consumption in China's takeaway packaging waste dilemma. <i>Nature Food</i> , 2020, 1, 552-561.	14.0	52
5	Material flows and in-use stocks of durable goods in Chinese urban household sector. <i>Resources, Conservation and Recycling</i> , 2020, 158, 104758.	10.8	21
6	Urban buildings material intensity in China from 1949 to 2015. <i>Resources, Conservation and Recycling</i> , 2020, 159, 104824.	10.8	39
7	An optimization method for energy structures based on life cycle assessment and its application to the power grid in China. <i>Journal of Environmental Management</i> , 2019, 238, 18-24.	7.8	18
8	Peak cement-related CO ₂ emissions and the changes in drivers in China. <i>Journal of Industrial Ecology</i> , 2019, 23, 959-971.	5.5	64
9	The Landscape Patterns of the Giant Panda Protection Area in Sichuan Province and Their Impact on Giant Pandas. <i>Sustainability</i> , 2019, 11, 5993.	3.2	6
10	Life cycle greenhouse gas emissions of Chinese urban household consumption based on process life cycle assessment: Exploring the critical influencing factors. <i>Journal of Cleaner Production</i> , 2019, 210, 898-906.	9.3	27
11	Water footprints of energy sources in China: Exploring options to improve water efficiency. <i>Journal of Cleaner Production</i> , 2018, 174, 1021-1031.	9.3	64
12	Life cycle assessment-based selection of a sustainable lightweight automotive engine hood design. <i>International Journal of Life Cycle Assessment</i> , 2017, 22, 1373-1383.	4.7	38
13	The ecosystem service value as a new eco-efficiency indicator for industrial parks. <i>Journal of Cleaner Production</i> , 2017, 164, 597-605.	9.3	23
14	Comparative life cycle assessment of regional electricity supplies in China. <i>Resources, Conservation and Recycling</i> , 2017, 119, 47-59.	10.8	64
15	Life cycle assessment of Chinese radial passenger vehicle tire. <i>International Journal of Life Cycle Assessment</i> , 2016, 21, 1749-1758.	4.7	20
16	Carbon footprint of laptops for export from China: empirical results and policy implications. <i>Journal of Cleaner Production</i> , 2016, 113, 674-680.	9.3	11
17	Targeted opportunities to address the climate-trade dilemma in China. <i>Nature Climate Change</i> , 2016, 6, 201-206.	18.8	206
18	An analysis of the driving forces behind pollutant emission reduction in Chinese industry. <i>Journal of Cleaner Production</i> , 2016, 112, 1395-1400.	9.3	26

#	ARTICLE	IF	CITATIONS
19	Life-cycle assessment of China's multi-crystalline silicon photovoltaic modules considering international trade. <i>Journal of Cleaner Production</i> , 2015, 94, 35-45.	9.3	80
20	Effective green equivalent "A measure of public green spaces for cities. <i>Ecological Indicators</i> , 2014, 47, 123-127.	6.3	59
21	Environment consumption patterns of Chinese urban households and their policy implications. <i>International Journal of Sustainable Development and World Ecology</i> , 2009, 16, 9-14.	5.9	10
22	Metabolism and Driving Forces of Chinese Urban Household Consumption. <i>Population and Environment</i> , 2005, 26, 325-341.	3.0	30