

# Ahsen Maqsoom

## List of Publications by Year in descending order

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Version: 2024-02-01

84  
papers

1,453  
citations

361413

20  
h-index

395702

33  
g-index

87  
all docs

87  
docs citations

87  
times ranked

933  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Responsible leadership and employee's proenvironmental behavior: The role of organizational commitment, green shared vision, and internal environmental locus of control. <i>Corporate Social Responsibility and Environmental Management</i> , 2020, 27, 297-312. | 8.7 | 137       |
| 2  | Building information modeling as a risk transformer: An evolutionary insight into the project uncertainty. <i>Automation in Construction</i> , 2018, 92, 103-119.  | 9.8 | 83        |
| 3  | Effects of elevated temperature on performance of recycled coarse aggregate concrete. <i>Construction and Building Materials</i> , 2019, 202, 415-425.   | 7.2 | 69        |
| 4  | Construction Sector Contribution to Economic Stability: Malaysian GDP Distribution. <i>Sustainability</i> , 2021, 13, 5012.  | 3.2 | 55        |
| 5  | Exploring and Validating the Effects of Mega Projects on Infrastructure Development Influencing Sustainable Environment and Project Management. <i>Frontiers in Psychology</i> , 2021, 12, 663199.   | 2.1 | 55        |
| 6  | Geospatial Assessment of Soil Erosion Intensity and Sediment Yield Using the Revised Universal Soil Loss Equation (RUSLE) Model. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 356.   | 2.9 | 50        |
| 7  | BIM-based claims management system: A centralized information repository for extension of time claims. <i>Automation in Construction</i> , 2020, 110, 102937.  | 9.8 | 44        |
| 8  | Soil erosion susceptibility mapping using a GIS-based multi-criteria decision approach: Case of district Chitral, Pakistan. <i>Ain Shams Engineering Journal</i> , 2021, 12, 1637-1649.  | 6.1 | 44        |
| 9  | Critical External Risks in International Joint Ventures for Construction Industry in Pakistan. <i>International Journal of Civil Engineering</i> , 2018, 16, 189-205.  | 2.0 | 42        |
| 10 | Investigating the impact of inflation on building materials prices in construction industry. <i>Journal of Building Engineering</i> , 2020, 32, 101485.  | 3.4 | 41        |
| 11 | A GIS-based DRASTIC Model and an Adjusted DRASTIC Model (DRASTICA) for Groundwater Susceptibility Assessment along the China-Pakistan Economic Corridor (CPEC) Route. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 332.                        | 2.9 | 40        |
| 12 | Analyzing the Importance of Driver Behavior Criteria Related to Road Safety for Different Driving Cultures. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1893.   | 2.6 | 32        |
| 13 | Inspecting Buildings Using Drones and Computer Vision: A Machine Learning Approach to Detect Cracks and Damages. <i>Drones</i> , 2022, 6, 5.   | 4.9 | 31        |
| 14 | The Effect of Inflation Rate on CO2 Emission: A Framework for Malaysian Construction Industry. <i>Sustainability</i> , 2021, 13, 1562.   | 3.2 | 30        |
| 15 | Motives and competitive assets of Pakistani international construction contracting firms. <i>Journal of Financial Management of Property and Construction</i> , 2014, 19, 138-151.   | 1.4 | 27        |
| 16 | Influence of Perceived Fairness on Contractors' Potential to Dispute: Moderating Effect of Engineering Ethics. <i>Journal of Construction Engineering and Management - ASCE</i> , 2020, 146, 04019090.   | 3.8 | 26        |
| 17 | Scientific risk performance analysis and development of disaster management framework: A case study of developing Asian countries. <i>Journal of King Saud University - Science</i> , 2021, 33, 101348.  | 3.5 | 26        |
| 18 | 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 | 26        |

