

Moses

List of Publications by Year in descending order

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papers

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516215

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767
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Fiber Reinforced Polymer Tubes Filled with Recycled Materials and Concrete on Structural Capacity of Pile Foundations. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1554.	1.3	72
2	Water Quality Modeling of Mahabad Dam Watershedâ€™Reservoir System under Climate Change Conditions, Using SWAT and System Dynamics. <i>Water (Switzerland)</i> , 2019, 11, 394.	1.2	63
3	Rheology evaluations of WMA binders using ultraviolet and PAV aging procedures. <i>Construction and Building Materials</i> , 2015, 79, 56-64.	3.2	58
4	A new approach for application of silica fume in concrete: Wet granulation. <i>Construction and Building Materials</i> , 2017, 157, 573-581.	3.2	52
5	Compressive strength and failure modes of lithophysae-rich Topopah Spring Tuff specimens and analog models containing cavities. <i>Engineering Geology</i> , 2004, 73, 179-190.	2.9	44
6	Effect of Micropiles on Clean Sand Liquefaction Risk Based on CPT and SPT. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3111.	1.3	42
7	Water on Marsâ€™A Literature Review. <i>Galaxies</i> , 2020, 8, 40.	1.1	41
8	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> , 2022, 12, 4851.	1.3	33
9	Predicting the Effect of Fly Ash on Concreteâ€™s Mechanical Properties by ANN. <i>Sustainability</i> , 2021, 13, 1469.	1.6	32
10	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> , 2018, 172, 677-684.	3.2	30
11	Sensitivity analysis of the DEM resolution and effective parameters of runoff yield in the SWAT model: a case study. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2020, 69, 39-54.	0.6	29
12	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> , 2019, 6, 20.	1.5	25
13	Application of Artificial Neural Network to Predict Load Bearing Capacity and Stiffness of Perforated Masonry Walls. <i>CivilEng</i> , 2021, 2, 48-67.	0.8	25
14	Mechanical Characteristics of Cement Paste in the Presence of Carbon Nanotubes and Silica Oxide Nanoparticles: An Experimental Study. <i>Materials</i> , 2021, 14, 1347.	1.3	22
15	Evaluating the behaviour of centrally perforated unreinforced masonry walls: Applications of numerical analysis, machine learning, and stochastic methods. <i>Ain Shams Engineering Journal</i> , 2022, 13, 101631.	3.5	22
16	Application of Ultrasonic Measurements for the Evaluation of Steel Fiber Reinforced Concrete. <i>Engineering, Technology & Applied Science Research</i> , 2021, 11, 6662-6667.	0.8	21
17	Sacrificial Piles as Scour Countermeasures in River Bridges A Numerical Study using FLOW-3D. <i>Civil Engineering Journal (Iran)</i> , 2020, 6, 1091-1103.	1.2	19
18	Surface runoff and pollutant load response to urbanization, climate variability, and low impact developments â€™ a case study. <i>Water Science and Technology: Water Supply</i> , 2019, 19, 2410-2421.	1.0	17

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19	Field measurements of shear strength of an underconsolidated marine clay. <i>Engineering Geology</i> , 2003, 67, 233-242.	2.9	16
20	Investigation of setting time and compressive strength of ready-mixed concrete blended with returned fresh concrete. <i>Construction and Building Materials</i> , 2019, 197, 428-435.	3.2	16
21	Effect of Competent Caliche Layers on Measuring the Capacity of Axially Loaded Drilled Shafts Using the Osterberg Test. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6169.	1.3	16
22	An Experimental Study on Concrete's Durability and Mechanical Characteristics Subjected to Different Curing Regimes. <i>Civil Engineering Journal (Iran)</i> , 2021, 7, 676-689.	1.2	16
23	Relationship between Sunspot Numbers and Mean Annual Precipitation: Application of Cross-Wavelet Transform—A Case Study. <i>J</i> , 2020, 3, 67-78.	0.6	15
24	A Review of Different Aspects of Applying Asphalt and Bituminous Mixes under a Railway Track. <i>Materials</i> , 2021, 14, 169.	1.3	15
25	Physical Clogging of Uniformly Graded Porous Media Under Constant Flow rates. <i>Transport in Porous Media</i> , 2017, 120, 643-659.	1.2	14
26	Rheological properties of modified crumb rubber asphalt binder and selecting the best modified binder using AHP method. <i>Case Studies in Construction Materials</i> , 2019, 11, e00276.	0.8	12
27	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> , 2019, 91, 102992.	3.0	12
28	Drought Frequency Analysis Based on the Development of a Two-Variate Standardized Index (Rainfall-Runoff). <i>Water (Switzerland)</i> , 2020, 12, 2599.	1.2	12
29	A new apparatus for analog modeling of clay smears. <i>Journal of Structural Geology</i> , 2002, 24, 905-912.	1.0	11
30	Flow-Induced Stresses and Displacements in Jointed Concrete Pipes Installed by Pipe Jacking Method. <i>Fluids</i> , 2019, 4, 34.	0.8	11
31	Behaviour Investigation of SMA-Equipped Bar Hysteretic Dampers Using Machine Learning Techniques. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10057.	1.3	11
32	A Comparative Study on Soil Stabilization Relevant to Transport Infrastructure using Bagasse Ash and Stone Dust and Cost Effectiveness. <i>Civil Engineering Journal (Iran)</i> , 2021, 7, 1947-1963.	1.2	11
33	Field Installation Effects of Stone Columns on Load Settlement Characteristics of Reinforced Soft Ground. <i>International Journal of Geomechanics</i> , 2022, 22, .	1.3	9
34	Effect of Overburden Height on Hydraulic Fracturing of Concrete-Lined Pressure Tunnels Excavated in Intact Rock: A Numerical Study. <i>Fluids</i> , 2019, 4, 112.	0.8	8
35	Investigation of the AP-42 Sampling Method. <i>Journal of the Air and Waste Management Association</i> , 2008, 58, 1422-1433.	0.9	6
36	Pretreatment of natural perlite powder by further milling to use as a supplementary cementitious material. <i>Construction and Building Materials</i> , 2018, 186, 782-789.	3.2	6

