# zül̈al 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 | 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 |
| 2 | Comparative analysis of factors influencing the optimal seismic design of retaining walls. Arabian Journal of Geosciences, 2022, 15, . | 1.3 | 0 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | $CO_2$ and Cost Optimization of Reinforced Concrete Cantilever Soldier Piles: A Parametric Study with Harmony Search Algorithm. Sustainability, 2020, 12, 5906. | 3.2 | 15 |
| 9 | Eco-Friendly Design of Reinforced Concrete Retaining Walls: Multi-objective Optimization with Harmony Search Applications. Sustainability, 2020, 12, 6087. | 3.2 | 27 |
| 10 | 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 |
| 11 | 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 |
| 12 | L-shaped reinforced concrete retaining wall design: cost and sizing optimization. Challenge Journal of Structural Mechanics, 2020, 6, 140. | 0.3 | 4 |
| 13 | 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 |
| 14 | A design approach for piles adjacent to embankments. Ce/Papers, 2018, 2, 555-560. | 0.3 | 0 |
| 15 | Dolgu-Zemin EtkileÅŸiminde Malzeme Modeli Etkisi. Ã‡ukurova Ãœniversitesi MÃ¼hendislik-MimarlÄ±k FakÃ¼ltesi Dergisi, 2016, 31, 35-50. | 0.1 | 2 |
| 16 | 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 |
| 17 | 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 |