

Islam H El-Adaway

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5892279/islam-h-el-adaway-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

105
papers

1,118
citations

19
h-index

25
g-index

138
ext. papers

1,526
ext. citations

3.3
avg, IF

5.74
L-index

#	Paper	IF	Citations
105	Capturing the Impact of COVID-19 on Construction Projects in Developing Countries: A Case Study of Iraq. <i>Journal of Management in Engineering - ASCE</i> , 2022 , 38,	5.3	8
104	Understanding Disputes in Modular Construction Projects: Key Common Causes and Their Associations. <i>Journal of Construction Engineering and Management - ASCE</i> , 2022 , 148,	4.2	2
103	Blockchain technology in the construction industry: mapping current research trends using social network analysis and clustering. <i>Construction Management and Economics</i> , 2022 , 40, 406-427	3	1
102	Holistic Study and Analysis of Factors Affecting Collaborative Planning in Construction. <i>Journal of Construction Engineering and Management - ASCE</i> , 2021 , 147, 04021023	4.2	9
101	Guidelines for Responding to COVID-19 Pandemic: Best Practices, Impacts, and Future Research Directions. <i>Journal of Management in Engineering - ASCE</i> , 2021 , 37, 06021001	5.3	29
100	Determining Critical Combinations of Safety Fatality Causes Using Spectral Clustering and Computational Data Mining Algorithms. <i>Journal of Construction Engineering and Management - ASCE</i> , 2021 , 147, 04021035	4.2	4
99	Discussion of Multiobjective Optimization of Postdisaster Reconstruction Processes for Ensuring Long-Term Socioeconomic Benefits by Pedram Ghannad, Yong-Cheol Lee, Carol J. Friedland, Jin Ouk Choi, and Eunhwa Yang. <i>Journal of Management in Engineering - ASCE</i> , 2021 , 37, 07021001	5.3	1
98	Allocation of Risks and Responsibilities in Green and Sustainable Buildings. <i>Journal of Architectural Engineering</i> , 2021 , 27, 04021002	1.5	0
97	Joint Venture Agreements for Construction and Professional Services: Comparative Contractual Analysis and Guidelines. <i>Journal of Management in Engineering - ASCE</i> , 2021 , 37,	5.3	3
96	Simultaneous multi-criteria optimization for scheduling linear infrastructure projects. <i>International Journal of Construction Management</i> , 2021 , 21, 41-55	1.9	13
95	Impact of Dynamic Workforce and Workplace Variables on the Productivity of the Construction Industry: New Gross Construction Productivity Indicator. <i>Journal of Management in Engineering - ASCE</i> , 2021 , 37, 04020092	5.3	10
94	Comparing the Impact of Learning in Bidding Decision-Making Processes Using Algorithmic Game Theory. <i>Journal of Management in Engineering - ASCE</i> , 2021 , 37, 04020099	5.3	8
93	Contractual Guidelines for Substantial Completion under National Design-Build Standard Forms of Contract. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2021 , 13, 04520043	1.7	1
92	Contract Risk Management: A Comparative Study of Risk Allocation in Exculpatory Clauses and Their Legal Treatment. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2021 , 13, 04520036	1.7	8
91	Understanding the Key Risks Affecting Cost and Schedule Performance of Modular Construction Projects. <i>Journal of Management in Engineering - ASCE</i> , 2021 , 37, 04021023	5.3	13
90	Collaborative Planning Index: A Novel Comprehensive Benchmark for Collaboration in Construction Projects. <i>Journal of Management in Engineering - ASCE</i> , 2021 , 37, 04021057	5.3	2
89	Risk-Based Approach to Predict the Cost Performance of Modularization in Construction Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , 2021 , 147, 04021133	4.2	2

