Yilmaz KoÃak

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	Hydration mechanisms and mechanical properties of pumice substituted cementitious binder. Construction and Building Materials, 2022, 335, 127528.	7.2	15
2	New activation functions for single layer feedforward neural network. Expert Systems With Applications, 2021, 164, 113977.	7.6	29
3	The potency of zeolite and diatomite on the corrosive destruction of reinforcing steel in 1â€¯M HNO3 environment. Construction and Building Materials, 2020, 236, 117572.	7.2	13
4	The effect of caffeine molecule on the physico-chemical properties of blended cement. Construction and Building Materials, 2020, 255, 119394.	7.2	7
5	Effects of metakaolin on the hydration development of Portlandâ€“composite cement. Journal of Building Engineering, 2020, 31, 101419.	3.4	41
6	Zeolit Ä°kameli Betonlara Sodyum KlorÃ¼rÃ¼n Etkisi. DÃ¼zce Ãœniversitesi Bilim Ve Teknoloji Dergisi, 2019, 7, 2094-2106.	0.7	1
7	Zeolit ve Diatomit Ä°kameli BetonlarÄ±n SÃ¼lfÃ¼rik Asit Etkisine KarÅŸÄ± DavranÄ±ÅŸÄ±. El-Cezeri Journal of Science and Engineering, 2018, 5, 845-855.	0.1	1
8	Corrosion behavior of concrete produced with diatomite and zeolite exposed to chlorides. Computers and Concrete, 2017, 19, 161-169.	0.7	7
9	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
10	Effect of the PC, diatomite and zeolite on the performance of concrete composites. Computers and Concrete, 2016, 17, 815-829.	0.7	6
11	Application of expert systems in prediction of flexural strength of cement mortars. Computers and Concrete, 2016, 18, 1-16.	0.7	11
12	Analyzing the compressive strength of clinker mortars using approximate reasoning approaches - ANN vs MLR. Computers and Concrete, 2015, 15, 89-101.	0.7	12
13	Predicting the compressive strength of cement mortars containing FA and SF by MLPNN. Computers and Concrete, 2015, 15, 759-770.	0.7	3
14	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
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	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Pomza ve Diatomitin YÃ¼zey Ã–zelliklerinin Portland Ã‡imentosunun Fiziksel ve Mekanik Ã–zelliklerine Etkisi. El-Cezeri Journal of Science and Engineering, 0, , .	0.1	0
20	Diatomit Ä°kameli BetonlarÄ±n Sodyum KlorÃ¼r Etkisine KarÅŸÄ± PerformansÄ±. El-Cezeri Journal of Science and Engineering, 0, , .	0.1	0
21	PirinÃ§ KabuÄŸu KÃ¼lÃ¼ Ä°kameli Ã‡imentolarÄ±n Fiziksel ve Mekanik Ã–zelliklerinin AraÅŸtÄ±rÄ±lmasÄ±. El-Cezeri Journal of Science and Engineering, 0, , .	0.1	0