

Asst. Prof. Zinnur ÇELİK

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Anabilim Dalı, Turkey 2014 - 2019

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği, Turkey 2008 - 2010

Undergraduate, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey 2001 - 2005

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Liflerin kendiliğinden yerleşen betonların özelliklerine ve kırılma enerjilerine etkisi, Ataturk University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Anabilim Dalı, 2019

Postgraduate, Yapıların deprem güvenliğinin performans esaslı incelenmesi, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği/Yapı, 2010

Research Areas

Civil Engineering, Building materials, Materials in Civil Engineering, Concrete Technology, Material Mechanics, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Ataturk University, Pasinler Meslek Yüksekokulu, İnşaat, 2022 - Continues

Academic and Administrative Experience

Meslek Yüksekokulu Yönetim Kurulu Üyesi, Ataturk University, Pasinler Meslek Yüksekokulu, 2022 - Continues

Assistant Director of Vocational School, Ataturk University, Pasinler Meslek Yüksekokulu, 2022 - Continues

Meslek Yüksekokulu Kurulu Üyesi, Ataturk University, Pasinler Meslek Yüksekokulu, 2022 - Continues

Meslek Yüksekokulu Akademik Kurul Üyesi, Ataturk University, Pasinler Meslek Yüksekokulu, 2022 - Continues

Courses

Zemin Mekaniği, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Proje Etüdü ve Uygulaması, Associate Degree, 2021 - 2022, 2019 - 2020
Şantiye Organizasyonu, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Betonarme, Associate Degree, 2022 - 2023
Temel İnşaatı, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020
Karayolu İnşaatı, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Yapı Metrajı ve Maliyeti, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020
Mesleki Uygulamalar, Associate Degree, 2022 - 2023
Yapı Onarım ve Güçlendirme, Associate Degree, 2021 - 2022
Mukavemet, Associate Degree, 2020 - 2021
Zemin ve Temel Uygulamaları, Associate Degree, 2019 - 2020
Arazi Deneyleri, Associate Degree, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of the use of ground raw vermiculite as a supplementary cement materials in self-compacting mortars: Comparison with class C fly ash**
Çelik Z.
JOURNAL OF BUILDING ENGINEERING, vol.65, pp.1-14, 2023 (SCI-Expanded)
- II. **Fresh, mechanical, sorptivity and rapid chloride permeability properties of self-compacting concrete with silica fume and fly ash**
ÇELİK Z., BİNGÖL A. F., Agsu A. S.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, vol.46, no.2, pp.789-799, 2022 (SCI-Expanded)
- III. **Mechanical properties and postcracking behavior of self-compacting fiber reinforced concrete**
ÇELİK Z., BİNGÖL A. F.
STRUCTURAL CONCRETE, vol.21, no.5, pp.2124-2133, 2020 (SCI-Expanded)
- IV. **Fracture properties and impact resistance of self-compacting fiber reinforced concrete (SCFRC)**
ÇELİK Z., BİNGÖL A. F.
MATERIALS AND STRUCTURES, vol.53, no.3, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **Mechanical, freeze-thaw, and sorptivity properties of mortars prepared with different cement types and waste marble powder**
Gürgöze R., Çelik Z., Bingöl A. F.
Journal of Sustainable Construction Materials and Technologies, vol.8, no.4, pp.307-318, 2023 (Scopus)
- II. **BETON NUMUNE ATIKLARINDAN ELDE EDİLEN GERİ DÖNÜŞÜM AGREGALARI İLE ÜRETİLEN BETONLARDA YÜKSEK SICAKLIK ETKİLERİ**
KHİR ALLAH M., ÇELİK Z., BİNGÖL A. F.
KSÜ Mühendislik Bilimleri Dergisi, vol.26, 2023 (Peer-Reviewed Journal)
- III. **Farklı Konsantrasyonlarda Sodyum Sülfata Maruz Kalan Silis Dumanı İçerikli Betonların Sülfat Direncinin İncelenmesi**
Aksakal E., Çelik Z., Bingöl A. F.

İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.4, pp.2706-2716, 2023 (Peer-Reviewed Journal)

IV. Effect of basalt, polypropylene and macro-synthetic fibres on workability and mechanical properties of self-compacting concrete

ÇELİK Z., BİNGÖL A. F.

Challenge Journal of Structural Mechanics, vol.5, no.2, pp.35, 2019 (Peer-Reviewed Journal)

V. Performance based study on the seismic safety of buildings

Çelik Z., Budak A.

Challenge Journal of Structural Mechanics, vol.4, no.2, pp.45-53, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. HAM VERMİKÜLİT İKAMELİ ÇİMENTO HARCININ YÜKSEK SICAKLIK PERFORMANSININ İNCELENMESİ

Çelik Z., Turan E., Oltulu M.

SELCUK 9th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES December 15 - 17, 2023 – Konya, Konya, Turkey, 15 - 17 December 2023, pp.80-86

II. INVESTIGATION OF PROPERTIES OF FERROCHROME SLAG CEMENT PASTE EXPOSED TO HIGH TEMPERATURE

Çelik Z., Turan E., Oltulu M.

IV. BASKENT INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES, Ankara, Turkey, 4 - 06 August 2023, pp.1505-1511

III. BETON KİRİŞLERİN GÜÇLENDİRİLMESİNDE ATIK KARBON/CAM LİFLİ LAMİNATLARIN KULLANIMI

Turan E., Oltulu M., Yıldız İ., Çelik Z., Öner G.

4. ULUSLARARASI HASANKEYF BİLİMSEL ARAŞTIRMALAR VE İNOVASYON KONGRESİ, Batman, Turkey, 29 - 30 April 2023, pp.19-27

Metrics

Publication: 12

Citation (WoS): 51

Citation (Scopus): 61

H-Index (WoS): 3

H-Index (Scopus): 4