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|----|--|-----|-----------|
| 19 | The Impact of Energy Cooperation and the Role of the One Belt and Road Initiative in Revolutionizing the Geopolitics of Energy among Regional Economic Powers: An Analysis of Infrastructure Development and Project Management. Complexity, 2020, 2020, 1-16. | 1.6 | 25        |
| 20 | Identifying and Ranking Landfill Sites for Municipal Solid Waste Management: An Integrated Remote Sensing and GIS Approach. Buildings, 2022, 12, 605.  | 3.1 | 24        |
| 21 | Landslide susceptibility mapping along the China Pakistan Economic Corridor (CPEC) route using multi-criteria decision-making method. Modeling Earth Systems and Environment, 2022, 8, 1519-1533.  | 3.4 | 23        |
| 22 | Using Multivariate Regression and ANN Models to Predict Properties of Concrete Cured under Hot Weather. Sustainability, 2021, 13, 10164.   | 3.2 | 23        |
| 23 | A Comparison Between Seasonal Autoregressive Integrated Moving Average (SARIMA) and Exponential Smoothing (ES) Based on Time Series Model for Forecasting Road Accidents. Arabian Journal for Science and Engineering, 2021, 46, 11113-11138.                  | 3.0 | 22        |
| 24 | Investigating the impact of inflation on labour wages in Construction Industry of Malaysia. Ain Shams Engineering Journal, 2021, 12, 1575-1582.  | 6.1 | 22        |
| 25 | Assessing Nitrate Contamination Risks in Groundwater: A Machine Learning Approach. Applied Sciences (Switzerland), 2021, 11, 10034.  | 2.5 | 20        |
| 26 | Managerial control mechanisms and their influence on project performance: an investigation of the moderating role of complexity risk. Engineering, Construction and Architectural Management, 2020, 27, 2451-2475.   | 3.1 | 19        |
| 27 | Intrinsic psychosocial stressors and construction worker productivity: impact of employee age and industry experience. Economic Research-Ekonomiska Istrazivanja, 2018, 31, 1880-1902.   | 4.7 | 18        |
| 28 | Barriers and opportunities to greening the construction supply chain management. Benchmarking, 2019, 27, 1211-1237.  | 4.6 | 18        |
| 29 | Evaluation of Different Landslide Susceptibility Models for a Local Scale in the Chitral District, Northern Pakistan. Sensors, 2022, 22, 3107.   | 3.8 | 18        |
| 30 | An empirical relationship between seismic risk perception and physical vulnerability: A case study of Malakand, Pakistan. International Journal of Disaster Risk Reduction, 2019, 41, 101317.  | 3.9 | 15        |
| 31 | Influencing factors indicating time delay in construction projects: impact of firm size and experience. International Journal of Construction Management, 2021, 21, 1251-1262.   | 3.2 | 15        |
| 32 | Influence of Construction Risks on Cost Escalation of Highway-Related Projects: Exploring the Moderating Role of Social Sustainability Requirements. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2021, 45, 2003-2015.       | 1.9 | 15        |
| 33 | Foreign Market Entry Considerations of Emerging Economy Firms: An Example of Pakistani Contractors. Procedia Engineering, 2014, 77, 222-228.   | 1.2 | 13        |
| 34 | Internationalization Process of Pakistani Contractors: An Exploratory Study. , 2013, , .   |     | 12        |
| 35 | Extrinsic psychosocial stressors and workers' productivity: impact of employee age and industry experience. Applied Economics, 2020, 52, 2807-2820.  | 2.2 | 12        |
| 36 | Effects of Landscape Changes on Soil Erosion in the Built Environment: Application of Geospatial-Based RUSLE Technique. Sustainability, 2020, 12, 5898.  | 3.2 | 12        |

