

Mohammad A Hassanain

List of Publications by Year in descending order

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Version: 2024-02-01

108
papers

1,622
citations

393982

19
h-index

395343

33
g-index

108
all docs

108
docs citations

108
times ranked

929
citing authors

#	ARTICLE	IF	CITATIONS
1	On the performance evaluation of sustainable student housing facilities. <i>Journal of Facilities Management</i> , 2008, 6, 212-225.	1.0	112
2	A risk assessment approach for enhancing construction safety performance. <i>Safety Science</i> , 2020, 121, 15-29.	2.6	88
3	Energy and Economic Evaluation of Green Roofs for Residential Buildings in Hot-Humid Climates. <i>Buildings</i> , 2017, 7, 30.	1.4	65
4	Factors affecting outsourcing decisions of maintenance services in Saudi Arabian universities. <i>Property Management</i> , 2011, 29, 195-212.	0.4	57
5	Adoption and implementation of BIM “ case study of a Saudi Arabian AEC firm. <i>International Journal of Managing Projects in Business</i> , 2018, 11, 608-624.	1.3	51
6	Framework model for post-occupancy evaluation of school facilities. <i>Structural Survey</i> , 2015, 33, 322-336.	1.0	50
7	Development of a maintenance management model based on IAI standards. <i>Advanced Engineering Informatics</i> , 2001, 15, 177-193.	0.5	49
8	Framework Model for Asset Maintenance Management. <i>Journal of Performance of Constructed Facilities</i> , 2003, 17, 51-64.	1.0	48
9	Time and Cost Overrun in the Saudi Arabian Oil and Gas Construction Industry. <i>Buildings</i> , 2019, 9, 41.	1.4	45
10	Quality assessment of student housing facilities through post-occupancy evaluation. <i>Architectural Engineering and Design Management</i> , 2016, 12, 367-380.	1.2	44
11	Post-occupancy evaluation of academic and research library facilities. <i>Structural Survey</i> , 2006, 24, 230-239.	1.0	40
12	Techno-economic assessment of application of solar PV in building sector. <i>Smart and Sustainable Built Environment</i> , 2019, 8, 34-52.	2.2	40
13	Post-Occupancy Indoor Environmental Quality Evaluation of Student Housing Facilities. <i>Architectural Engineering and Design Management</i> , 2007, 3, 249-256.	1.2	37
14	Post-Occupancy Evaluation of Housing Facilities: Overview and Summary of Methods. <i>Journal of Performance of Constructed Facilities</i> , 2016, 30, .	1.0	37
15	Significant causes of claims and disputes in construction projects in Saudi Arabia. <i>Built Environment Project and Asset Management</i> , 2019, 9, 597-615.	0.9	34
16	Factors affecting the development of flexible workplace facilities. <i>Journal of Corporate Real Estate</i> , 2006, 8, 213-220.	1.2	30
17	Factors affecting maintenance cost of hospital facilities in Saudi Arabia. <i>Property Management</i> , 2013, 31, 297-310.	0.4	29
18	Post-occupancy evaluation of a university student cafeteria. <i>Architectural Engineering and Design Management</i> , 2016, 12, 67-77.	1.2	28

