

# Moses

## 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

493  
citations

12  
h-index

20  
g-index

59  
ext. papers

714  
ext. citations

3.4  
avg, IF

4.89  
L-index

#	Paper	IF	Citations
54	Energy dissipation capacity of cementitious nanocomposite reinforced by hybrid carbon nanotubes. <i>Construction and Building Materials</i> , <b>2022</b> , 323, 126396	6.7	0
53	Assessment of Quality of Fresh Concrete Delivered at Varying Temperatures. <i>CivilEng</i> , <b>2022</b> , 3, 135-146	1.7	
52	Determination of Skin Friction Factor in Gravel Bed Rivers: Considering the Effect of Large-Scale Topographic Forms in Non-Uniform Flows. <i>Hydrology</i> , <b>2022</b> , 9, 58	2.8	0
51	Applications of Decision Tree and Random Forest as Tree-Based Machine Learning Techniques for Analyzing the Ultimate Strain of Spliced and Non-Spliced Reinforcement Bars. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 4851	2.6	5
50	Determining Flood Zonation Maps, Using New Ensembles of Multi-Criteria Decision-Making, Bivariate Statistics, and Artificial Neural Network. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 1721	3	1
49	Evaluating the behaviour of centrally perforated unreinforced masonry walls: Applications of numerical analysis, machine learning, and stochastic methods. <i>Ain Shams Engineering Journal</i> , <b>2021</b> , 13, 101631-101631	4.4	6
48	Characteristics of Flow over Rectangular Labyrinth Weirs with Round Corners. <i>Hydrology</i> , <b>2021</b> , 8, 158	2.8	0
47	Behaviour Investigation of SMA-Equipped Bar Hysteretic Dampers Using Machine Learning Techniques. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 10057	2.6	2
46	Mechanical Characteristics of Cement Paste in the Presence of Carbon Nanotubes and Silica Oxide Nanoparticles: An Experimental Study. <i>Materials</i> , <b>2021</b> , 14,	3.5	8
45	An Experimental Study on Concrete Durability and Mechanical Characteristics Subjected to Different Curing Regimes. <i>Civil Engineering Journal (Iran)</i> , <b>2021</b> , 7, 676-689	5.2	3
44	Application of Gilsonite-Modified Slag as a Subballast Layer with Recommendations for Optimum Content of Gilsonite. <i>Journal of Materials in Civil Engineering</i> , <b>2021</b> , 33, 04021049	3	2
43	Feasibility of Using Non-Destructive Ultrasound Measurement Technique to Evaluate Binder Content of Asphalt Mixtures. <i>CivilEng</i> , <b>2021</b> , 2, 396-405	1.7	2
42	Application of Artificial Neural Network to Predict Load Bearing Capacity and Stiffness of Perforated Masonry Walls. <i>CivilEng</i> , <b>2021</b> , 2, 48-67	1.7	13
41	Impacts of Void Existence on Mechanical Behavior of Tuff-like Lithophysal Material. <i>Rock Mechanics and Rock Engineering</i> , <b>2021</b> , 54, 1315-1330	5.7	0
40	Application of Ultrasonic Measurements for the Evaluation of Steel Fiber Reinforced Concrete. <i>Engineering, Technology &amp; Applied Science Research</i> , <b>2021</b> , 11, 6662-6667	1	11
39	A Novel Analytical Method for Evaluating the Characteristics of Hydraulic Jump at a Positive Step. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 2005	3	
38	Predicting the Effect of Fly Ash on Concrete Mechanical Properties by ANN. <i>Sustainability</i> , <b>2021</b> , 13, 1469	3.6	18

37	Influence of Saltwater Submergence on Geohydraulic Properties of Sand: A Laboratory Investigation. <i>Hydrology</i> , <b>2021</b> , 8, 181	2.8	1
36	Water on Mars— Literature Review. <i>Galaxies</i> , <b>2020</b> , 8, 40	2	14
35	Effect of Fiber Reinforced Polymer Tubes Filled with Recycled Materials and Concrete on Structural Capacity of Pile Foundations. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 1554	2.6	45
34	Relationship between Sunspot Numbers and Mean Annual Precipitation: Application of Cross-Wavelet Transform— Case Study. <i>J</i> , <b>2020</b> , 3, 67-78	1.9	7
33	Sacrificial Piles as Scour Countermeasures in River Bridges A Numerical Study using FLOW-3D. <i>Civil Engineering Journal (Iran)</i> , <b>2020</b> , 6, 1091-1103	5.2	9
32	Effect of Micropiles on Clean Sand Liquefaction Risk Based on CPT and SPT. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 3111	2.6	26
31	A Review of Different Aspects of Applying Asphalt and Bituminous Mixes under a Railway Track. <i>Materials</i> , <b>2020</b> , 14,	3.5	8
30	Sensitivity analysis of the DEM resolution and effective parameters of runoff yield in the SWAT model: a case study <b>2020</b> , 69, 39-54		16
29	Effect of Competent Caliche Layers on Measuring the Capacity of Axially Loaded Drilled Shafts Using the Osterberg Test. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 6169	2.6	11
28	Drought Frequency Analysis Based on the Development of a Two-Variate Standardized Index (Rainfall-Runoff). <i>Water (Switzerland)</i> , <b>2020</b> , 12, 2599	3	4
27	Flow Topology in the Confluence of an Open Channel with Lateral Drainage Pipe. <i>Hydrology</i> , <b>2020</b> , 7, 57	2.8	1
26	Effect of Corner Shape on Hydraulic Performance of One-Cycle Rectangular Labyrinth Weirs. <i>Fluids</i> , <b>2020</b> , 5, 117	1.6	1
25	Surface runoff and pollutant load response to urbanization, climate variability, and low impact developments —a case study. <i>Water Science and Technology: Water Supply</i> , <b>2019</b> , 19, 2410-2421	1.4	11
24	Investigating the effects of transient flow in concrete-lined pressure tunnels, and developing a new analytical formula for pressure wave velocity. <i>Tunnelling and Underground Space Technology</i> , <b>2019</b> , 91, 102992	5.7	7
23	Improving the hardened and transport properties of perlite incorporated mixture through different solutions: Surface area increase, nanosilica incorporation or both. <i>Construction and Building Materials</i> , <b>2019</b> , 209, 187-194	6.7	3
22	Flow-Induced Stresses and Displacements in Jointed Concrete Pipes Installed by Pipe Jacking Method. <i>Fluids</i> , <b>2019</b> , 4, 34	1.6	5
21	Identification of Critical Source Areas (CSAs) and Evaluation of Best Management Practices (BMPs) in Controlling Eutrophication in the Dez River Basin. <i>Environments - MDPI</i> , <b>2019</b> , 6, 20	3.2	15
20	Water Quality Modeling of Mahabad Dam Watershed Reservoir System under Climate Change Conditions, Using SWAT and System Dynamics. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 394	3	29

