Fahim Ullah

List of Publications by Year
in descending order

57 papers	1,695 citations	279701 23 h-index	315616 38 g-index
58 all docs	58 docs citations	58 times ranked	706 citing authors

#	Article	IF	Citations
1	Addressing disasters in smart cities through UAVs path planning and 5G communications: A systematic review. Computer Communications, 2021, 168, 114-135.	3.1	151
2	Risk management in sustainable smart cities governance: A TOE framework. Technological Forecasting and Social Change, 2021, 167, 120743.	6.2	143
3	A Systematic Review of Smart Real Estate Technology: Drivers of, and Barriers to, the Use of Digital Disruptive Technologies and Online Platforms. Sustainability, 2018, 10, 3142.	1.6	107
4	Big Data and Its Applications in Smart Real Estate and the Disaster Management Life Cycle: A Systematic Analysis. Big Data and Cognitive Computing, 2020, 4, 4.	2.9	81
5	A conceptual framework for blockchain smart contract adoption to manage real estate deals in smart cities. Neural Computing and Applications, 2023, 35, 5033-5054.	3.2	70
6	Barriers to the digitalisation and innovation of Australian Smart Real Estate: A managerial perspective on the technology non-adoption. Environmental Technology and Innovation, 2021, 22, 101527.	3.0	66
7	Smart Digital Marketing Capabilities for Sustainable Property Development: A Case of Malaysia. Sustainability, 2020, 12, 5402.	1.6	58
8	Influence of Six Sigma on project success in construction industry of Pakistan. TQM Journal, 2017, 29, 276-309.	2.1	52
9	Six Sigma in construction: a review of critical success factors. International Journal of Lean Six Sigma, 2016, 7, 171-186.	2.4	48
10	Application of Deep Learning on UAV-Based Aerial Images for Flood Detection. Smart Cities, 2021, 4, 1220-1243.	5.5	44
11	Best Value Contractor Selection in Road Construction Projects: ANP-Based Decision Support System. International Journal of Civil Engineering, 2018, 16, 695-714.	0.9	43
12	It's all about perceptions: A DEMATEL approach to exploring user perceptions of real estate online platforms. Ain Shams Engineering Journal, 2021, 12, 4297-4317.	3.5	43
13	UAVs in Disaster Management: Application of Integrated Aerial Imagery and Convolutional Neural Network for Flood Detection. Sustainability, 2021, 13, 7547.	1.6	40
14	Key Factors Influencing Purchase or Rent Decisions in Smart Real Estate Investments: A System Dynamics Approach Using Online Forum Thread Data. Sustainability, 2020, 12, 4382.	1.6	38
15	Managing smart cities through six sigma DMADICV method: A review-based conceptual framework. Sustainable Cities and Society, 2021, 72, 103022.	5.1	37
16	Big Data in Construction: Current Applications and Future Opportunities. Big Data and Cognitive Computing, 2022, 6, 18.	2.9	35
17	A review of public-private partnership: critical factors of concession period. Journal of Financial Management of Property and Construction, 2016, 21, 269-300.	0.9	34
18	Inspecting Buildings Using Drones and Computer Vision: A Machine Learning Approach to Detect Cracks and Damages. Drones, 2022, 6, 5.	2.7	31

#	Article	IF	Citations
19	The Performance Gap in Energy-Efficient Office Buildings: How the Occupants Can Help?. Energies, 2020, 13, 1480.	1.6	30
20	Crack Detection in Concrete Structures Using Deep Learning. Sustainability, 2022, 14, 8117.	1.6	30
21	Modelling users' perception of the online real estate platforms in a digitally disruptive environment: An integrated KANO-SISQual approach. Telematics and Informatics, 2021, 63, 101660.	3.5	29
22	UAV Assisted Spatiotemporal Analysis and Management of Bushfires: A Case Study of the 2020 Victorian Bushfires. Fire, 2021, 4, 40.	1.2	26
23	Urban Overheating Assessment through Prediction of Surface Temperatures: A Case Study of Karachi, Pakistan. ISPRS International Journal of Geo-Information, 2021, 10, 539.	1.4	26
24	Civil Infrastructure Damage and Corrosion Detection: An Application of Machine Learning. Buildings, 2022, 12, 156.	1.4	24
25	Identifying and Ranking Landfill Sites for Municipal Solid Waste Management: An Integrated Remote Sensing and GIS Approach. Buildings, 2022, 12, 605.	1.4	24
26	Using Multivariate Regression and ANN Models to Predict Properties of Concrete Cured under Hot Weather. Sustainability, 2021, 13, 10164.	1.6	23
27	Towards Smart Healthcare: UAV-Based Optimized Path Planning for Delivering COVID-19 Self-Testing Kits Using Cutting Edge Technologies. Sustainability, 2021, 13, 10426.	1.6	22
28	System Dynamics Model to Determine Concession Period of PPP Infrastructure Projects: Overarching Effects of Critical Success Factors. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2018, 10, .	0.9	21
29	Investigating the flood damages in Lower Indus Basin since 2000: Spatiotemporal analyses of the major flood events. Natural Hazards, 2021, 108, 2357-2383.	1.6	20
30	Assessing Nitrate Contamination Risks in Groundwater: A Machine Learning Approach. Applied Sciences (Switzerland), 2021, 11, 10034.	1.3	20
31	Modeling Profitability-Influencing Risk Factors for Construction Projects: A System Dynamics Approach. Buildings, 2022, 12, 701.	1.4	19
32	Concession period of public private partnership projects: industry–academia gap analysis. International Journal of Construction Management, 2018, 18, 418-429.	2.2	18
33	A Beginner's Guide to Developing Review-Based Conceptual Frameworks in the Built Environment. Architecture, 2021, 1, 5-24.	0.6	18
34	Advertising through UAVs: Optimized path system for delivering smart real–estate advertisement materials. International Journal of Intelligent Systems, 2021, 36, 3429-3463.	3.3	17
35	UAV Based Spatiotemporal Analysis of the 2019–2020 New South Wales Bushfires. Sustainability, 2021, 13, 10207.	1.6	17
36	BIMp-Chart—A Global Decision Support System for Measuring BIM Implementation Level in Construction Organizations. Sustainability, 2021, 13, 9270.	1.6	15

