

Amal Bakchan

List of Publications by Year in descending order

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14
papers

391
citations

1163117
8
h-index

1281871
11
g-index

14
all docs

14
docs citations

14
times ranked

362
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of COVID-19 social distancing policies on water demand: A population dynamics perspective. Journal of Environmental Management, 2022, 302, 113949.	7.8	15
2	Using Wastewater Flow to Understand Water System's Demand Behavior during the COVID-19 Pandemic in an Urban Metropolitan City in Texas. , 2022, , .		0
3	Comparing Qualitative Analysis Techniques for Construction Engineering and Management Research: The Case of Arctic Water Infrastructure. Journal of Construction Engineering and Management - ASCE, 2022, 148, .	3.8	14
4	Leveraging water-wastewater data interdependencies to understand infrastructure systems's behaviors during COVID-19 pandemic. Journal of Cleaner Production, 2022, 367, 132962.	9.3	4
5	Benchmarking pavement practices in data-scarce regions " case of Saudi Arabia. International Journal of Pavement Engineering, 2021, 22, 294-306.	4.4	3
6	Resilient Water and Wastewater Infrastructure Systems through Integrated Humanitarian-Development Processes: The Case of Lebanon's Protracted Refugee Crisis. Environmental Science & Technology, 2021, 55, 6407-6420.	10.0	9
7	Humanitarian-Development Nexus Regarding Water and Wastewater Service Provision: Learning from Lebanon's Protracted Population Displacement. , 2020, , .		2
8	BIM-Based Estimation of Wood Waste Stream: The Case of an Institutional Building Project. , 2019, , .		4
9	Seven-dimensional automated construction waste quantification and management framework: Integration with project and site planning. Resources, Conservation and Recycling, 2019, 146, 462-474.	10.8	45
10	BIM-based automated construction waste estimation algorithms: The case of concrete and drywall waste streams. Waste Management, 2019, 87, 825-832.	7.4	89
11	Construction waste generation estimates of institutional building projects: Leveraging waste hauling tickets. Waste Management, 2019, 87, 301-312.	7.4	41
12	A structural equation model for enhancing effectiveness of engineering, procurement and construction (EPC) major projects. Engineering, Construction and Architectural Management, 2018, 25, 1226-1252.	3.1	16
13	Behavioral determinants towards enhancing construction waste management: A Bayesian Network analysis. Resources, Conservation and Recycling, 2017, 117, 274-284.	10.8	84
14	A field based methodology for estimating waste generation rates at various stages of construction projects. Resources, Conservation and Recycling, 2015, 100, 70-80.	10.8	65