

Zhixing Luo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7921250/publications.pdf>

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9
papers

315
citations

1163117
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1474206
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9
all docs

9
docs citations

9
times ranked

199
citing authors

#	ARTICLE	IF	CITATIONS
1	Embodied carbon emissions of office building: A case study of China's 78 office buildings. <i>Building and Environment</i> , 2016, 95, 365-371.	6.9	106
2	Towards low-carbon cities through building-stock-level carbon emission analysis: a calculating and mapping method. <i>Sustainable Cities and Society</i> , 2022, 78, 103633.	10.4	49
3	A new method for calculating the embodied carbon emissions from buildings in schematic design: Taking "building element" as basic unit. <i>Building and Environment</i> , 2020, 185, 107306.	6.9	40
4	Prediction of embodied carbon emissions from residential buildings with different structural forms. <i>Sustainable Cities and Society</i> , 2020, 54, 101946.	10.4	36
5	A Quantitative Process-Based Inventory Study on Material Embodied Carbon Emissions of Residential, Office, and Commercial Buildings in China. <i>Journal of Thermal Science</i> , 2019, 28, 1236-1251.	1.9	30
6	Assessing the embodied carbon reduction potential of straw bale rural houses by hybrid life cycle assessment: A four-case study. <i>Journal of Cleaner Production</i> , 2021, 303, 127002.	9.3	23
7	Study on dual-objective optimization method of life cycle energy consumption and economy of office building based on HypE genetic algorithm. <i>Energy and Buildings</i> , 2022, 256, 111749.	6.7	16
8	Real-world carbon emissions evaluation for prefabricated component transportation by battery electric vehicles. <i>Energy Reports</i> , 2022, 8, 8186-8199.	5.1	11
9	Multi-case study on the carbon emissions of the ecological dwellings in cold regions of China over the whole life cycle. <i>Energy Exploration and Exploitation</i> , 2020, 38, 1998-2018.	2.3	4