Amir Mahdiyar

List of Publications by Year
in descending order

40 papers	1,434 citations	331670 21 h-index	330143 37 g-index
40 all docs	40 docs citations	40 times ranked	1099 citing authors

#	Article	IF	Citations
1	Towards enhancement in reliability and safety of construction projects: developing a hybrid multi-dimensional fuzzy-based approach. Engineering, Construction and Architectural Management, 2023, 30, 2255-2279.	3.1	14
2	What drives clients to purchase green building?: The cybernetic fuzzy analytic hierarchy process approach. Engineering, Construction and Architectural Management, 2022, 29, 4015-4039.	3.1	18
3	Towards the Development of a Comprehensive Lifecycle Risk Assessment Model for Green Roof Implementation. Sustainable Cities and Society, 2022, 76, 103404.	10.4	17
4	Deterrents to the adoption of green walls: a hybrid fuzzy-based approach. Engineering, Construction and Architectural Management, 2022, 29, 3460-3479.	3.1	13
5	Barriers to the implementation of Building Information Modelling (BIM) for facility management. Journal of Building Engineering, 2022, 46, 103736.	3.4	54
6	Investigating the Barriers to Applying the Internet-of-Things-Based Technologies to Construction Site Safety Management. International Journal of Environmental Research and Public Health, 2022, 19, 868.	2.6	16
7	Causal analysis of accidents on construction sites: A hybrid fuzzy Delphi and DEMATEL approach. Safety Science, 2022, 151, 105730.	4.9	46
8	A Coupled Genetic Programming Monte Carlo Simulationâ€“Based Model for Cost Overrun Prediction of Thermal Power Plant Projects. Journal of Construction Engineering and Management - ASCE, 2022, 148, .	3.8	6
9	Barriers to the practice of sustainable interior architecture and design for interior renovations: A Parsimonious-Cybernetic Fuzzy AHP approach. Journal of Cleaner Production, 2022, 366, 132958.	9.3	11
10	A comprehensive analysis of the causal factors in repair, maintenance, alteration, and addition works: A novel hybrid fuzzy-based approach. Expert Systems With Applications, 2022, 208, 118112.	7.6	11
11	A probabilistic financial feasibility study on green roof installation from the private and social perspectives. Urban Forestry and Urban Greening, 2021, 58, 126893.	5.3	12
12	Sustainable Supplier Selection in Construction Industry through Hybrid Fuzzy-Based Approaches. Sustainability, 2021, 13, 1413.	3.2	37
13	A Comprehensive Review of Deterrents to the Practice of Sustainable Interior Architecture and Design. Sustainability, 2021, 13, 10403.	3.2	5
14	Towards the success of Building Information Modelling implementation: A fuzzy-based MCDM risk assessment tool. Journal of Building Engineering, 2021, 43, 103117.	3.4	18
15	Measurement Quality Appraisal Instrument for Evaluation of Walkability Assessment Tools Based on Walking Needs. Sustainability, 2021, 13, 11342.	3.2	5
16	What Makes People Hide Knowledge? Influence of Passive Leadership and Creative Self-Efficacy. Frontiers in Psychology, 2021, 12, 740880.	2.1	9
17	A Synthesis of Express Analytic Hierarchy Process (EAHP) and Partial Least Squares-Structural Equations Modeling (PLS-SEM) for Sustainable Construction and Demolition Waste Management Assessment: The Case of Malaysia. Recycling, 2021, 6, 73.	5.0	26
18	Developing an Ensemble Predictive Safety Risk Assessment Model: Case of Malaysian Construction Projects. International Journal of Environmental Research and Public Health, 2020, 17, 8395.	2.6	33

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19	The Hindrances to Green Roof Adoption in a Semi-Arid Climate Condition. Sustainability, 2020, 12, 9542.	3.2	7
20	Barriers to green roof installation: An integrated fuzzy-based MCDM approach. Journal of Cleaner Production, 2020, 269, 122365.	9.3	53
21	Practical Risk Assessment of Ground Vibrations Resulting from Blasting, Using Gene Expression Programming and Monte Carlo Simulation Techniques. Applied Sciences (Switzerland), 2020, 10, 472.	2.5	50
22	ASSESSING CONSTRUCTION LABOURSâ€™ SAFETY LEVEL: A FUZZY MCDM APPROACH. Journal of Civil Engineering and Management, 2020, 26, 175-188.	3.5	53
23	Assessment of the building components in the energy efficient design of tropical residential buildings: An application of BIM and statistical Taguchi method. Energy, 2019, 188, 116080.	8.8	32
24	An assessment model of benefits, opportunities, costs, and risks of green roof installation: A multi criteria decision making approach. Journal of Cleaner Production, 2019, 238, 117956.	9.3	57
25	A prototype decision support system for green roof type selection: A cybernetic fuzzy ANP method. Sustainable Cities and Society, 2019, 48, 101532.	10.4	38
26	A comprehensive review on the application of artificial neural networks in building energy analysis. Neurocomputing, 2019, 340, 55-75.	5.9	150
27	Rock tensile strength prediction using empirical and soft computing approaches. Bulletin of Engineering Geology and the Environment, 2019, 78, 4519-4531.	3.5	40
28	Identifying and assessing the critical factors for effective implementation of safety programs in construction projects. Safety Science, 2018, 106, 47-56.	4.9	109
29	Probabilistic air-overpressure simulation resulting from blasting operations. Environmental Earth Sciences, 2018, 77, 1.	2.7	10
30	Identifying and assessing the critical criteria affecting decision-making for green roof type selection. Sustainable Cities and Society, 2018, 39, 772-783.	10.4	63
31	Airblast prediction through a hybrid genetic algorithm-ANN model. Neural Computing and Applications, 2018, 29, 619-629.	5.6	138
32	Evaluating random set technique for reliability analysis of deep urban excavation using Monte Carlo simulation. Computers and Geotechnics, 2018, 100, 203-215.	4.7	23
33	A Monte Carlo technique in safety assessment of slope under seismic condition. Engineering With Computers, 2017, 33, 807-817.	6.1	62
34	Utilizing regression models to find functions for determining ripping production based on laboratory tests. Measurement: Journal of the International Measurement Confederation, 2017, 111, 216-225.	5.0	12
35	An expert system based on hybrid ICA-ANN technique to estimate macerals contents of Indian coals. Environmental Earth Sciences, 2017, 76, 1.	2.7	38
36	Probabilistic private cost-benefit analysis for green roof installation: A Monte Carlo simulation approach. Urban Forestry and Urban Greening, 2016, 20, 317-327.	5.3	51

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37	Risk Assessment and Prediction of Flyrock Distance by Combined Multiple Regression Analysis and Monte Carlo Simulation of Quarry Blasting. Rock Mechanics and Rock Engineering, 2016, 49, 3631-3641.	5.4	75
38	ECONOMIC COMPARISON OF INDUSTRIALIZED BUILDING SYSTEM AND CONVENTIONAL CONSTRUCTION SYSTEM USING BUILDING INFORMATION MODELING. Jurnal Teknologi (Sciences and Engineering), 2015, 78, .	0.4	9
39	INVESTIGATING THE ENVIRONMENTAL IMPACTS OF GREEN ROOF INSTALLATION. Jurnal Teknologi (Sciences) Tj ETQq1 1 0.784314 rgBT	0.4	7
40	COMPARISON OF BUILDING EXISTING PARTITIONS THROUGH BUILDING INFORMATION MODELING (BIM). Jurnal Teknologi (Sciences and Engineering), 2015, 75, .	0.4	6