

Esmatullah Noorzai

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

745
citations

516710

16
h-index

580821

25
g-index

39
all docs

39
docs citations

39
times ranked

321
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of the design of the primary school classrooms in terms of energy and daylight performance considering occupants' thermal and visual comfort. <i>Energy Reports</i> , 2020, 6, 1590-1607.	5.1	93
2	Design and optimization of form and facade of an office building using the genetic algorithm. <i>Science and Technology for the Built Environment</i> , 2020, 26, 128-140.	1.7	67
3	The BIM-Based multi-optimization approach in order to determine the trade-off between embodied and operation energy focused on renewable energy use. <i>Journal of Cleaner Production</i> , 2021, 281, 125359.	9.3	59
4	Exploring the Causes of Delays in Construction Industry Using a Cause-and-Effect Diagram: Case Study for Iran. <i>Journal of Architectural Engineering</i> , 2020, 26, .	1.6	45
5	BIM-Based Combination of Takt Time and Discrete Event Simulation for Implementing Just in Time in Construction Scheduling under Constraints. <i>Journal of Construction Engineering and Management - ASCE</i> , 2020, 146, .	3.8	34
6	Performance Analysis of Alternative Contracting Methods for Highway Construction Projects: Case Study for Iran. <i>Journal of Infrastructure Systems</i> , 2020, 26, .	1.8	33
7	A computational approach for achieving optimum daylight inside buildings through automated kinetic shading systems. <i>Frontiers of Architectural Research</i> , 2020, 9, 335-349.	2.8	30
8	Public-Private Partnership Risks in Conflict Zones and Solutions: Case Study for Afghanistan. <i>Journal of Infrastructure Systems</i> , 2021, 27, .	1.8	26
9	Root Cause Analysis of the Most Frequent Claims in the Building Industry through the SCoP 3 E Ishikawa Diagram. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2019, 11, 04519004.	1.4	25
10	Selecting the Most Appropriate Project Manager to Improve the Performance of the Occupational Groups in Road Construction Projects in Warm Regions. <i>Journal of Construction Engineering and Management - ASCE</i> , 2021, 147, .	3.8	23
11	Environmental Impact Profiles for Glazing Systems: Strategies for Early Design Process. <i>Journal of Architectural Engineering</i> , 2019, 25, .	1.6	22
12	A framework to dynamic identification of project risks. <i>Smart and Sustainable Built Environment</i> , 2020, 9, 375-393.	4.0	22
13	Providing a Model to Select an Optimum Multifamily Housing Method in Iran. <i>Journal of Architectural Engineering</i> , 2017, 23, 04016019.	1.6	21
14	Lessons Learned on Selecting the Best Mass Housing Method Based on Performance Evaluation Criteria in Iran. <i>International Journal of Construction Education and Research</i> , 2022, 18, 123-141.	1.6	20
15	A BIM-based construction claim management model for early identification and visualization of claims. <i>Smart and Sustainable Built Environment</i> , 2021, 10, 227-257.	4.0	19
16	BIM-based integrated solution for analysis and management of mismatches during construction. <i>Journal of Engineering, Design and Technology</i> , 2021, 19, 81-102.	1.7	19
17	Selecting a proper construction system in small and medium mass housing projects, considering success criteria and construction volume and height. <i>Journal of Engineering, Design and Technology</i> , 2020, 18, 883-903.	1.7	18
18	Implementing the NSGA-II genetic algorithm to select the optimal repair and maintenance method of jack-up drilling rigs in Iranian shipyards. <i>Ocean Engineering</i> , 2020, 211, 107548.	4.3	16

#	ARTICLE	IF	CITATIONS
19	Provide A Model To Select Proper Delivery System For Railway Projects In Iran. , 2014, , .		15
20	Risk analysis of gas leakage in gas pressure reduction station and its consequences: A case study for Zahedan. Heliyon, 2021, 7, e06911.	3.2	11
21	Modeling the Relationship between Critical BIM Attributes and Environmental Sustainability Criteria Using PLS-SEM Technique. Journal of Architectural Engineering, 2021, 27, .	1.6	11
22	Selecting an Appropriate Finance Method of Public-Private Partnership for Railway Projects in Iran through AHP Method. International Journal of Structural and Civil Engineering Research, 2016, , .	0.1	11
23	Optimizing daylight, energy and occupant comfort performance of classrooms with photovoltaic integrated vertical shading devices. Architectural Engineering and Design Management, 2023, 19, 394-418.	1.7	11
24	Implementing AHP Approach to Select an Appropriate Financing Method for PPP Highway Projects in Iran. International Journal of Structural and Civil Engineering Research, 2016, , .	0.1	10
25	Evaluating lean techniques to improve success factors in the construction phase. Construction Innovation, 2023, 23, 622-639.	2.7	10
26	Recognizing the effective factors in managing fire incidents to reduce the collateral damages and casualties. Facilities, 2021, 39, 805-827.	1.6	9
27	Investigating conflicts of expert contractors using the last planner system in building information modeling process. Journal of Engineering, Design and Technology, 2020, 18, 1381-1402.	1.7	7
28	Offering a preventive solution to defects in commercial building facility system using BIM. Facilities, 2021, 39, 859-887.	1.6	7
29	Identifying the most important publicâ€“private partnership risks in Afghanistanâ€™s infrastructure projects. Journal of Financial Management of Property and Construction, 2019, 24, 309-337.	1.4	6
30	Investigating the optimization potential of daylight, energy and occupant satisfaction performance in classrooms using innovative photovoltaic integrated light shelf systems. Science and Technology for the Built Environment, 0, , 1-16.	1.7	6
31	Improving lighting efficiency in existing art museums: a case study. Facilities, 2020, 39, 366-388.	1.6	5
32	Integration of risk management within the building information modeling (BIM) framework. Engineering, Construction and Architectural Management, 2023, 30, 1951-1977.	3.1	5
33	Identification of effective criteria to improve lighting quality in existing art museums. Journal of Facilities Management, 2020, 18, 131-158.	1.8	4
34	Improving the effectiveness and interaction between building information modeling and life cycle assessment. Architectural Engineering and Design Management, 0, , 1-17.	1.7	4
35	Risk assessment in Iranian oil and gas construction industry: a process approach. International Journal of Quality and Reliability Management, 2023, 40, 124-147.	2.0	4
36	Identifying the required infrastructure to improve the jack-up maintenance process based on effective criteria in the Persian Gulf. Journal of Facilities Management, 2021, 19, 263-283.	1.8	2

#	ARTICLE	IF	CITATIONS
37	Identifying factors affecting waste production throughout the construction project life cycle and proposing BIM-based solutions. TQM Journal, 2022, ahead-of-print, .	3.3	1
38	Identifying the Most Important Rework Factors in Building Projects and Providing a Solution to Reduce Their Effects. Journal of the Institution of Engineers (India): Series A, 0, , 1.	1.2	0