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19	Critical success factors for large building construction projects. Built Environment Project and Asset Management, 2020, 10, 349-367.	0.9	28
20	A framework for quality evaluation of university housing facilities. Journal of Building Appraisal, 2010, 5, 213-221.	0.4	26
21	Analysis of factors influencing office workplace planning and design in corporate facilities. Journal of Building Appraisal, 2010, 6, 183-197.	0.4	23
22	Holistic Postoccupancy Evaluation Framework for Campus Residential Housing Facilities. Journal of Performance of Constructed Facilities, 2016, 30, 04016026.	1.0	21
23	On the challenges of evacuation and rescue operations in high-rise buildings. Structural Survey, 2009, 27, 109-118.	1.0	19
24	Assessment of architectural defects attributed to lack of maintenance feedback to the design team. Architectural Science Review, 2014, 57, 132-138.	1.1	18
25	Performance evaluation and benchmarking for maintenance decision making units at petrochemical corporation using a DEA model. International Journal of Advanced Manufacturing Technology, 2015, 76, 1957-1967.	1.5	18
26	A ranking system for fire safety performance of student housing facilities. Safety Science, 2017, 92, 116-127.	2.6	18
27	Fire safety in the design and operation of student housing facilities. Structural Survey, 2008, 26, 55-62.	1.0	17
28	Assessment of defects in HVAC systems caused by lack of maintenance feedback to the design team. Architectural Science Review, 2014, 57, 188-195.	1.1	17
29	An integrated fire safety assessment of a student housing facility. Structural Survey, 2015, 33, 354-371.	1.0	17
30	Design-Phase Maintenance Checklist for Electrical Systems. Journal of Performance of Constructed Facilities, 2016, 30, .	1.0	17
31	Review and assessment of the causes of deficiencies in design documents for large construction projects. International Journal of Building Pathology and Adaptation, 2018, 36, 300-317.	0.7	17
32	A regression-based model for estimating the energy consumption of school facilities in Saudi Arabia. Energy and Buildings, 2021, 237, 110809.	3.1	17
33	A multi-criteria decision making model for outsourcing maintenance services. Facilities, 2015, 33, 229-244.	0.8	16
34	Design Phase Maintenance Checklist for Water Supply and Drainage Systems. Journal of Performance of Constructed Facilities, 2015, 29, .	1.0	16
35	Factors Affecting Contractors'™ Bidding Decisions for Construction Projects in Saudi Arabia. Buildings, 2019, 9, 33.	1.4	16
36	A framework model for outsourcing asset management services. Facilities, 2005, 23, 73-81.	0.8	15

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37	Approaches to qualitative fire safety risk assessment in hotel facilities. <i>Structural Survey</i> , 2009, 27, 287-300.	1.0	15
38	Causes of Failure of Small Contractors in Saudi Arabia. <i>International Journal of Construction Management</i> , 2013, 13, 1-10.	2.2	15
39	Investigation of facilities management practices for providing feedback during the design development and review stages. <i>International Journal of Building Pathology and Adaptation</i> , 2019, 37, 597-614.	0.7	15
40	Value Engineering in the Assessment of Exterior Building Wall Systems. <i>Journal of Architectural Engineering</i> , 1996, 2, 115-119.	0.8	14
41	A simulation model for emergency evacuation time of a library facility using EVACNET4. <i>Structural Survey</i> , 2013, 31, 75-92.	1.0	13
42	Causes of Contractors' Failure in Industrial Projects in Saudi Arabia. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2015, 9, 158-164.	0.1	13
43	Towards the design and operation of fire safe school facilities. <i>Disaster Prevention and Management</i> , 2006, 15, 838-846.	0.6	12
44	Assessment of factors influencing the development and implementation of the architectural program. <i>Structural Survey</i> , 2011, 29, 320-336.	1.0	12
45	Modeling Knowledge for Architectural Programming. <i>Journal of Architectural Engineering</i> , 2013, 19, 101-111.	0.8	12
46	Post occupancy evaluation of a flexible workplace facility in Saudi Arabia. <i>Journal of Facilities Management</i> , 2018, 16, 102-118.	1.0	12
47	Fire safety evaluation of restaurant facilities. <i>Structural Survey</i> , 2005, 23, 298-309.	1.0	11
48	A multi-phase systematic framework for performance appraisal of architectural design studio facilities. <i>Facilities</i> , 2012, 30, 324-342.	0.8	11
49	Evaluation and selection of curtain wall systems for medium-high rise building construction. <i>Structural Survey</i> , 2014, 32, 299-314.	1.0	11
50	Assessment of Deficiencies in Design Documents for Large Construction Projects. <i>Journal of Performance of Constructed Facilities</i> , 2017, 31, .	1.0	11
51	Post-occupancy evaluation of research and academic laboratory facilities. <i>International Journal of Building Pathology and Adaptation</i> , 2019, 38, 797-810.	0.7	11
52	Priorities in Building Envelope Design. <i>Journal of Architectural Engineering</i> , 1998, 4, 47-51.	0.8	10
53	Assessment of the consequences of deficiencies in design documents in Saudi Arabia. <i>Architectural Engineering and Design Management</i> , 2019, 15, 282-296.	1.2	10
54	Key performance indicators for the evaluation of academic and research laboratory facilities. <i>International Journal of Building Pathology and Adaptation</i> , 2019, 37, 208-230.	0.7	9

