

Fahim Ullah

List of Publications by Year in Descending Order

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

54
papers

764
citations

17
h-index

25
g-index

58
ext. papers

1,151
ext. citations

3.6
avg, IF

5.63
L-index

#	Paper	IF	Citations
54	Civil Infrastructure Damage and Corrosion Detection: An Application of Machine Learning. <i>Buildings</i> , 2022 , 12, 156	3.2	4
53	Big Data in Construction: Current Applications and Future Opportunities. <i>Big Data and Cognitive Computing</i> , 2022 , 6, 18	3.5	6
52	Systematic Literature Review to Identify the Critical Success Factors of the Build-to-Rent Housing Model. <i>Buildings</i> , 2022 , 12, 171	3.2	2
51	Inspecting Buildings Using Drones and Computer Vision: A Machine Learning Approach to Detect Cracks and Damages. <i>Drones</i> , 2022 , 6, 5	5.4	7
50	Diverse Impact of Sensitive Sub-Categories of Demographic Variables on Safety Climate of High-Rise Building Projects. <i>Architecture</i> , 2022 , 2, 175-195		1
49	Big Data Management in Drug-Drug Interaction: A Modern Deep Learning Approach for Smart Healthcare. <i>Big Data and Cognitive Computing</i> , 2022 , 6, 30	3.5	3
48	Identifying and Ranking Landfill Sites for Municipal Solid Waste Management: An Integrated Remote Sensing and GIS Approach. <i>Buildings</i> , 2022 , 12, 605	3.2	3
47	Modeling Profitability-Influencing Risk Factors for Construction Projects: A System Dynamics Approach. <i>Buildings</i> , 2022 , 12, 701	3.2	3
46	Key Adoption Factors for Collaborative Technologies and Barriers to Information Management in Construction Supply Chains: A System Dynamics Approach. <i>Buildings</i> , 2022 , 12, 766	3.2	1
45	Impact of Political, Social Safety, and Legal Risks and Host Country Attitude towards Foreigners on Project Performance of China Pakistan Economic Corridor (CPEC). <i>Buildings</i> , 2022 , 12, 760	3.2	0
44	Adoption of Sustainable Supply Chain Management for Performance Improvement in the Construction Industry: A System Dynamics Approach. <i>Architecture</i> , 2021 , 1, 161-182		3
43	Assessing Rainwater Harvesting Potential in Urban Areas: A Building Information Modelling (BIM) Approach. <i>Sustainability</i> , 2021 , 13, 12583	3.6	1
42	Effects of COVID-19 on the Australian Economy: Insights into the Mobility and Unemployment Rates in Education and Tourism Sectors. <i>Sustainability</i> , 2021 , 13, 11300	3.6	7
41	Assessing Nitrate Contamination Risks in Groundwater: A Machine Learning Approach. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 10034	2.6	3
40	Advertising through UAVs: Optimized path system for delivering smart real-estate advertisement materials. <i>International Journal of Intelligent Systems</i> , 2021 , 36, 3429-3463	8.4	13
39	Barriers to the digitalisation and innovation of Australian Smart Real Estate: A managerial perspective on the technology non-adoption. <i>Environmental Technology and Innovation</i> , 2021 , 22, 101527	7	24
38	Investigating the flood damages in Lower Indus Basin since 2000: Spatiotemporal analyses of the major flood events. <i>Natural Hazards</i> , 2021 , 108, 2357-2383	3	12