88	Evaluating Deterioration of Tunnels Using Computational Machine Learning Algorithms. <i>Journal of Construction Engineering and Management - ASCE</i> , 2021 , 147, 04021125	4.2	5
87	Automated Identification of Substantial Changes in Construction Projects of Airport Improvement Program: Machine Learning and Natural Language Processing Comparative Analysis. <i>Journal of Management in Engineering - ASCE</i> , 2021 , 37, 04021062	5.3	6
86	Contractual Guidelines for Promoting Integrated Project Delivery. <i>Journal of Construction Engineering and Management - ASCE</i> , 2021 , 147, 05021008	4.2	3
85	Using the Simplified Acquisition of Base Engineer Requirements in Construction Projects: Contract Administration Guidelines. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2020 , 12, 04520018	1.7	5
84	Contractual Guidelines for Management of Infrastructure Transportation Projects. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2020 , 12, 04520023	1.7	5
83	Contractual Guidelines for Construction Safety-Related Issues under Design-Build Standard Forms of Contract. <i>Journal of Construction Engineering and Management - ASCE</i> , 2020 , 146, 04020074	4.2	12
82	A System Dynamics Model for Construction Safety Behavior. <i>Procedia Computer Science</i> , 2020 , 168, 249-256	2.5	8
81	An Agent-based Model to Study Competitive Construction Bidding and the Winner's Curse. <i>Procedia Computer Science</i> , 2020 , 168, 147-153	1.6	4
80	Comprehensive Analysis of Factors Associated with Out-of-Sequence Construction. <i>Journal of Management in Engineering - ASCE</i> , 2020 , 36, 04020031	5.3	5
79	Quantitative Analysis of the Impacts of Out-of-Sequence Work on Project Performance. <i>Journal of Construction Engineering and Management - ASCE</i> , 2020 , 146, 04020090	4.2	2
78	Evaluation and Prediction of the Hazard Potential Level of Dam Infrastructures Using Computational Artificial Intelligence Algorithms. <i>Journal of Management in Engineering - ASCE</i> , 2020 , 36, 04020051	5.3	9
77	A System-of-Systems Model to Simulate the Complex Emergent Behavior of Vehicle Traffic on an Urban Transportation Infrastructure Network. <i>Procedia Computer Science</i> , 2020 , 168, 139-146	1.6	5
76	Enhancing the Knowledge of Construction Business Failure: A Social Network Analysis Approach. <i>Journal of Construction Engineering and Management - ASCE</i> , 2020 , 146, 04020052	4.2	32
75	Developing a Rating Score for Out-of-Sequence Construction. <i>Journal of Management in Engineering - ASCE</i> , 2020 , 36, 04020013	5.3	7
74	Bridge Infrastructure Asset Management System: Comparative Computational Machine Learning Approach for Evaluating and Predicting Deck Deterioration Conditions. <i>Journal of Infrastructure Systems</i> , 2020 , 26, 04020032	2.9	21
73	Predicting Project Performance in the Construction Industry. <i>Journal of Construction Engineering and Management - ASCE</i> , 2020 , 146, 04020030	4.2	32
72	Preliminary Attempt toward Better Understanding the Impact of Distributed Energy Generation: An Agent-Based Computational Economics Approach. <i>Journal of Infrastructure Systems</i> , 2020 , 26, 04020002	2.9	5
71	Studying the Relationship between Stock Prices of Publicly Traded US Construction Companies and Gross Domestic Product: Preliminary Step toward Construction-Economy Nexus. <i>Journal of Construction Engineering and Management - ASCE</i> , 2020 , 146, 04019087	4.2	4

70	Commercial and Legal Considerations of Offsite Construction Projects and their Hybrid Transactions. <i>Journal of Construction Engineering and Management - ASCE</i> , 2020 , 146, 05020019	4.2	9
69	Forecasting and Modeling Bridge Deterioration Using Data Mining Analytics 2020 ,		2
68	Relationship between Electric-Power Sector Development and Socioeconomic Parameters: Statistical Analysis Approach. <i>Journal of Energy Engineering - ASCE</i> , 2020 , 146, 04020045	1.7	3
67	Contractual Perspective for BIM Utilization in US Construction Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , 2020 , 146, 04020128	4.2	20
66	Modular Construction: Determining Decision-Making Factors and Future Research Needs. <i>Journal of Management in Engineering - ASCE</i> , 2020 , 36, 04020085	5.3	19
65	Understanding Extension of Time under Different Standard Design-Build Forms of Contract. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2020 , 12, 04519031	1.7	9
64	Back-to-Back Relationship under Standard Subcontract Agreements: Comparative Study. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2020 , 12, 04520020	1.7	14
63	Causes, Early Warning Signs, and Impacts of Out-of-Sequence Construction: Expert-Based Survey Analysis. <i>Journal of Management in Engineering - ASCE</i> , 2019 , 35, 04019030	5.3	11
62	Guidelines for Administrating and Drafting Nonpayment Owners' Obligation Provisions under Design-Build Contracts. <i>Journal of Management in Engineering - ASCE</i> , 2019 , 35, 04019010	5.3	11
61	Analytic Overview of Citation Metrics in the Civil Engineering Domain with Focus on Construction Engineering and Management Specialty Area and Its Subdisciplines. <i>Journal of Construction Engineering and Management - ASCE</i> , 2019 , 145, 04019060	4.2	18
60	Contractual Implications of Environmental Compliance Requirements in Construction Projects. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2019 , 11, 05019002	1.7	1
59	Multi-Objective Simultaneous Optimization for Linear Projects Scheduling 2019 ,		1
58	A Network-Based Methodology for Quantitative Knowledge Gap Identification in Construction Simulation and Modeling Research 2019 ,		3
57	Civil Law Context for Understanding Employer's Payment Obligations under Common Law FIDIC. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2019 , 11, 06518006	1.7	6
56	Contract Administration Guidelines for Public Infrastructure Projects in the United States and Saudi Arabia: Comparative Analysis Approach. <i>Journal of Construction Engineering and Management - ASCE</i> , 2018 , 144, 04018031	4.2	21
55	Identifying the most critical transportation intersections using social network analysis. <i>Transportation Planning and Technology</i> , 2018 , 41, 353-374	1.6	5
54	Using Social Network Analysis to Model the Interaction between Root Causes of Fatalities in the Construction Industry. <i>Journal of Management in Engineering - ASCE</i> , 2018 , 34, 04017045	5.3	41
53	Analyzing Termination for Convenience Provisions under Common Law FIDIC Using a Civil Law Perspective. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2018 , 10, 06518003	1.7	3