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55	A systematic conduct of POE for polyclinic facilities in Saudi Arabia. Archnet-IJAR, 2021, 15, 344-363.	0.8	9
56	Effectiveness of Project Teams and their Impact on the Performance of Saudi Construction Projects. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 5148-5156.	0.1	8
57	Assessment of factors affecting maintenance cost of public school facilities. International Journal of Building Pathology and Adaptation, 2019, 37, 528-546.	0.7	8
58	Estimating facilities maintenance cost using post-occupancy evaluation and fuzzy set theory. Journal of Quality in Maintenance Engineering, 2018, 24, 449-467.	1.0	7
59	Quality assessment of a campus medical facility: a users' perspective approach. International Journal of Workplace Health Management, 2020, 13, 585-599.	0.8	7
60	Post Occupancy Evaluation of Adaptively Reused Buildings: Case Study of an Office Building in Saudi Arabia. Architecture Civil Engineering Environment, 2020, 13, 29-40.	0.6	7
61	A code-compliance framework for fire safety in student housing facilities. Facilities, 2018, 36, 423-436.	0.8	6
62	Modeling Knowledge for MEP Coordination in Building Projects in Saudi Arabia. Journal of Architectural Engineering, 2019, 25, .	0.8	6
63	An approach to assess fire safety requirements in library facilities. Facilities, 2005, 23, 239-252.	0.8	5
64	Guidelines for the Design of Water and Sewage Systems in Buildings. Journal of Architectural Engineering, 2005, 11, 117-121.	0.8	5
65	Review and assessment of factors affecting the workplace relocation process. Property Management, 2020, 38, 725-747.	0.4	5
66	POE of public higher education facilities in Saudi Arabia: lessons learned from three case studies. Property Management, 2021, 39, 250-276.	0.4	5
67	A SYSTEMATIC APPROACH FOR THE SELECTION OF THE ARCHITECT/ENGINEER PROFESSIONAL IN CONSTRUCTION PROJECTS. Architecture Civil Engineering Environment, 2017, 10, 5-14.	0.6	5
68	Health and Safety Perception of Construction Workers in Saudi Arabia. Architecture Civil Engineering Environment, 2018, 11, 107-118.	0.6	5
69	Fire Safety Risk Assessment of Workplace Facilities: A Case Study. Frontiers in Built Environment, 2022, 8, .	1.2	5
70	IFC-Based Data Model for Integrated Maintenance Management. , 2000, , 796.		4
71	Seismic Damage in NSW, Australia: Construction Insurance, Social, and Economic Consequences. Journal of Performance of Constructed Facilities, 2002, 16, 75-84.	1.0	4
72	Fire safety evaluation of motor fuel dispensing facilities. Structural Survey, 2006, 24, 65-76.	1.0	4

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73	Performance-based fire safety evacuation of an auditorium facility using a theoretical calculation method. <i>International Journal of Building Pathology and Adaptation</i> , 2017, 35, 124-138.	0.7	4
74	Factors affecting building servicesâ€™ coordination during the design development and review stages. <i>Built Environment Project and Asset Management</i> , 2018, 8, 64-77.	0.9	4
75	An evaluation of the functional performance of research and academic laboratories using the space syntax approach. <i>International Journal of Building Pathology and Adaptation</i> , 2018, 36, 516-528.	0.7	4
76	Review and assessment of factors affecting adaptive reuse of commercial projects in Saudi Arabia. <i>International Journal of Building Pathology and Adaptation</i> , 2022, 40, 1-19.	0.7	4
77	Adopting off-site construction into the Saudi Arabian construction industry. <i>Proceedings of the Institution of Civil Engineers - Smart Infrastructure and Construction</i> , 2020, 173, 55-62.	1.1	4
78	Post-Occupancy Evaluation of a University Shopping Mall Facility. <i>Architecture Civil Engineering Environment</i> , 2020, 13, 5-15.	0.6	4
79	Development of a Design Quality Indicators Toolkit for Campus Facilities Using the Delphi Approach. <i>Journal of Architectural Engineering</i> , 2022, 28, .	0.8	4
80	Design Guidelines for Replacement of Air-Conditioning Systems. <i>Journal of Performance of Constructed Facilities</i> , 2000, 14, 112-117.	1.0	3
81	Hailstorm & Heat Stress Damage of Membrane Roofing in Saudi Arabia, North America & Australia: Guidelines for Service life. <i>Architectural Science Review</i> , 2001, 44, 211-220.	1.1	3
82	Business continuity during facility renovations. <i>Journal of Corporate Real Estate</i> , 2006, 8, 62-72.	1.2	3
83	A Systematic Approach for Fire Safety Audits in Health-Care Facilities. <i>Architectural Science Review</i> , 2006, 49, 109-115.	1.1	3
84	Adopting the industrialised building system in Saudi Arabia: barriers and enablers. <i>Infrastructure Asset Management</i> , 2019, 6, 185-194.	1.2	3
85	Drivers of e-bidding implementation in the Saudi Arabian construction industry. <i>Built Environment Project and Asset Management</i> , 2019, 10, 16-27.	0.9	3
86	Interdisciplinary design checklists for mechanical, electrical and plumbing coordination in building projects. <i>Built Environment Project and Asset Management</i> , 2019, 9, 29-43.	0.9	3
87	A framework model for AEC/FM knowledge in adaptive reuse projects. <i>Journal of Engineering, Design and Technology</i> , 2022, 20, 624-648.	1.1	3
88	Design quality assessment of campus facilities through post occupancy evaluation. <i>International Journal of Building Pathology and Adaptation</i> , 2023, 41, 693-712.	0.7	3
89	FIRE SAFETY IN THE BUILT-ENVIRONMENT: A CASE STUDY IN A RESIDENTIAL FACILITY. <i>Architecture Civil Engineering Environment</i> , 2019, 12, 27-34.	0.6	3
90	Noise Control and Speech Privacy Guidelines for Office Building Design. <i>Journal of Architectural Engineering</i> , 2000, 6, 52-57.	0.8	2

