

# Mujahid Ali

## List of Publications by Year in descending order

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32  
papers

594  
citations

623734

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642732

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32  
all docs

32  
docs citations

32  
times ranked

275  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of humic acid on CO <sub>2</sub> -wettability in sandstone formation. Journal of Colloid and Interface Science, 2021, 588, 315-325.	9.4	63
2	Clay Ceramic Waste as Pozzolan Constituent in Cement for Structural Concrete. Materials, 2021, 14, 2917.	2.9	58
3	Modeling of Mechanical Properties of Silica Fume-Based Green Concrete Using Machine Learning Techniques. Polymers, 2022, 14, 30.	4.5	52
4	Western Australia basalt-CO <sub>2</sub> -brine wettability at geo-storage conditions. Journal of Colloid and Interface Science, 2021, 603, 165-171.	9.4	46
5	The Influence of COVID-19-Induced Daily Activities on Health Parameters—A Case Study in Malaysia. Sustainability, 2021, 13, 7465.	3.2	34
6	Effect of the addition and processing of glass polishing waste on the durability of geopolymeric mortars. Case Studies in Construction Materials, 2021, 15, e00662.	1.7	31
7	Assessment of local earthen bricks in perspective of physical and mechanical properties using Geographical Information System in Peshawar, Pakistan. Structures, 2020, 28, 2549-2561.	3.6	26
8	Time-Use and Spatio-Temporal Variables Influence on Physical Activity Intensity, Physical and Social Health of Travelers. Sustainability, 2021, 13, 12226.	3.2	21
9	Kabul River Flow Prediction Using Automated ARIMA Forecasting: A Machine Learning Approach. Sustainability, 2021, 13, 10720.	3.2	20
10	An Advanced Machine Learning Approach to Predicting Pedestrian Fatality Caused by Road Crashes: A Step toward Sustainable Pedestrian Safety. Sustainability, 2022, 14, 2436.	3.2	20
11	Classification of Imbalanced Travel Mode Choice to Work Data Using Adjustable SVM Model. Applied Sciences (Switzerland), 2021, 11, 11916.	2.5	20
12	Contact Angles of a Brine on a Bituminous Coal in Compressed Hydrogen. Geophysical Research Letters, 2022, 49, .	4.0	20
13	Investigating Optimal Confinement Behaviour of Low-Strength Concrete through Quantitative and Analytical Approaches. Materials, 2021, 14, 4675.	2.9	18
14	Experimental Validation of Mander's Model for Low Strength Confined Concrete Under Axial Compression. , 2020, , .		17
15	Physicochemical, rheological and morphological properties of bitumen incorporating petroleum sludge. Construction and Building Materials, 2021, 297, 123738.	7.2	16
16	Enhancing CO <sub>2</sub> storage capacity and containment security of basaltic formation using silica nanofluids. International Journal of Greenhouse Gas Control, 2021, 112, 103516.	4.6	15
17	Column Study for Adsorption of Copper and Cadmium Using Activated Carbon Derived from Sewage Sludge. Advances in Civil Engineering, 2022, 2022, 1-11.	0.7	14
18	FE Modelling and Analysis of Beam Column Joint Using Reactive Powder Concrete. Crystals, 2021, 11, 1372.	2.2	12

#	ARTICLE	IF	CITATIONS
19	A Review on Building Design as a Biomedical System for Preventing COVID-19 Pandemic. Buildings, 2022, 12, 582.	3.1	11
20	Hybrid Bayesian Network Models to Investigate the Impact of Built Environment Experience before Adulthood on Students' Tolerable Travel Time to Campus: Towards Sustainable Commute Behavior. Sustainability, 2022, 14, 325.	3.2	10
21	A Review of Recent Developments and Applications of Compound Parabolic Concentrator-Based Hybrid Solar Photovoltaic/Thermal Collectors. Sustainability, 2022, 14, 5529.	3.2	10
22	The effect of hydrolysis on combustion characteristics of sewage sludge and leaching behavior of heavy metals. Environmental Technology (United Kingdom), 2018, 39, 2632-2640.	2.2	9
23	Structural Behavior of Slender Reinforced Concrete Columns Wrapped with Fiber Reinforced Polymers Subjected to Eccentric Loads. , 2020, , .		8
24	How Sustainable Is People's Travel to Reach Public Transit Stations to Go to Work? A Machine Learning Approach to Reveal Complex Relationships. Sustainability, 2022, 14, 3989.	3.2	7
25	Nonlinear Relationships between Vehicle Ownership and Household Travel Characteristics and Built Environment Attributes in the US Using the XGBT Algorithm. Sustainability, 2022, 14, 3395.	3.2	7
26	Numerical Analysis of Piled-Raft Foundations on Multi-Layer Soil Considering Settlement and Swelling. Buildings, 2022, 12, 356.	3.1	6
27	Approaching Sustainable Bike-Sharing Development: A Systematic Review of the Influence of Built Environment Features on Bike-Sharing Ridership. Sustainability, 2022, 14, 5795.	3.2	6
28	Numerical Analysis of Shallow Foundations with Varying Loading and Soil Conditions. Buildings, 2022, 12, 693.	3.1	5
29	The Effect of Hydrolysis on Properties of Soot and Tar During the Pyrolysis of Sewage Sludge. Waste and Biomass Valorization, 2020, 11, 3433-3442.	3.4	4
30	Influence of Humic acids on CO <sub>2</sub> -quartz wettability: Implications for CO <sub>2</sub> storage. SSRN Electronic Journal, 0, , .	0.4	4
31	Compaction Characteristics and Permeability of Expansive Shale Stabilized with Locally Produced Waste Materials. Materials, 2022, 15, 2138.	2.9	3
32	Dataset on the effect of receiver size and acceptance half-angle on the aperture width and height of compound parabolic concentrator for low-concentrating photovoltaic applications using RSM. Data in Brief, 2021, 39, 107630.	1.0	1