52	Managing Construction Projects through Dynamic Modeling: Reviewing the Existing Body of Knowledge and Deriving Future Research Directions. <i>Journal of Management in Engineering - ASCE</i> , 2018 , 34, 04018033	5.3	27
51	Decision-Making Framework for Holistic Sustainable Disaster Recovery: Agent-Based Approach for Decreasing Vulnerabilities of the Associated Communities. <i>Journal of Infrastructure Systems</i> , 2018 , 24, 04018009	2.9	21
50	Contractual Considerations for Complying with Environmental Requirements: Lessons Learned Using a Case Study Approach 2018 ,		1
49	A Relational Contractual Framework for Promoting Collaborative Project Environments 2018 ,		3
48	First Attempt Toward a Holistic Understanding of the Interdependent Rippled Impacts Associated with Out-of-Sequence Work in Construction Projects: System Dynamics Modeling Approach. <i>Journal of Construction Engineering and Management - ASCE</i> , 2018 , 144, 04018084	4.2	10
47	Administering Employers' Payment Obligations under National and International Design-Build Standard Forms of Contract. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2017 , 9, 04517003	1.7	19
46	Framework for Multiparty Relational Contracting. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2017 , 9, 04517018	1.7	19
45	Utilizing Construction Leading Safety Indicators: Case Study of Tennessee. <i>Journal of Management in Engineering - ASCE</i> , 2017 , 33, 06017002	5.3	13
44	Integrating the Social Vulnerability of Host Communities and the Objective Functions of Associated Stakeholders during Disaster Recovery Processes Using Agent-Based Modeling. <i>Journal of Computing in Civil Engineering</i> , 2017 , 31, 04017030	5	25
43	Social Network Analysis Approach for Improved Transportation Planning. <i>Journal of Infrastructure Systems</i> , 2017 , 23, 05016004	2.9	19
42	Sustainable Disaster Recovery Decision-Making Support Tool: Integrating Economic Vulnerability into the Objective Functions of the Associated Stakeholders. <i>Journal of Management in Engineering - ASCE</i> , 2017 , 33, 04016041	5.3	33
41	Studying Payment Provisions under National and International Standard Forms of Contracts. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2017 , 9, 04516011	1.7	16
40	Sustainable Disaster Recovery: Multiagent-Based Model for Integrating Environmental Vulnerability into Decision-Making Processes of the Associated Stakeholders. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2017 , 143, 04016022	2.2	19
39	Construction Bidding Markup Estimation Using a Multistage Decision Theory Approach. <i>Journal of Construction Engineering and Management - ASCE</i> , 2017 , 143, 04016079	4.2	14
38	Change Order Provisions under National and International Standard Forms of Contract. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2016 , 8, 03716001	1.7	19
37	Administering Extension of Time under National and International Standard Forms of Contracts: A Contractor's Perspective. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2016 , 8, 04516001	1.7	18
36	Construction Bidding and the Winner's Curse: Game Theory Approach. <i>Journal of Construction Engineering and Management - ASCE</i> , 2016 , 142, 04015076	4.2	37
35	Understanding the Construction Winner's Curse Using Game Theory 2016 ,		1