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91	On the safe evacuation of occupants in multiplex facilities. <i>Structural Survey</i> , 2008, 26, 336-342.	1.0	2
92	Challenges to the implementation of building management systems in Saudi Arabia. <i>Built Environment Project and Asset Management</i> , 2017, 7, 130-142.	0.9	2
93	Barriers to the implementation of POE practices in the Saudi Arabian building industry. <i>Architectural Engineering and Design Management</i> , 2020, 16, 150-165.	1.2	2
94	A code-compliance assessment tool for fire prevention measures in educational facilities. <i>International Journal of Emergency Services</i> , 2021, ahead-of-print, .	0.7	2
95	Post Occupancy Evaluation of the Built Environment: A Case Study of Mosque Facilities. <i>Jurnal Alam Bina</i> , 2021, 8, 107-119.	0.2	2
96	Organizational workplace relocation: assessment of facilities and real estate managers' practices. <i>Property Management</i> , 2022, 40, 321-342.	0.4	2
97	Development of design quality indicators for public school facilities. <i>Facilities</i> , 2022, ahead-of-print, .	0.8	2
98	An assessment of users' satisfaction with a smart building on university campus through post-occupancy evaluation. <i>Journal of Engineering, Design and Technology</i> , 2022, ahead-of-print, .	1.1	2
99	Weighted Evaluation Method for Corporate Real Estate Site Selection in Saudi Arabia. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2018, 144, .	0.8	1
100	A framework for modeling the knowledge of workplace relocation. <i>Journal of Corporate Real Estate</i> , 2021, 23, 20-39.	1.2	1
101	Investigation of AEC/FM practices in adaptive reuse projects. <i>International Journal of Building Pathology and Adaptation</i> , 2022, 40, 636-660.	0.7	1
102	Performance assessment of the built environment in healthcare facilities. <i>Journal of Facilities Management</i> , 2021, 19, 569-586.	1.0	1
103	Systems Replaceability Ensures Sustainability. <i>Architectural Science Review</i> , 1997, 40, 139-146.	1.1	0
104	Design Guidelines to Accommodate Potential Upgrading of Elevator Systems. <i>Journal of Performance of Constructed Facilities</i> , 2000, 14, 22-26.	1.0	0
105	Preventive measures for mitigating fire risks in big box retail facilities. <i>Structural Survey</i> , 2010, 28, 189-196.	1.0	0
106	Establishment of an Associate Degree in Safety Technology. <i>International Journal of Occupational Safety and Ergonomics</i> , 2015, 21, 336-343.	1.1	0
107	Design guidelines for the functional efficiency of laboratory facilities. <i>Architectural Engineering and Design Management</i> , 2020, 16, 115-130.	1.2	0
108	Maturity of workplace relocation: a systematic literature review from 1990 to 2020. <i>Facilities</i> , 2021, 39, 759-777.	0.8	0