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37	Determining Flood Zonation Maps, Using New Ensembles of Multi-Criteria Decision-Making, Bivariate Statistics, and Artificial Neural Network. <i>Water (Switzerland)</i> , 2022, 14, 1721.	1.2	6
38	Performance of Hot Mix Asphalt Using Coarse and Skip Graded Aggregates. <i>Journal of Materials in Civil Engineering</i> , 1996, 8, 101-107.	1.3	5
39	Energy dissipation capacity of cementitious nanocomposite reinforced by hybrid carbon nanotubes. <i>Construction and Building Materials</i> , 2022, 323, 126396.	3.2	5
40	Comparing Performance and Impediments of Construction and Professional Disadvantaged Business Enterprises in Transportation. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2016, 142, 04015012.	0.9	4
41	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> , 2019, 209, 187-194.	3.2	4
42	Feasibility of ultrasonic measurements for characterizing rheological properties of asphalt binders. <i>Construction and Building Materials</i> , 2015, 75, 220-226.	3.2	3
43	An Investigation of Geography and Climate Induced Distresses Patterns on Airfield Pavements at US Air Force Installations. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-10.	0.6	3
44	Flow Topology in the Confluence of an Open Channel with Lateral Drainage Pipe. <i>Hydrology</i> , 2020, 7, 57.	1.3	3
45	Effect of Corner Shape on Hydraulic Performance of One-Cycle Rectangular Labyrinth Weirs. <i>Fluids</i> , 2020, 5, 117.	0.8	3
46	Application of Gilsonite-Modified Slag as a Subballast Layer with Recommendations for Optimum Content of Gilsonite. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, 04021049.	1.3	3
47	Feasibility of Using Non-Destructive Ultrasound Measurement Technique to Evaluate Binder Content of Asphalt Mixtures. <i>CivilEng</i> , 2021, 2, 396-405.	0.8	3
48	Elastic Analysis of Drilled Shaft Foundations in Soil Profiles with Intermediate Caliche Layers. , 2015, , .		2
49	Impacts of Void Existence on Mechanical Behavior of Tuff-like Lithophysal Material. <i>Rock Mechanics and Rock Engineering</i> , 2021, 54, 1315-1330.	2.6	2
50	DISCRIMINANT ANALYSIS OF HYDROCOLLAPSE IN LAS VEGAS SOILS. <i>Civil Engineering and Environmental Systems</i> , 1995, 11, 307-316.	0.2	1
51	Alkali-Silica Reaction—Possible Cause of Map Cracking in Gunite. <i>Journal of Performance of Constructed Facilities</i> , 2003, 17, 118-125.	1.0	1
52	Bulbous Pier: An Alternative to Bridge Pier Extensions as a Countermeasure against Bridge Deck Splashing. <i>Fluids</i> , 2019, 4, 140.	0.8	1
53	A Novel Analytical Method for Evaluating the Characteristics of Hydraulic Jump at a Positive Step. <i>Water (Switzerland)</i> , 2021, 13, 2005.	1.2	1
54	Characteristics of Flow over Rectangular Labyrinth Weirs with Round Corners. <i>Hydrology</i> , 2021, 8, 158.	1.3	1

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55	Failure Mechanism of Cementitious Nanocomposites Reinforced by Multi-Walled and Single-Walled Carbon Nanotubes Under Splitting Tensile Test. , 2018, , .		1
56	Assessment of Quality of Fresh Concrete Delivered at Varying Temperatures. CivilEng, 2022, 3, 135-146.	0.8	1
57	Determination of Skin Friction Factor in Gravel Bed Rivers: Considering the Effect of Large-Scale Topographic Forms in Non-Uniform Flows. Hydrology, 2022, 9, 58.	1.3	1
58	Influence of Saltwater Submergence on Geohydraulic Properties of Sand: A Laboratory Investigation. Hydrology, 2021, 8, 181.	1.3	1