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37	Contingency Release During Project Execution: The Contractorâ€™s Decision-Making Dilemma. Project Management Journal, 2019, 50, 734-748.	2.6	13
38	Effects of COVID-19 on the Australian Economy: Insights into the Mobility and Unemployment Rates in Education and Tourism Sectors. Sustainability, 2021, 13, 11300.	1.6	13
39	Empirical Evidence of Extension of Time in Construction Projects. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2017, 9, 04517008.	0.9	12
40	Competitiveness in the construction industry: A contractorâ€™s perspective on barriers to improving the construction industry performance. Journal of Construction Engineering Management & Innovation, 2020, 3, 193-219.	0.6	12
41	Delineating Groundwater Recharge Potential through Remote Sensing and Geographical Information Systems. Water (Switzerland), 2022, 14, 1824.	1.2	12
42	Assessing Rainwater Harvesting Potential in Urban Areas: A Building Information Modelling (BIM) Approach. Sustainability, 2021, 13, 12583.	1.6	11
43	Adoption of Sustainable Supply Chain Management for Performance Improvement in the Construction Industry: A System Dynamics Approach. Architecture, 2021, 1, 161-182.	0.6	11
44	A Study of Information Technology Adoption for Real-Estate Management: A System Dynamic Model. , 2019, , 469-486.		10
45	Examining the impact of studentsâ€™ attendance, sketching, visualization, and tutors experience on studentsâ€™ performance: a case of building structures course in construction management. Construction Economics and Building, 2020, 20, .	0.5	9
46	Nexus between Leaderâ€"Member Exchange, Paternalistic Leadership, and Creative Behavior in the Construction Industry. Sustainability, 2022, 14, 7211.	1.6	9
47	Circular Economy in the Construction Industry: A Step towards Sustainable Development. Buildings, 2022, 12, 1004.	1.4	9
48	Labor Productivity Assessment Using Activity Analysis on Semi High-Rise Building Projects in Pakistan. Engineering Journal, 2017, 21, 273-286.	0.5	8
49	Systematic Literature Review to Identify the Critical Success Factors of the Build-to-Rent Housing Model. Buildings, 2022, 12, 171.	1.4	8
50	Big Data Management in Drugâ€"Drug Interaction: A Modern Deep Learning Approach for Smart Healthcare. Big Data and Cognitive Computing, 2022, 6, 30.	2.9	7
51	Key Adoption Factors for Collaborative Technologies and Barriers to Information Management in Construction Supply Chains: A System Dynamics Approach. Buildings, 2022, 12, 766.	1.4	7
52	Impact of Political, Social Safety, and Legal Risks and Host Country Attitude towards Foreigners on Project Performance of China Pakistan Economic Corridor (CPEC). Buildings, 2022, 12, 760.	1.4	5
53	Implication of a Construction Labour Tracking System for Measuring Labour Productivity. , 2019, , 1-15.		4
54	Extracting built-up areas from spectro-textural information using machine learning. Soft Computing, 0, , 1.	2.1	4

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55	Economic-Efficiency Analysis of Rawalpindi Bypass Project: A Case Study. , 2019, , 531-555.		3
56	Diverse Impact of Sensitive Sub-Categories of Demographic Variables on Safety Climate of High-Rise Building Projects. Architecture, 2022, 2, 175-195.	0.6	2
57	Prioritizing Best Value Contributing Factors for Contractor Selection: An AHP Approach. , 2018, , 1121-1131.		0