

Mujahid Ali

List of Publications by Year in descending order

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32
times ranked

275
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Compaction Characteristics and Permeability of Expansive Shale Stabilized with Locally Produced Waste Materials. Materials, 2022, 15, 2138.	2.9	3
3	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
4	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
5	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
6	Numerical Analysis of Piled-Raft Foundations on Multi-Layer Soil Considering Settlement and Swelling. Buildings, 2022, 12, 356.	3.1	6
7	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
8	Modeling of Mechanical Properties of Silica Fume-Based Green Concrete Using Machine Learning Techniques. Polymers, 2022, 14, 30.	4.5	52
9	Contact Angles of a Brine on a Bituminous Coal in Compressed Hydrogen. Geophysical Research Letters, 2022, 49, .	4.0	20
10	A Review on Building Design as a Biomedical System for Preventing COVID-19 Pandemic. Buildings, 2022, 12, 582.	3.1	11
11	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
12	A Review of Recent Developments and Applications of Compound Parabolic Concentrator-Based Hybrid Solar Photovoltaic/Thermal Collectors. Sustainability, 2022, 14, 5529.	3.2	10
13	Numerical Analysis of Shallow Foundations with Varying Loading and Soil Conditions. Buildings, 2022, 12, 693.	3.1	5
14	Effect of humic acid on CO ₂ -wettability in sandstone formation. Journal of Colloid and Interface Science, 2021, 588, 315-325.	9.4	63
15	Clay Ceramic Waste as Pozzolan Constituent in Cement for Structural Concrete. Materials, 2021, 14, 2917.	2.9	58
16	The Influence of COVID-19-Induced Daily Activities on Health Parameters—A Case Study in Malaysia. Sustainability, 2021, 13, 7465.	3.2	34
17	Investigating Optimal Confinement Behaviour of Low-Strength Concrete through Quantitative and Analytical Approaches. Materials, 2021, 14, 4675.	2.9	18
18	Physicochemical, rheological and morphological properties of bitumen incorporating petroleum sludge. Construction and Building Materials, 2021, 297, 123738.	7.2	16

#	ARTICLE	IF	CITATIONS
19	Kabul River Flow Prediction Using Automated ARIMA Forecasting: A Machine Learning Approach. Sustainability, 2021, 13, 10720.	3.2	20
20	Western Australia basalt-CO ₂ -brine wettability at geo-storage conditions. Journal of Colloid and Interface Science, 2021, 603, 165-171.	9.4	46
21	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
22	Time-Use and Spatio-Temporal Variables Influence on Physical Activity Intensity, Physical and Social Health of Travelers. Sustainability, 2021, 13, 12226.	3.2	21
23	FE Modelling and Analysis of Beam Column Joint Using Reactive Powder Concrete. Crystals, 2021, 11, 1372.	2.2	12
24	Enhancing CO ₂ storage capacity and containment security of basaltic formation using silica nanofluids. International Journal of Greenhouse Gas Control, 2021, 112, 103516.	4.6	15
25	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
26	Classification of Imbalanced Travel Mode Choice to Work Data Using Adjustable SVM Model. Applied Sciences (Switzerland), 2021, 11, 11916.	2.5	20
27	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
28	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
29	Experimental Validation of Mander's Model for Low Strength Confined Concrete Under Axial Compression. , 2020, , .		17
30	Structural Behavior of Slender Reinforced Concrete Columns Wrapped with Fiber Reinforced Polymers Subjected to Eccentric Loads. , 2020, , .		8
31	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
32	Influence of Humic acids on CO ₂ -quartz wettability: Implications for CO ₂ storage. SSRN Electronic Journal, 0, , .	0.4	4