

Mohammad Javad Moradi

List of Publications by Year in Descending Order

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Version: 2024-04-19

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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.

13
papers

170
citations

8
h-index

13
g-index

13
ext. papers

267
ext. citations

3.4
avg, IF

4.17
L-index

#	Paper	IF	Citations
13	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	2.6	5
12	Evaluating the behaviour of centrally perforated unreinforced masonry walls: Applications of numerical analysis, machine learning, and stochastic methods. <i>Ain Shams Engineering Journal</i> , 2021 , 13, 101631-101631	4.4	6
11	Dynamic behavior of corroded RC slabs with macro-level stochastic finite element simulations. <i>Engineering Structures</i> , 2021 , 239, 112056	4.7	3
10	Application of Artificial Neural Network to Predict Load Bearing Capacity and Stiffness of Perforated Masonry Walls. <i>CivilEng</i> , 2021 , 2, 48-67	1.7	13
9	A Multi-Pier-Macro MPM method for the progressive failure analysis of perforated masonry walls in-plane loaded. <i>Engineering Failure Analysis</i> , 2021 , 127, 105528	3.2	8
8	Predicting the compressive strength of concrete containing metakaolin with different properties using ANN. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021 , 183, 109790	4.6	24
7	Numerical Study on Seismic Behavior of Composite Shear Walls with Steel-Encased Profiles Subjected to Different Axial Load. <i>Practice Periodical on Structural Design and Construction</i> , 2021 , 26, 04021034	1.2	2
6	A Multi-Pier MP procedure for the non-linear analysis of in-plane loaded masonry walls. <i>Engineering Structures</i> , 2020 , 212, 110534	4.7	13
5	Prediction of the Load-Bearing Behavior of SPSW with Rectangular Opening by RBF Network. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 1185	2.6	25
4	Studying the effect of low reactivity metakaolin on free and restrained shrinkage of high performance concrete. <i>Journal of Building Engineering</i> , 2020 , 28, 101053	5.2	22
3	Response of low-percentage FRC slabs under impact loading: Experimental, numerical, and soft computing methods. <i>Structures</i> , 2020 , 27, 975-988	3.4	8
2	A Multi-Pier MP method for the non-linear static analysis of out-of-plane loaded masonry walls. <i>Engineering Structures</i> , 2020 , 223, 111040	4.7	6
1	Developing a Library of Shear Walls Database and the Neural Network Based Predictive Meta-Model. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2562	2.6	35