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|----|---|-----|-----------|
| 37 | Delineating Groundwater Recharge Potential through Remote Sensing and Geographical Information Systems. <i>Water (Switzerland)</i> , 2022, 14, 1824.  | 2.7 | 12        |
| 38 | Assessing Rainwater Harvesting Potential in Urban Areas: A Building Information Modelling (BIM) Approach. <i>Sustainability</i> , 2021, 13, 12583.  | 3.2 | 11        |
| 39 | Seismic vulnerability assessment of building stock of Malakand (Pakistan) using FEMA P-154 method. <i>SN Applied Sciences</i> , 2019, 1, 1.   | 2.9 | 10        |
| 40 | Factors affecting defects occurrence in the construction stage of residential buildings in Gaza Strip. <i>SN Applied Sciences</i> , 2020, 2, 1.   | 2.9 | 10        |
| 41 | A SYSTEM DYNAMICS - BASED ECONOMIC PERFORMANCE SIMULATION OF CONSTRUCTION WASTE REDUCTION MANAGEMENT: EFFECTIVE APPLICATION OF PREFABRICATION. <i>Environmental Engineering and Management Journal</i> , 2019, 18, 2363-2376. | 0.6 | 9         |
| 42 | Optimizing contractor's selection and bid evaluation process in construction industry: Client's perspective. <i>Revista De La Construccion</i> , 2019, 18, 445-458.   | 0.5 | 9         |
| 43 | Nexus between Leader's Member Exchange, Paternalistic Leadership, and Creative Behavior in the Construction Industry. <i>Sustainability</i> , 2022, 14, 7211.   | 3.2 | 9         |
| 44 | Impact of work-life balance with the role of organizational support and job burnout on project performance. <i>Engineering, Construction and Architectural Management</i> , 2023, 30, 154-171.                                | 3.1 | 8         |
| 45 | Are LEED-certified healthcare buildings in the USA truly impacting sustainability?. <i>Indoor and Built Environment</i> , 2020, 29, 7-23.   | 2.8 | 6         |
| 46 | A correlation study between weather and atmosphere with COVID-19 pandemic in Islamabad, Pakistan. <i>Spatial Information Research</i> , 2021, 29, 605-613.  | 2.2 | 6         |
| 47 | Theoretical and experimental analysis of multifunctional high performance cement mortar matrices reinforced with varying lengths of carbon fibers. <i>Materiales De Construccion</i> , 2018, 68, 172.                         | 0.7 | 6         |
| 48 | Geospatial mapping of Tsunami susceptibility of Karachi to Gwadar coastal area of Pakistan. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.  | 1.3 | 5         |
| 49 | Project control and forecast assessment of building projects in Pakistan using earned value management. <i>Engineering, Construction and Architectural Management</i> , 2022, 29, 842-869.                                    | 3.1 | 5         |
| 50 | Road Traffic Accident Data Analysis and Its Visualization. <i>Civil Engineering and Architecture</i> , 2021, 9, 1603-1614.  | 0.4 | 5         |
| 51 | Integrated support vector regressor and hybrid neural network techniques for earthquake prediction along Chaman fault, Baluchistan. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.                                      | 1.3 | 5         |
| 52 | A GIS-Based Groundwater Contamination Assessment Using Modified DRASTIC Geospatial Technique. <i>Water (Switzerland)</i> , 2021, 13, 2868.  | 2.7 | 5         |
| 53 | Influence of Internal Workforce Diversity Factors on Labor Productivity in Construction Projects: Empirical Evidence from Pakistan. , 2020, , .   |     | 5         |
| 54 | 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.                         | 3.1 | 5         |

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|----|---|-----|-----------|
| 55 | BIM Implementation in Public Sector of Pakistan Construction Industry. , 2018, , .  |     | 4         |
| 56 | Impact of agile management on project performance: Evidence from I.T sector of Pakistan. PLoS ONE, 2021, 16, e0249311.  | 2.5 | 4         |
| 57 | Afghanistan earthquake 2015 aftershocks analysis for a better understanding of the seismicity behavior for future assessment. Acta Geophysica, 2021, 69, 1189-1197.                                     | 2.0 | 4         |
| 58 | THERMAL COMFORT AND VENTILATION CONDITIONS IN HEALTHCARE FACILITIES - PART 1: AN ASSESSMENT OF INDOOR ENVIRONMENTAL QUALITY (IEQ). Environmental Engineering and Management Journal, 2020, 19, 917-933. | 0.6 | 4         |
| 59 | Effect of multiple climate change scenarios and predicted land-cover on soil erosion: a way forward for the better land management. Environmental Monitoring and Assessment, 2021, 193, 754.            | 2.7 | 4         |
| 60 | Factors influencing the Pro-Environmental Behavior of Construction Workers. , 2020, , .   |     | 4         |
| 61 | Extracting built-up areas from spectro-textural information using machine learning. Soft Computing, 0, , 1.   | 3.6 | 4         |
| 62 | Green Human Resource Practices on Pro-environmental behaviour of workers: Case of Pakistani construction industry. , 2021, , .  |     | 4         |
| 63 | Labor Productivity in Construction Industry: Investigating the Influence of Internal Psychosocial Stressors. , 2018, , .  |     | 3         |
| 64 | Extrinsic factors influencing the bid/no-bid decision of construction contracting firms: Impact of firm size and experience. , 0, , 146-158.  |     | 3         |
| 65 | Influence of External Workforce Diversity Factors on Labor Productivity in Construction Projects: Empirical Evidence from Pakistan. , 2020, , .   |     | 3         |
| 66 | Intrinsic Workforce Diversity and Construction Worker Productivity in Pakistan: Impact of Employee Age and Industry Experience. Sustainability, 2022, 14, 232.  | 3.2 | 3         |
| 67 | Influence of Risk Factors on Projectâ€™s Objectives in Construction Industry of Pakistan. , 2019, , .   |     | 2         |
| 68 | Exploring Managerial Perspectives of Using Building Management System through TAM: An Empirical Study of Commercial Sector of Pakistan. Periodica Polytechnica: Civil Engineering, 2020, , .            | 0.6 | 2         |
| 69 | Internationalization of Construction Service Corporations: Impact of Size and International Experience. IEEE Access, 2020, 8, 41659-41672.  | 4.2 | 2         |
| 70 | Efficiency of multiple hybrid techniques for the earthquake physical susceptibility mapping: the case of Abbottabad District, Pakistan. Environmental Earth Sciences, 2021, 80, 1.                      | 2.7 | 2         |
| 71 | The International Entrepreneurial Dynamics of Pakistani Transnational Contractors. , 2015, , 961-969.   |     | 2         |
| 72 | Diverse Impact of Sensitive Sub-Categories of Demographic Variables on Safety Climate of High-Rise Building Projects. Architecture, 2022, 2, 175-195.   | 1.1 | 2         |