19	Rheological properties of modified crumb rubber asphalt binder and selecting the best modified binder using AHP method. <i>Case Studies in Construction Materials</i> , <b>2019</b> , 11, e00276	2.7	6
18	Bulbous Pier: An Alternative to Bridge Pier Extensions as a Countermeasure against Bridge Deck Splashing. <i>Fluids</i> , <b>2019</b> , 4, 140	1.6	
17	Effect of Overburden Height on Hydraulic Fracturing of Concrete-Lined Pressure Tunnels Excavated in Intact Rock: A Numerical Study. <i>Fluids</i> , <b>2019</b> , 4, 112	1.6	4
16	Investigation of setting time and compressive strength of ready-mixed concrete blended with returned fresh concrete. <i>Construction and Building Materials</i> , <b>2019</b> , 197, 428-435	6.7	11
15	Effects of the mechanical milling method on transport properties of self-compacting concrete containing perlite powder as a supplementary cementitious material. <i>Construction and Building Materials</i> , <b>2018</b> , 172, 677-684	6.7	21
14	Pretreatment of natural perlite powder by further milling to use as a supplementary cementitious material. <i>Construction and Building Materials</i> , <b>2018</b> , 186, 782-789	6.7	4
13	A new approach for application of silica fume in concrete: Wet granulation. <i>Construction and Building Materials</i> , <b>2017</b> , 157, 573-581	6.7	35
12	Physical Clogging of Uniformly Graded Porous Media Under Constant Flow rates. <i>Transport in Porous Media</i> , <b>2017</b> , 120, 643-659	3.1	7
11	An Investigation of Geography and Climate Induced Distresses Patterns on Airfield Pavements at US Air Force Installations. <i>Mathematical Problems in Engineering</i> , <b>2017</b> , 2017, 1-10	1.1	2
10	Comparing Performance and Impediments of Construction and Professional Disadvantaged Business Enterprises in Transportation. <i>Journal of Professional Issues in Engineering Education and Practice</i> , <b>2016</b> , 142, 04015012	0.7	1
9	Feasibility of ultrasonic measurements for characterizing rheological properties of asphalt binders. <i>Construction and Building Materials</i> , <b>2015</b> , 75, 220-226	6.7	1
8	Rheology evaluations of WMA binders using ultraviolet and PAV aging procedures. <i>Construction and Building Materials</i> , <b>2015</b> , 79, 56-64	6.7	50
7	Investigation of the AP-42 sampling method. <i>Journal of the Air and Waste Management Association</i> , <b>2008</b> , 58, 1422-33	2.4	4
6	Compressive strength and failure modes of lithophysae-rich Topopah Spring Tuff specimens and analog models containing cavities. <i>Engineering Geology</i> , <b>2004</b> , 73, 179-190	6	35
5	Field measurements of shear strength of an underconsolidated marine clay. <i>Engineering Geology</i> , <b>2003</b> , 67, 233-242	6	10
4	Alkali-Silica Reaction Possible Cause of Map Cracking in Gunite. <i>Journal of Performance of Constructed Facilities</i> , <b>2003</b> , 17, 118-125	2	0
3	A new apparatus for analog modeling of clay smears. <i>Journal of Structural Geology</i> , <b>2002</b> , 24, 905-912	3	8
2	Performance of Hot Mix Asphalt Using Coarse and Skip Graded Aggregates. <i>Journal of Materials in Civil Engineering</i> , <b>1996</b> , 8, 101-107	3	4

- 1 DISCRIMINANT ANALYSIS OF HYDROCOLLAPSE IN LAS VEGAS SOILS. *Civil Engineering and Environmental Systems*, **1995**, 11, 307-316