Visar Farhangi

List of Publications by Year
in descending order

14 papers	439 citations	840585 11 h-index	1058333 14 g-index
15 all docs	15 docs citations	15 times ranked	277 citing authors

#	Article	IF	Citations
1	Predicting the compressive strength of concrete containing metakaolin with different properties using ANN. Measurement: Journal of the International Measurement Confederation, 2021, 183, 109790.	2.5	94
2	Effect of Fiber Reinforced Polymer Tubes Filled with Recycled Materials and Concrete on Structural Capacity of Pile Foundations. Applied Sciences (Switzerland), 2020, 10, 1554.	1.3	72
3	Effect of Micropiles on Clean Sand Liquefaction Risk Based on CPT and SPT. Applied Sciences (Switzerland), 2020, 10, 3111.	1.3	42
4	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. Applied Sciences (Switzerland), 2022, 12, 4851.	1.3	33
5	Predicting the Effect of Fly Ash on Concrete's Mechanical Properties by ANN. Sustainability, 2021, 13, 1469.	1.6	32
6	Application of Artificial Neural Network to Predict Load Bearing Capacity and Stiffness of Perforated Masonry Walls. CivilEng, 2021, 2, 48-67.	0.8	25
7	Mechanical Characteristics of Cement Paste in the Presence of Carbon Nanotubes and Silica Oxide Nanoparticles: An Experimental Study. Materials, 2021, 14, 1347.	1.3	22
8	Evaluating the behaviour of centrally perforated unreinforced masonry walls: Applications of numerical analysis, machine learning, and stochastic methods. Ain Shams Engineering Journal, 2022, 13, 101631.	3.5	22
9	Application of Ultrasonic Measurements for the Evaluation of Steel Fiber Reinforced Concrete. Engineering, Technology & Applied Science Research, 2021, 11, 6662-6667.	0.8	21
10	Effect of Competent Caliche Layers on Measuring the Capacity of Axially Loaded Drilled Shafts Using the Osterberg Test. Applied Sciences (Switzerland), 2020, 10, 6169.	1.3	16
11	An Experimental Study on Concrete's Durability and Mechanical Characteristics Subjected to Different Curing Regimes. Civil Engineering Journal (Iran), 2021, 7, 676-689.	1.2	16
12	Physical modeling of the long-term behavior of integral abutment bridge backfill reinforced with tire-rubber. International Journal of Geo-Engineering, 2021, 12, 1.	0.9	14
13	Effect of EBR- and EBROG-GFRP laminate on the structural performance of corroded reinforced concrete columns subjected to a hysteresis load. Structures, 2021, 34, 1525-1544.	1.7	11
14	Behaviour Investigation of SMA-Equipped Bar Hysteretic Dampers Using Machine Learning Techniques. Applied Sciences (Switzerland), 2021, 11, 10057.	1.3	11