

Amal Bakchan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3213913/publications.pdf>

Version: 2024-02-01

14
papers

391
citations

1162367

8
h-index

1281420

11
g-index

14
all docs

14
docs citations

14
times ranked

362
citing authors

#	ARTICLE	IF	CITATIONS
1	BIM-based automated construction waste estimation algorithms: The case of concrete and drywall waste streams. <i>Waste Management</i> , 2019, 87, 825-832.	3.7	89
2	Behavioral determinants towards enhancing construction waste management: A Bayesian Network analysis. <i>Resources, Conservation and Recycling</i> , 2017, 117, 274-284.	5.3	84
3	A field based methodology for estimating waste generation rates at various stages of construction projects. <i>Resources, Conservation and Recycling</i> , 2015, 100, 70-80.	5.3	65
4	Seven-dimensional automated construction waste quantification and management framework: Integration with project and site planning. <i>Resources, Conservation and Recycling</i> , 2019, 146, 462-474.	5.3	45
5	Construction waste generation estimates of institutional building projects: Leveraging waste hauling tickets. <i>Waste Management</i> , 2019, 87, 301-312.	3.7	41
6	A structural equation model for enhancing effectiveness of engineering, procurement and construction (EPC) major projects. <i>Engineering, Construction and Architectural Management</i> , 2018, 25, 1226-1252.	1.8	16
7	Impacts of COVID-19 social distancing policies on water demand: A population dynamics perspective. <i>Journal of Environmental Management</i> , 2022, 302, 113949.	3.8	15
8	Comparing Qualitative Analysis Techniques for Construction Engineering and Management Research: The Case of Arctic Water Infrastructure. <i>Journal of Construction Engineering and Management - ASCE</i> , 2022, 148, .	2.0	14
9	Resilient Water and Wastewater Infrastructure Systems through Integrated Humanitarian-Development Processes: The Case of Lebanon's Protracted Refugee Crisis. <i>Environmental Science & Technology</i> , 2021, 55, 6407-6420.	4.6	9
10	BIM-Based Estimation of Wood Waste Stream: The Case of an Institutional Building Project. , 2019, , .		4
11	Leveraging water-wastewater data interdependencies to understand infrastructure systems' behaviors during COVID-19 pandemic. <i>Journal of Cleaner Production</i> , 2022, 367, 132962.	4.6	4
12	Benchmarking pavement practices in data-scarce regions – case of Saudi Arabia. <i>International Journal of Pavement Engineering</i> , 2021, 22, 294-306.	2.2	3
13	Humanitarian-Development Nexus Regarding Water and Wastewater Service Provision: Learning from Lebanon's Protracted Population Displacement. , 2020, , .		2
14	Using Wastewater Flow to Understand Water System's Demand Behavior during the COVID-19 Pandemic in an Urban Metropolitan City in Texas. , 2022, , .		0