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|----|---|-----|-----------|
| 73 | Factors Causing the Time Delay in Projects: Empirical Evidence from Pakistani Construction Industry. , 2020, , .  |     | 1         |
| 74 | BUILDING INFORMATION MODELING APPLICATION FOR GROUNDWATER RECHARGE: DEVELOPMENT OF MULTIPLE STRUCTURES. Environmental Engineering and Management Journal, 2020, 19, 935-945.  | 0.6 | 1         |
| 75 | THERMAL COMFORT AND VENTILATION CONDITIONS IN HEALTHCARE FACILITIES - PART 2: IMPROVING INDOOR ENVIRONMENT QUALITY (IEQ) THROUGH VENTILATION RETROFITTING. Environmental Engineering and Management Journal, 2020, 19, 2059-2075.   | 0.6 | 1         |
| 76 | How Sustainability in Healthcare Sector Challenges Guidelines and Code Development: A Framework for Design of Sustainable Hospital Buildings. Lecture Notes in Mechanical Engineering, 2020, , 213-225.   | 0.4 | 1         |
| 77 | Internationalization of Construction Services: A Comparison between Emerging and Developed Economiesâ€™ Construction Contracting Firms. , 2015, , .   |     | 0         |
| 78 | Experimental and Numerical Seismic Evaluation of RC Walls Under Axial Compression. Periodica Polytechnica: Civil Engineering, 0, , .  | 0.6 | 0         |
| 79 | Intrinsic Factors Influencing the Bid/No-Bid Decision of Pakistani Contractors. , 2020, , .   |     | 0         |
| 80 | Statistical modeling of rubberized concrete beams confined by FRP using RSM technique. Sadhana - Academy Proceedings in Engineering Sciences, 2020, 45, 1.  | 1.3 | 0         |
| 81 | New Nonlinear Modal Decomposition Method for Seismic Analysis of Tall RC Core Wall Buildings. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2020, 44, 163-177.   | 1.9 | 0         |
| 82 | Closure to "Influence of Perceived Fairness on Contractors' Potential to Dispute: Moderating Effect of Engineering Ethics" by Ahsen Maqsoom, Saifullah Jan Wazir, Rafiq M. Choudhry, Muhammad Jamaluddin Thaheem, and Hafiz Zahoor. Journal of Construction Engineering and Management - ASCE, 2021, 147, . | 3.8 | 0         |
| 83 | Motives and competitive assets for internationalization: a comparison between emerging and developed economy international construction contracting firms. Applied Economics, 2021, 53, 2539-2553.  | 2.2 | 0         |
| 84 | Disaster preparedness for metro projects: a social-cognitive perspective of Pakistan. Geoenvironmental Disasters, 2020, 7, .  | 3.6 | 0         |