Amirhosein Jafari

List of Publications by Year
in descending order

29 papers	501 citations	840119 11 h-index	996533 15 g-index
29 all docs	29 docs citations	29 times ranked	426 citing authors

#	Article	IF	Citations
1	An optimization framework for building energy retrofits decision-making. Building and Environment, 2017, 115, 118-129.	3.0	144
2	Selection of optimization objectives for decision-making in building energy retrofits. Building and Environment, 2018, 130, 94-103.	3.0	64
3	Quality Costs in Construction: Case of Qom Monorail Project in Iran. Journal of Construction Engineering and Management - ASCE, 2013, 139, 1244-1249.	2.0	31
4	A contractor pre-qualification model based on the quality function deployment method. Construction Management and Economics, 2013, 31, 746-760.	1.8	31
5	Cost of Quality Evaluation in Mass-Housing Projects in Developing Countries. Journal of Construction Engineering and Management - ASCE, 2014, 140, .	2.0	31
6	Identification of Social Sustainability Criteria in Building Energy Retrofit Projects. Journal of Construction Engineering and Management - ASCE, 2019, 145, .	2.0	28
7	Decision-making life-cycle cost analysis model for energy-efficient housing retrofits. International Journal of Sustainable Building Technology and Urban Development, 2015, 6, 173-187.	1.0	26
8	An agent-based simulation of occupancy schedule in office buildings. Building and Environment, 2020, 186, 107352.	3.0	23
9	Survey research on quality costs and problems in the construction environment. Total Quality Management and Business Excellence, 2014, 25, 222-234.	2.4	18
10	Predictive Analytics Approach to Evaluate Wage Inequality in Engineering Organizations. Journal of Management in Engineering - ASCE, 2020, 36, .	2.6	16
11	Modeling and simulation of energy-related human-building interaction: A systematic review. Journal of Building Engineering, 2021, 44, 102928.	1.6	14
12	Driving forces for the US residential housing price: a predictive analysis. Built Environment Project and Asset Management, 2019, 9, 515-529.	0.9	10
13	A Machine Learning Framework to Identify Employees at Risk of Wage Inequality: U.S. Department of Transportation Case Study. , 2019, , .		10
14	Estimating the Economic Value of Energy Improvements in U.S. Residential Housing. Journal of Construction Engineering and Management - ASCE, 2017, 143, .	2.0	9
15	Construction Project Management Dimensions in Transportation Agencies: Case Study of the US Department of Transportation. Practice Periodical on Structural Design and Construction, 2021, 26, .	0.7	9
16	SUSTAINABLE IMPACT OF BUILDING ENERGY RETROFIT MEASURES. Journal of Green Building, 2017, 12, 69-84.	0.4	8
17	An Investment Allocation Approach for Building Energy Retrofits. , 2016, , .		7
18	Sensitivity Analysis of Factors Affecting Decision-Making for a Housing Energy Retrofit: A Case Study. , 2016, , .		6

#	Article	IF	Citations
19	Assessment of Social Indicators in Energy Housing Retrofits. , 2016, , .		5
20	Proposing a Conceptual Decision Support System for Building Energy Retrofits Considering Sustainable Triple Bottom Line Criteria. , 2018, , .		4
21	Building Energy Performance Prediction Using Machine Learning: A Data-Driven Decision-Making Framework for Energy Retrofits. , 2020, , .		2
22	Using Wi-Fi Position System for Developing a Privacy-Preserving Contact Tracing System in University Campuses. , 2022, , .		2
23	Analysis of Lighting Occupancy Sensor Installation in Building Renovation Using Agent-Based Modeling of Occupant Behavior. , 2019, , .		1
24	Investigating Implementation Level of Phase-Based Strategies in Transportation Infrastructure Projects. Canadian Journal of Civil Engineering, 0, , .	0.7	1
25	Application of Concrete 3D Printing for Bridge Construction: Current Challenges and Future Directions. , 2022, , .		1
26	Optimizing Railroad Bridge Networks Management Using Mixed Integer Linear Programming and Genetic Algorithm. , 2017, , .		0
27	Exploring Human-Building Energy-Related Actions Modeling and Simulation. , 2022, , .		0
28	Statistical Analysis of Laundry Time Use and Energy Demand in US Residential Housing. , 2022, , .		0
29	Developing a Data-Driven Framework for Lighting Energy Consumption Prediction in US Office Buildings. , 2022, , .		0