Saeed Banihashemi

List of Publications by Year
in descending order

41 papers	1,368 citations	430874 18 h-index	361022 35 g-index
42 all docs	42 docs citations	42 times ranked	976 citing authors

#	Article	IF	Citations
1	Building and construction quality: systematic literature review, thematic and gap analysis. International Journal of Building Pathology and Adaptation, 2023, 41, 942-964.	1.3	5
2	Building information modelling (BIM) and the return on investment: a systematic analysis. Construction Innovation, 2023, 23, 129-154.	2.7	14
3	BIM applications in sustainable construction: scientometric and state-of-the-art review. International Journal of Construction Management, 2023, 23, 1969-1981.	3.2	13
4	An integrated model of BIM return on investment for Australian small- and medium-sized enterprises (SMEs). Engineering, Construction and Architectural Management, 2023, 30, 2048-2074.	3.1	7
5	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
6	BIM-integrated TOPSIS-Fuzzy framework to optimize selection of sustainable building components. International Journal of Construction Management, 2022, 22, 1240-1259.	3.2	18
7	A comprehensive evaluation of fracture toughness, fracture energy, flexural strength and microstructure of calcium aluminate cement concrete exposed to high temperatures. Engineering Fracture Mechanics, 2022, 261, 108221.	4.3	24
8	Courtyard design impact on indoor thermal comfort and utility costs for residential households: Comparative analysis and deep-learning predictive model. Frontiers of Architectural Research, 2022, 11, 963-980.	2.8	14
9	Machine learning-integrated 5D BIM informatics: building materials costs data classification and prototype development. Innovative Infrastructure Solutions, 2022, 7, .	2.2	8
10	Augmented reality in design and construction: thematic analysis and conceptual frameworks. Construction Innovation, 2022, 22, 412-443.	2.7	21
11	Thermal comfort analysis of earth-sheltered buildings: The case of meymand village, Iran. Frontiers of Architectural Research, 2022, 11, 1214-1238.	2.8	8
12	Design and mechanism of building responsive skins: State-of-the-art and systematic analysis. Frontiers of Architectural Research, 2022, 11, 1151-1176.	2.8	9
13	Augmented reality in architecture and construction education: state of the field and opportunities. International Journal of Educational Technology in Higher Education, 2022, 19, .	7.6	19
14	Silicate impurities incorporation in calcium aluminate cement concrete: mechanical and microstructural assessment. Advances in Applied Ceramics, 2021, 120, 104-116.	1.1	10
15	An intelligent hybrid classification algorithm integrating fuzzy rule-based extraction and harmony search optimization: Medical diagnosis applications. Knowledge-Based Systems, 2021, 220, 106943.	7.1	37
16	Virtual reality-based digitisation for endangered heritage sites: Theoretical framework and application. Journal of Cultural Heritage, 2021, 49, 140-151.	3.3	30
17	BIM applications toward key performance indicators of construction projects in Iran. International Journal of Construction Management, 2020, 20, 305-320.	3.2	51
18	Distinguishing Characteristics of Corruption Risks in Iranian Construction Projects: A Weighted Correlation Network Analysis. Science and Engineering Ethics, 2020, 26, 205-231.	2.9	50

#	Article	IF	Citations
19	The Unfolding Tragedy of Kandovan: The Loss of the last inhabited cone-shaped settlement in the world. Habitat International, 2020, 102, 102211.	5.8	9
20	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
21	Dynamic sustainable success prediction model for infrastructure projects: a rough set based fuzzy inference system. Construction Innovation, 2020, 20, 545-567.	2.7	11
22	Multi-sided Platforms: A Business Model for BIM Adoption in Built Environment SMEs. Lecture Notes in Computer Science, 2019, , 22-32.	1.3	2
23	Integrated parametric design of adaptive facades for user's visual comfort. Automation in Construction, 2019, 106, 102857.	9.8	98
24	Developing an empirical predictive saved load-rating model for windows by using artificial neural network. International Journal of Green Energy, 2019, 16, 961-970.	3.8	9
25	Daylighting and visual comfort of oriental sun responsive skins: A parametric analysis. Building Simulation, 2018, 11, 663-676.	5.6	63
26	Integration of parametric design into modular coordination: A construction waste reduction workflow. Automation in Construction, 2018, 88, 1-12.	9.8	94
27	Sustainable Delivery of Megaprojects in Iran: Integrated Model of Contextual Factors. Journal of Management in Engineering - ASCE, 2018, 34, .	4.8	48
28	Critical success factors (CSFs) for integration of sustainability into construction project management practices in developing countries. International Journal of Project Management, 2017, 35, 1103-1119.	5.6	273
29	Developing a Hybrid Model of Prediction and Classification Algorithms for Building Energy Consumption. Energy Procedia, 2017, 110, 371-376.	1.8	45
30	Sustainability by Information and Communication Technology: A paradigm shift for construction projects in Iran. Journal of Cleaner Production, 2017, 168, 1-13.	9.3	28
31	Automated estimation of completion time for dam projects. International Journal of Construction Management, 2017, 17, 197-209.	3.2	11
32	Modular Coordination-based Generative Algorithm to Optimize Construction Waste. Procedia Engineering, 2017, 180, 631-639.	1.2	21
33	Where the Gaps Lie: Ten Years of Research into Collaboration on BIM-Enabled Construction Projects. Construction Economics and Building, 2017, 17, 121-139.	0.9	19
34	BIM adoption within Australian Small and Medium-sized Enterprises (SMEs): an innovation diffusion model. Construction Economics and Building, 2016, 16, 71-86.	0.9	140
35	Data in support of energy performance of double-glazed windows. Data in Brief, 2016, 7, 1139-1142.	1.0	1
36	Building Information Modeling (BIM) in Iran: An Exploratory Study. Journal of Engineering, Project, and Production Management, 2016, 6, 78-89.	0.3	17

#	ARTICLE	IF	CITATIONS
37	Climatic, parametric and non-parametric analysis of energy performance of double-glazed windows in different climates. International Journal of Sustainable Built Environment, 2015, 4, 307-322.	3.2	21
38	Managerial sustainability assessment tool for Iran's buildings. Proceedings of the Institution of Civil Engineers: Engineering Sustainability, 2014, 167, 12-23.	0.7	16
39	Analysis of Behavior of Windows in Terms of Saving Energy in Extreme Cold Weather Climes of Iran. International Journal of Engineering and Technology, 2012, 4, 676-679.	0.2	8
40	Analysis and Comparison of Impacts of Design Optimization Approaches with Occupant Behavior on Energy Consumption Reduction in Residential Buildings. International Journal of Engineering and Technology, 2012, 4, 680-683.	0.2	7
41	Assessment of the Variation Impacts of Window on Energy Consumption and Carbon Footprint. Procedia Engineering, 2011, 21, 820-828.	1.2	39