37	It's all about perceptions: A DEMATEL approach to exploring user perceptions of real estate online platforms. <i>Ain Shams Engineering Journal</i> , 2021 ,	4.4	21
36	Risk management in sustainable smart cities governance: A TOE framework. <i>Technological Forecasting and Social Change</i> , 2021 , 167, 120743	9.5	51
35	UAVs in Disaster Management: Application of Integrated Aerial Imagery and Convolutional Neural Network for Flood Detection. <i>Sustainability</i> , 2021 , 13, 7547	3.6	15
34	UAV Assisted Spatiotemporal Analysis and Management of Bushfires: A Case Study of the 2020 Victorian Bushfires. <i>Fire</i> , 2021 , 4, 40	2.4	15
33	Addressing disasters in smart cities through UAVs path planning and 5G communications: A systematic review. <i>Computer Communications</i> , 2021 , 168, 114-135	5.1	58
32	BIMp-Chart: A Global Decision Support System for Measuring BIM Implementation Level in Construction Organizations. <i>Sustainability</i> , 2021 , 13, 9270	3.6	3
31	Urban Overheating Assessment through Prediction of Surface Temperatures: A Case Study of Karachi, Pakistan. <i>ISPRS International Journal of Geo-Information</i> , 2021 , 10, 539	2.9	11
30	Application of Deep Learning on UAV-Based Aerial Images for Flood Detection. <i>Smart Cities</i> , 2021 , 4, 1220-1243	3.3	17
29	A Beginner's Guide to Developing Review-Based Conceptual Frameworks in the Built Environment. <i>Architecture</i> , 2021 , 1, 5-24		9
28	Using Multivariate Regression and ANN Models to Predict Properties of Concrete Cured under Hot Weather. <i>Sustainability</i> , 2021 , 13, 10164	3.6	8
27	Managing smart cities through six sigma DMADICV method: A review-based conceptual framework. <i>Sustainable Cities and Society</i> , 2021 , 72, 103022	10.1	21
26	UAV Based Spatiotemporal Analysis of the 2019-2020 New South Wales Bushfires. <i>Sustainability</i> , 2021 , 13, 10207	3.6	9
25	Towards Smart Healthcare: UAV-Based Optimized Path Planning for Delivering COVID-19 Self-Testing Kits Using Cutting Edge Technologies. <i>Sustainability</i> , 2021 , 13, 10426	3.6	6
24	Modelling users' perception of the online real estate platforms in a digitally disruptive environment: An integrated KANO-SISQual approach. <i>Telematics and Informatics</i> , 2021 , 63, 101660	8.1	18
23	The Performance Gap in Energy-Efficient Office Buildings: How the Occupants Can Help?. <i>Energies</i> , 2020 , 13, 1480	3.1	23
22	Key Factors Influencing Purchase or Rent Decisions in Smart Real Estate Investments: A System Dynamics Approach Using Online Forum Thread Data. <i>Sustainability</i> , 2020 , 12, 4382	3.6	25
21	Smart Digital Marketing Capabilities for Sustainable Property Development: A Case of Malaysia. <i>Sustainability</i> , 2020 , 12, 5402	3.6	29
20	Big Data and Its Applications in Smart Real Estate and the Disaster Management Life Cycle: A Systematic Analysis. <i>Big Data and Cognitive Computing</i> , 2020 , 4, 4	3.5	48

19	Competitiveness in the construction industry: A contractor's perspective on barriers to improving the construction industry performance. <i>Journal of Construction Engineering Management & Innovation</i> , 2020 , 3, 193-219	2.6	9
18	Examining the impact of students' attendance, sketching, visualization, and tutors experience on students' performance: a case of building structures course in construction management. <i>Construction Economics and Building</i> , 2020 , 20,	0.9	8
17	Contingency Release During Project Execution: The Contractor's Decision-Making Dilemma. <i>Project Management Journal</i> , 2019 , 50, 734-748	3.5	8
16	A Study of Information Technology Adoption for Real-Estate Management: A System Dynamic Model 2019 , 469-486		6
15	Economic-Efficiency Analysis of Rawalpindi Bypass Project: A Case Study 2019 , 531-555		2
14	Implication of a Construction Labour Tracking System for Measuring Labour Productivity 2019 , 1-15		3
13	Factors Influencing the Construction Time and Cost Overrun in Projects: Empirical Evidence from Pakistani Construction Industry 2018 , 769-778		2
12	Prioritizing Best Value Contributing Factors for Contractor Selection: An AHP Approach 2018 , 1121-1131		
11	Best Value Contractor Selection in Road Construction Projects: ANP-Based Decision Support System. <i>International Journal of Civil Engineering</i> , 2018 , 16, 695-714	1.9	27
10	Concession period of public private partnership projects: industry's academia gap analysis. <i>International Journal of Construction Management</i> , 2018 , 18, 418-429	1.9	9
9	System Dynamics Model to Determine Concession Period of PPP Infrastructure Projects: Overarching Effects of Critical Success Factors. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2018 , 10, 04518022	1.7	15
8	A Systematic Review of Smart Real Estate Technology: Drivers of, and Barriers to, the Use of Digital Disruptive Technologies and Online Platforms. <i>Sustainability</i> , 2018 , 10, 3142	3.6	60
7	Influence of Six Sigma on project success in construction industry of Pakistan. <i>TQM Journal</i> , 2017 , 29, 276-309	3.4	33
6	Empirical Evidence of Extension of Time in Construction Projects. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2017 , 9, 04517008	1.7	10
5	Labor Productivity Assessment Using Activity Analysis on Semi High-Rise Building Projects in Pakistan. <i>Engineering Journal</i> , 2017 , 21, 273-286	1.8	6
4	Six Sigma in construction: a review of critical success factors. <i>International Journal of Lean Six Sigma</i> , 2016 , 7, 171-186	4.6	29
3	A review of public-private partnership: critical factors of concession period. <i>Journal of Financial Management of Property and Construction</i> , 2016 , 21, 269-300	1.5	22
2	Extracting built-up areas from spectro-textural information using machine learning. <i>Soft Computing</i> , 2016 , 1	3.5	1

- 1 A conceptual framework for blockchain smart contract adoption to manage real estate deals in smart cities. *Neural Computing and Applications*,1 4.8 25