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## Application of Artificial Neural Network to Predict Load Bearing Capacity and Stiffness of Perforated Masonry Walls

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21	Application of Gamma Attenuation Technique and Artificial Intelligence to Detect Scale Thickness in Pipelines in Which Two-Phase Flows with Different Flow Regimes and Void Fractions Exist. <i>Symmetry</i> , <b>2021</b> , 13, 1198	2.7	10
20	Propose new implement models to determine the compressive, tensile and flexural strengths of recycled coarse aggregate concrete via imperialist competitive algorithm. <i>Journal of Building Engineering</i> , <b>2021</b> , 40, 102337	5.2	10
19	Predicting the compressive strength of concrete containing metakaolin with different properties using ANN. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2021</b> , 183, 109790	4.6	24
18	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> , <b>2021</b> , 26, 04021034	1.2	2
17	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
16	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
15	A Multi Pier (MP) method for the evaluation FRP delamination on flat and curve masonry substrates. <i>Composite Structures</i> , <b>2022</b> , 294, 115793	5.3	
14	Predicting the Compressive Strength of Concrete Containing Binary Supplementary Cementitious Material Using Machine Learning Approach. <b>2022</b> , 15, 5336		5
13	Application of Wavelet Characteristics and GMDH Neural Networks for Precise Estimation of Oil Product Types and Volume Fractions. <b>2022</b> , 14, 1797		1
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10	Increasing the Accuracy and Optimizing the Structure of the Scale Thickness Detection System by Extracting the Optimal Characteristics Using Wavelet Transform. <b>2022</b> , 9, 288		0
9	Predicting Scale Thickness in Oil Pipelines Using Frequency Characteristics and an Artificial Neural Network in a Stratified Flow Regime. <b>2022</b> , 15, 7564		0
8	Developing a Model Based on the Radial Basis Function to Predict the Compressive Strength of Concrete Containing Fly Ash. <b>2022</b> , 12, 1743		0
7	Application of Artificial Intelligence for Determining the Volume Percentages of a Stratified Regime Three-Phase Flow, Independent of the Oil Pipeline Scale Thickness. <b>2022</b> , 10, 1996		1
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