Yilmaz Koçak

List of Publications by Year
in descending order

21 papers	451 citations	933447 10 h-index	839539 18 g-index
21 all docs	21 docs citations	21 times ranked	463 citing authors

#	Article	IF	Citations
1	The effect of using fly ash on the strength and hydration characteristics of blended cements. Construction and Building Materials, 2014, 73, 25-32.	7.2	124
2	The effect of using natural zeolite on the properties and hydration characteristics of blended cements. Construction and Building Materials, 2013, 47, 720-727.	7.2	70
3	Electrochemical investigations on the corrosion behaviour of reinforcing steel in diatomite- and zeolite-containing concrete exposed to sulphuric acid. Construction and Building Materials, 2013, 49, 471-477.	7.2	65
4	Effects of metakaolin on the hydration development of Portland–composite cement. Journal of Building Engineering, 2020, 31, 101419.	3.4	41
5	New activation functions for single layer feedforward neural network. Expert Systems With Applications, 2021, 164, 113977.	7.6	29
6	Estimation of compressive strength of BFS and WTRP blended cement mortars with machine learning models. Computers and Concrete, 2017, 19, 275-282.	0.7	26
7	Hydration mechanisms and mechanical properties of pumice substituted cementitious binder. Construction and Building Materials, 2022, 335, 127528.	7.2	15
8	Prediction of the effects of fly ash and silica fume on the setting time of Portland cement with fuzzy logic. Neural Computing and Applications, 2013, 22, 1485-1491.	5.6	14
9	The potency of zeolite and diatomite on the corrosive destruction of reinforcing steel in 1–M HNO3 environment. Construction and Building Materials, 2020, 236, 117572.	7.2	13
10	Analyzing the compressive strength of clinker mortars using approximate reasoning approaches - ANN vs MLR. Computers and Concrete, 2015, 15, 89-101.	0.7	12
11	Application of expert systems in prediction of flexural strength of cement mortars. Computers and Concrete, 2016, 18, 1-16.	0.7	11
12	The effect of caffeine molecule on the physico-chemical properties of blended cement. Construction and Building Materials, 2020, 255, 119394.	7.2	7
13	Corrosion behavior of concrete produced with diatomite and zeolite exposed to chlorides. Computers and Concrete, 2017, 19, 161-169.	0.7	7
14	Effect of the PC, diatomite and zeolite on the performance of concrete composites. Computers and Concrete, 2016, 17, 815-829.	0.7	6
15	New metal connectors developed to improve the shear strength of stone masonry walls. Structural Engineering and Mechanics, 2014, 50, 121-135.	1.0	6
16	Predicting the compressive strength of cement mortars containing FA and SF by MLPNN. Computers and Concrete, 2015, 15, 759-770.	0.7	3
17	Zeolit ve Diatomit İçkameli Betonların Sülfürik Asit Etkisine Karşı Davranışı. El-Cezeri Journal of Science and Engineering, 2018, 5, 845-855.	0.1	1
18	Zeolit İçkameli Betonlara Sodyum Klorürün Etkisi. Düzce Üniversitesi Bilim Ve Teknoloji Dergisi, 2019, 7, 2094-2106.	0.7	1

#	Article	IF	Citations
19	Pomza ve Diatomitin Yüzey Özelliklerinin Portland Çimentosunun Fiziksel ve Mekanik Özelliklerine Etkisi. El-Cezeri Journal of Science and Engineering, 0, , .	0.1	0
20	Diatomit İkameli Betonların Sodyum Klorür Etkisine Karşı Performansı. El-Cezeri Journal of Science and Engineering, 0, , .	0.1	0
21	Pirinç Kabuğu Külü İkameli Çimentoların Fiziksel ve Mekanik Özelliklerinin Araştırılması. El-Cezeri Journal of Science and Engineering, 0, , .	0.1	0