Huanyu Wu

List of Publications by Year
in descending order

22 papers	1,501 citations	623734 14 h-index	713466 21 g-index
22 all docs	22 docs citations	22 times ranked	886 citing authors

#	ARTICLE	IF	CITATIONS
1	Characterizing the generation and flows of construction and demolition waste in China. Construction and Building Materials, 2017, 136, 405-413.	7.2	313
2	Status quo and future directions of construction and demolition waste research: A critical review. Journal of Cleaner Production, 2019, 240, 118163.	9.3	190
3	Combining life cycle assessment and Building Information Modelling to account for carbon emission of building demolition waste: A case study. Journal of Cleaner Production, 2018, 172, 3154-3166.	9.3	151
4	An innovative approach to managing demolition waste via GIS (geographic information system): a case study in Shenzhen city, China. Journal of Cleaner Production, 2016, 112, 494-503.	9.3	123
5	Considering life-cycle environmental impacts and society's willingness for optimizing construction and demolition waste management fee: An empirical study of China. Journal of Cleaner Production, 2019, 206, 1004-1014.	9.3	117
6	Demolition waste generation and recycling potentials in a rapidly developing flagship megacity of South China: Prospective scenarios and implications. Construction and Building Materials, 2016, 113, 1007-1016.	7.2	106
7	A review of performance assessment methods for construction and demolition waste management. Resources, Conservation and Recycling, 2019, 150, 104407.	10.8	95
8	Critical evaluation of construction and demolition waste and associated environmental impacts: A scientometric analysis. Journal of Cleaner Production, 2021, 287, 125071.	9.3	77
9	Construction and demolition waste research: a bibliometric analysis. Architectural Science Review, 2019, 62, 354-365.	2.2	70
10	Cross-regional mobility of construction and demolition waste in Australia: An exploratory study. Resources, Conservation and Recycling, 2020, 156, 104710.	10.8	68
11	Quantification of carbon emission of construction waste by using streamlined LCA: a case study of Shenzhen, China. Journal of Material Cycles and Waste Management, 2015, 17, 637-645.	3.0	44
12	Understanding Factors Influencing Project Managersâ€™ Behavioral Intentions to Reduce Waste in Construction Projects. Journal of Management in Engineering - ASCE, 2018, 34, .	4.8	39
13	Environmental impacts of cross-regional mobility of construction and demolition waste: An Australia Study. Resources, Conservation and Recycling, 2021, 174, 105805.	10.8	21
14	Cost-benefit analysis of demolition waste management via agent-based modelling: A case study in Shenzhen. Waste Management, 2022, 137, 169-178.	7.4	21
15	Determinants Affecting Purchase Willingness of Contractors towards Construction and Demolition Waste Recycling Products: An Empirical Study in Shenzhen, China. International Journal of Environmental Research and Public Health, 2021, 18, 4412.	2.6	17
16	Investigating the connection between stakeholdersâ€™ purchase intention and perceived value of construction and demolition waste recycled products. Environment, Development and Sustainability, 2022, 24, 9285-9303.	5.0	13
17	Self-fulfillment degree of construction and demolition waste management capability based on the Triple-balance theory: A case study of Guangdong-Hong Kong-Macao Greater Bay Area. Waste Management, 2021, 133, 99-109.	7.4	12
18	Identifying Sustainable Wood Sources for the Construction Industry: A Case Study. Sustainability, 2018, 10, 139.	3.2	10

#	Article	IF	Citations
19	Real‐Time and Image‐Based AQI Estimation Based on Deep Learning. Advanced Theory and Simulations, 2022, 5, .	2.8	6
20	Characterizing the Generation and Management of a New Construction Waste in China: Glass Curtain Wall. Procedia Environmental Sciences, 2016, 31, 204-210.	1.4	4
21	Information system with multiple data layer approach to select the C&D waste landfilling infrastructure. Environmental Science and Pollution Research, 2020, 27, 38788-38804.	5.3	4
22	A Model for Predicting the Generation of Demolition Waste During the Urban Renewal Process. , 2021, , 1014-1027.		0