zÃ¼lal akbay arama

List of Publications by Year
in descending order

17 papers	98 citations	1937685 4 h-index	1474206 9 g-index
18 all docs	18 docs citations	18 times ranked	37 citing authors

#	Article	IF	Citations
1	Eco-Friendly Design of Reinforced Concrete Retaining Walls: Multi-objective Optimization with Harmony Search Applications. Sustainability, 2020, 12, 6087.	3.2	27
2	Optimal Design of Cantilever Soldier Pile Retaining Walls Embedded in Frictional Soils with Harmony Search Algorithm. Applied Sciences (Switzerland), 2020, 10, 3232.	2.5	27
3	CO2 and Cost Optimization of Reinforced Concrete Cantilever Soldier Piles: A Parametric Study with Harmony Search Algorithm. Sustainability, 2020, 12, 5906.	3.2	15
4	The Usage of the Harmony Search Algorithm for the Optimal Design Problem of Reinforced Concrete Retaining Walls. Applied Sciences (Switzerland), 2021, 11, 1343.	2.5	12
5	A comparative study on the application of artificial intelligence networks versus regression analysis for the prediction of clay plasticity. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	6
6	L-shaped reinforced concrete retaining wall design: cost and sizing optimization. Challenge Journal of Structural Mechanics, 2020, 6, 140.	0.3	4
7	Effects of Soil Geotechnical Properties on the Prediction of Optimal Dimensions of Restricted Reinforced Concrete Retaining Walls. Hittite Journal of Science & Engineering, 2020, 7, 205-213.	0.5	3
8	Dolgu-Zemin EtkileÅŸiminde Malzeme Modeli Etkisi. Ã‡ukurova Ãœniversitesi MÃ¼hendislik-MimarlÄ±k FakÃ¼ltesi Dergisi, 2016, 31, 35-50.	0.1	2
9	KOMÅŽU ZEMÄ°N YAPILARININ PARAMETRÄ°K ANALÄ°ZÄ° â€œDOLGU-ÅžEV ETKÄ°LEÅžÄ°MÄ°â€. UludaÄŸ University Journal of the Faculty of Engineering, 2018, 23, 109-128.	0.2	1
10	Reply to â€œDiscussion: A Comparative study on the application of artificial intelligence networks versus regression analysis for the prediction of clay plasticity [Arab J Geosci (2021) 14(7): 534] Brendan Oâ€™Kelly and Amin Soltaniâ€. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	1
11	A design approach for piles adjacent to embankments. Ce/Papers, 2018, 2, 555-560.	0.3	0
12	Dolgu TasarÄ±mÄ±nda Temel Zemini GÃ¶Ã§mesine DayalÄ± YaklaÅŸÄ±m. Teknik Dergi/Technical Journal of Turkish Chamber of Civil Engineers, 0, , .	1.1	0
13	Sustainable Optimum Design of RC Retaining Walls: The Influence of Structural Material and Surrounding Soil Properties. Studies in Systems, Decision and Control, 2021, , 249-297.	1.0	0
14	TabakalanmÄ±ÅŸ zemin profillerinde inÅŸa edilen tekil kÄ±rmataÅŸ kolonlarÄ±n sayÄ±sal analizi. BalÄ±kesir Ãœniversitesi Fen Bilimleri EnstitÃ¼sÃ¼ Dergisi, 0, , 133-148.	0.3	0
15	Prediction of Soil Plasticity Index with the Use of Regression Analysis and Artificial Neural Networks: A Specific Case for BakÄ±rkÃ¶y District. Advances in Intelligent Systems and Computing, 2021, , 281-293.	0.6	0
16	The application of Residual Augmented Least Squares method to predict the consistency properties of special clayey soils. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	0
17	Comparative analysis of factors influencing the optimal seismic design of retaining walls. Arabian Journal of Geosciences, 2022, 15, .	1.3	0