Mohammad Javad Moradi

List of Publications by Year
in descending order

13 papers	365 citations	933447 10 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	227 citing authors

#	Article	IF	Citations
1	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.	6.1	22
2	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.	2.5	33
3	Application of Artificial Neural Network to Predict Load Bearing Capacity and Stiffness of Perforated Masonry Walls. CivilEng, 2021, 2, 48-67.	1.4	25
4	Dynamic behavior of corroded RC slabs with macro-level stochastic finite element simulations. Engineering Structures, 2021, 239, 112056.	5.3	10
5	A Multi-Pier-Macro MPM method for the progressive failure analysis of perforated masonry walls in-plane loaded. Engineering Failure Analysis, 2021, 127, 105528.	4.0	16
6	Predicting the compressive strength of concrete containing metakaolin with different properties using ANN. Measurement: Journal of the International Measurement Confederation, 2021, 183, 109790.	5.0	94
7	Numerical Study on Seismic Behavior of Composite Shear Walls with Steel-Encased Profiles Subjected to Different Axial Load. Practice Periodical on Structural Design and Construction, 2021, 26, .	1.3	6
8	Studying the effect of low reactivity metakaolin on free and restrained shrinkage of high performance concrete. Journal of Building Engineering, 2020, 28, 101053.	3.4	32
9	Response of low-percentage FRC slabs under impact loading: Experimental, numerical, and soft computing methods. Structures, 2020, 27, 975-988.	3.6	16
10	A Multi-Pier MP method for the non-linear static analysis of out-of-plane loaded masonry walls. Engineering Structures, 2020, 223, 111040.	5.3	7
11	A Multi-Pier MP procedure for the non-linear analysis of in-plane loaded masonry walls. Engineering Structures, 2020, 212, 110534.	5.3	18
12	Prediction of the Load-Bearing Behavior of SPSW with Rectangular Opening by RBF Network. Applied Sciences (Switzerland), 2020, 10, 1185.	2.5	35
13	Developing a Library of Shear Walls Database and the Neural Network Based Predictive Meta-Model. Applied Sciences (Switzerland), 2019, 9, 2562.	2.5	51