34	Economic Performance Assessment for the Construction Industry in the Southeastern United States. <i>Journal of Management in Engineering - ASCE</i> , 2015 , 31, 05014014	5.3	7
33	Evolutionary Stable Strategy for Postdisaster Insurance: Game Theory Approach. <i>Journal of Management in Engineering - ASCE</i> , 2015 , 31, 04015005	5.3	23
32	Sustainable Construction Education Using Problem-Based Learning and Service Learning Pedagogies. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2015 , 141, 05014002	0.7	19
31	Creating a Holistic Systems Framework for Sustainability Assessment of Civil Infrastructure Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , 2015 , 141, 04014067	4.2	15
30	Contracting in a Global World: Application of the Time at Large Principle. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2015 , 7, 04515001	1.7	4
29	A Systems Approach for Sustainability Assessment of Civil Infrastructure Projects 2014 ,		4
28	Biddability, Constructability, Operability, and Environmental Checklist: Potential Role in Reducing Conflicts, Claims, and Disputes. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2014 , 6, 05013001	1.7	2
27	Managing Sustainability Assessment of Civil Infrastructure Projects Using Work, Nature, and Flow. <i>Journal of Management in Engineering - ASCE</i> , 2014 , 30, 04014019	5.3	11
26	Project Benchmarking: Tool for Mitigating Conflicts, Claims, and Disputes through Improved Performance. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2014 , 6, 04513003	1.7	12
25	Managing the LEED Analysis for the New Civil and Environmental Engineering Complex at Mississippi State University. <i>Journal of Management in Engineering - ASCE</i> , 2014 , 30, 05014002	5.3	2
24	U.S Economic Indicators and Stock Prices of Construction Equipment Manufacturers: A Statistical Relationship Analysis 2014 ,		1
23	Contract Administration Guidelines for Contractors Working under AIA A201-2007 Contract for Construction. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2014 , 6, 03013002	1.7	9
22	Time At Large within the Common Law Legal System: Application to Standard Forms of Contract. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2014 , 6, 04513002	1.7	9
21	Application of the Time "At Large" Principle to Standard Forms of Contract 2014 ,		1
20	Fatalities among Civil Infrastructure Workers: Variable Annuity with Guaranteed Minimum Death Benefits Approach. <i>Journal of Management in Engineering - ASCE</i> , 2013 , 29, 35-41	5.3	
19	Promoting the Sustainability of Relational Contracting through Addressing Third Party Insurance Obstacles. <i>Journal of Management in Engineering - ASCE</i> , 2013 , 29, 216-223	5.3	12
18	Contract Administration Guidelines for Effectively and Efficiently Applying Different Delay Analysis Techniques under World Bank Funded Projects. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2013 , 5, 35-44	1.7	6
17	Insurance Pricing for Windstorm-Susceptible Developments: Bootstrapping Approach. <i>Journal of Management in Engineering - ASCE</i> , 2012 , 28, 96-103	5.3	5

16	Toward a More Sustainable Rating for the Built Environment: A Comprehensive Construction Assessment Framework 2012 ,		2
15	Contract Administration Guidelines for U.S. Contractors Working under World Bank Funded Projects. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2012 , 4, 40-50	1.7	11
14	Ethical Issues in Multiple-Authored and Mentor-Supervised Publications. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2012 , 138, 37-47	0.7	8
13	Can an Integrated Problem-Based Learning Framework Improve Natural Hazard Management?. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2012 , 138, 10-13	0.7	4
12	Contract Administration Guidelines for Managing Conflicts, Claims, and Disputes under World Bank Funded Projects. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2012 , 4, 101-110	1.7	12
11	Brick Masonry and Sustainable Construction 2012 ,		2
10	Applying Delay Analysis Techniques to the World Bank Funded Projects 2012 ,		2
9	Construction Risks: Single versus Portfolio Insurance. <i>Journal of Management in Engineering - ASCE</i> , 2010 , 26, 2-8	5.3	20
8	Multiagent System for Construction Dispute Resolution (MAS-COR). <i>Journal of Construction Engineering and Management - ASCE</i> , 2010 , 136, 303-315	4.2	42
7	Guidelines for a Standard Project Partnering Contract 2010 ,		2
6	Integrated Project Delivery Case Study: Guidelines for Drafting Partnering Contract. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2010 , 2, 248-254	1.7	20
5	Contractors' Claims Insurance: A Risk Retention Approach. <i>Journal of Construction Engineering and Management - ASCE</i> , 2009 , 135, 819-825	4.2	18
4	Arbitral Tribunal Proceedings Case Study: Egyptian Large-Scale Construction Project. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2009 , 1, 147-153	1.7	11
3	Financial Model for Insuring against Catastrophic Storm Risks 2009 ,		2
2	Dispute Review Boards: Expected Application on Egyptian Large-Scale Construction Projects. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2007 , 133, 365-372	0.7	13
1	Managing construction projects impacted by the COVID-19 pandemic: a contractual perspective. <i>Construction Management and Economics</i> , 1-18	3	1