

Res. Asst. Abdulmuttalip ARI

Personal Information

Email: talipari@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/17159>

International Researcher IDs

ScholarID: BU23u8QAAAAJ

ORCID: 0000-0002-7942-6797

Publons / Web Of Science ResearcherID: MIO-2312-2025

ScopusID: 57221925264

Yoksis Researcher ID: 299726

Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2020 - Continues

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2018 - 2020

Undergraduate, Sakarya University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 2015 - 2018

Research Areas

Geotechnical Engineering

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, 2020 - Continues

Research Assistant, Karamanoglu Mehmetbey University, Faculty Of Engineering, Department Of Civil Engineering, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Multiscale evaluation of sand-geomaterial interface shear response in terms of material geometry effects**
ARI A., AKBULUT S.
Construction and Building Materials, vol.450, 2024 (SCI-Expanded)
- II. **Coupled Effects of Particle Shape and Grain-Scale Deformability on Repose Angle of Sand-Rubber Granule Mixture**
ARI A., AKBULUT S.
International Journal of Geomechanics, vol.24, no.11, 2024 (SCI-Expanded)
- III. **Investigation of micro-scale shear response of sand-rubber granule mixture in terms of particle shape and grain scale deformability effects**
Ari A., Akbulut S.
Particuology, vol.90, pp.452-469, 2024 (SCI-Expanded)
- IV. **Liquefaction and performance of foundation systems in Iskenderun during 2023 Kahramanmaras-**

Turkiye earthquake sequence

Özener P., Monkul M. M., Bayat E. E., Ari A., Çetin K. Ö.

Soil Dynamics and Earthquake Engineering, vol.178, 2024 (SCI-Expanded)

- V. **Seismic Performance and Damage Evaluation of Reinforced Concrete Structures Based on Field Investigation Made After February 6, 2023, Kahramanmaraş Earthquakes**
SEVİM B., AYVAZ Y., AKBULUT S., AYDINER M. F., Uzun S., ARİ A.
Journal of Earthquake and Tsunami, vol.18, no.1, 2024 (SCI-Expanded)
- VI. **Examining the Role of Liquefiable Layer Thickness and Depth on the Seismic Lateral Response of Piles through Numerical Analyses**
ARİ A., Demir S., ÖZENER P.
International Journal of Geomechanics, vol.23, no.5, 2023 (SCI-Expanded)
- VII. **Effect of particle size and shape on shear strength of sand-rubber granule mixtures**
Ari A., Akbulut S.
GRANULAR MATTER, vol.24, no.4, 2022 (SCI-Expanded)
- VIII. **Effect of fractal dimension on sand-geosynthetic interface shear strength**
Ari A., Akbulut S.
POWDER TECHNOLOGY, vol.401, 2022 (SCI-Expanded)
- IX. **Evaluation of sand-geomembrane interface behavior using discrete element method**
ARİ A., AKBULUT S.
GRANULAR MATTER, vol.24, no.1, 2022 (SCI-Expanded)
- X. **Three-dimensional numerical analysis of geocell reinforced shell foundations**
ARİ A., Misir G.
Geotextiles and Geomembranes, vol.49, pp.963-975, 2021 (SCI-Expanded)

Papers Published in Refereed Scientific Meetings

- I. **Evaluation of Micro-Mechanical Shear Response of Sandy Soil in terms of Particle Shape Effect**
ARİ A., AKBULUT S.
9th Geotechnical Symposium, 22-24th November, Istanbul, İstanbul, Turkey, 22 November 2023
- II. **KOHEZYONLU ZEMİNLERİN ZAMANA BAĞLI DAVRANIŞININ ANALİTİK VE SAYISAL YÖNTEMLER İLE KARŞILAŞTIRMALI ANALİZİ**
ARİ A., MISIR G.
Uluslararası 8. Geoteknik Sempozyumu, 13 - 17 November 2019

Supported Projects

AKBULUT S., ÖZÇOBAN M. Ş., ARİ A., Project Supported by Higher Education Institutions, Parçacık Görüntülü Hız Ölçümü Yöntemi ile Kum-Geomalzeme Arayüzey Davranışının Lokal Ölçekte Araştırılması, 2023 - 2025

Metrics

Publication: 12

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