

Prof. ALİ MARDANI



Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: C-7860-2015

ScopusID: 58898851200

Yoksis Researcher ID: 366458



Education Information

Doctorate, Ege University, Faculty Of Engineering, İnşaat Mühendisliği Bölümü, Turkey
2011 - 2016

Postgraduate, Ege University, Faculty Of Engineering, İnşaat Mühendisliği Bölümü,
Turkey 2009 - 2011

Undergraduate, Islamic Azad University, Mühendislik Fakültesi/İNşaat Mühendisliği
Bölümü, Iran 2003 - 2008

Biography

He received his Bachelor's Degree from Orumiye Azad Islamic University, Master's and Doctorate Degrees from Ege University Civil Engineering Department. He won a scholarship provided by the Turkish Cement Manufacturers Association during his Ph. D. It has more than 170 publications including 95 SCI journal articles, 98 conference papers, and 2298 citations. In addition to the 1 TUBITAK 1001 (Scientific and Technological Research Council of Turkey) projects that he is still the executive, he took part in 9 different TUBITAK projects in total. In addition to the 6 BAP (Bursa Uludağ University Scientific Research Projects Centre) projects he is currently executing, he conducted a total of 27 BAP projects. From 2004 to 2006, he worked as Assistant Site Chief at Iran Shanlı Yol in Iran Orumiye, and as a Site Manager in the same company from 2006 to 2008. Since 2019, he has been working as an Associate Professor Doctor at Bursa Uludağ University, where he started working as an Assistant Professor Doctor in 2016. He continues his research in the fields of Concrete Technology, Material Science, Building Material, Concrete Durability, and Cement-Admixture Compatibility.

Foreign Languages

English, C1 Advanced

Persian, C1 Advanced

Dissertations

Doctorate, Portland çimentosu ve süperakışkanlaştırıcı katkı uyumunun incelenmesi, Ege University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2016

Postgraduate, Uçucu küllü silindirle sıkıştırılmış betonlarda dayanıklılık, Ege University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2011

Research Areas

Civil Engineering

Academic Titles / Tasks

Professor, Bursa Uludağ University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2024 - Continues

Associate Professor, Bursa Uludağ University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2019 - 2024

Assistant Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, İNŞAAT MÜHENDİSLİĞİ, 2016 - 2019

Academic and Administrative Experience

Manager of Research and Application Center, Bursa Uludağ University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2024 - Continues

Faculty Board Member, Bursa Uludağ University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2022 - Continues

Head of Department, Bursa Uludağ University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2022 - 2025

Head of Department, Bursa Uludağ University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2020 - 2022

Head of Department, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, İNŞAAT MÜHENDİSLİĞİ, 2016 - 2020

Courses

DOKTORA UZMANLIK ALAN DERSİ VI, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

BETON TEKNOLOJİSİ, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

TEZ DANIŞMANLIĞI IV, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

TEZ DANIŞMANLIĞI II, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

DOKTORA UZMANLIK ALAN DERSİ VIII, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

TEZ DANIŞMANLIĞI II, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

YÜKSEK LİSANS UZMANLIK ALAN DERSİ II, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

KİMYASAL KATKILAR, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

YÜKSEK LİSANS UZMANLIK ALAN DERSİ IV, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

YAPI MALZEMELERİ TESTLERİ, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

DOKTORA UZMANLIK ALAN DERSİ II, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

ÖZEL BETONLAR, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

DOKTORA UZMANLIK ALAN DERSİ IV, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

YAPI MALZEMESİ, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

BİTİRME TEZİ, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

TEZ DANIŞMANLIĞI IV, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

TEZ DANIŞMANLIĞI VI, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

BETON DURABİLİTESİ, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

BETONUN BOYUTSAL KARARLIĞI, Doctorate, 2024 - 2025, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Çimentolu Sistemlerin Mikro Yapısı, Doctorate, 2024 - 2025, 2021 - 2022, 2020 - 2021, 2019 - 2020

YÜKSEK LİSANS UZMANLIK ALAN DERSİ III, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

TEZ DANIŞMANLIĞI V, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

DOKTORA UZMANLIK ALAN DERSİ V, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Çimentolu Sistemlerin Reolojik Özellikleri, Doctorate, 2024 - 2025, 2021 - 2022, 2020 - 2021

YÜKSEK LİSANS UZMANLIK ALAN DERSİ I, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

TEZ DANIŞMANLIĞI I, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

DOKTORA UZMANLIK ALAN DERSİ VII, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

İLERİ BETON TEKNOLOJİSİ, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Fars Dili ve Edebiyatı, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

TEZ DANIŞMANLIĞI III, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

DOKTORA UZMANLIK ALAN DERSİ I, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

DOKTORA UZMANLIK ALAN DERSİ III, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

POLİMER MALZEMELERE GİRİŞ, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

TEZ DANIŞMANLIĞI III, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

TASARIM PROJESİ, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023

TEZ DANIŞMANLIĞI I, Doctorate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

MALZEME BİLİMİ, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

DENEYSEL TASARIM, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Advising Theses

Şenkal Sezer F., Mardani A., Cephe Paneli Üretimi İçin İleri Fiziko-Mekanik Özelliklere Sahip Sürdürülebilir Hafif Beton

Karışımların Geliştirilmesi, Doctorate, H.ELİF(Student), 2024

Mardani A., Yüksek Oranda Uçucu Kül İçeren Silindire Sikiştirilmiş Betonlarda Katmanlar Arası Soğuk Derz Oluşumunun İncelenmesi, Doctorate, S.Husein(Student), 2023

Mardani A., Su Azaltıcı Katkı Zincir Uzunluklarının Farklı C3A İçeriğine Sahip Çimentolu Sistemlerin Davranışına Etkisi, Doctorate, V.Kobyay(Student), 2023

Mardani A., Su Azaltıcı Katkı Anyonik Monomer Değişiminin Farklı C3A İçeriğindeki Çimentolu Sistemlerin Davranışına Etkisi, Doctorate, K.Karakuzu(Student), 2023

Mardani A., İnan Sezer G., ÜRE KULLANIMININ ÇİMENTO ESASLI HARÇLARIN BAZI ÖZELLİKLERİNE ETKİSİ, Postgraduate, N.ÇAPAROĞLU(Student), 2023

Mardani Aghabaglou A., Farklı Tip Klinker Öğütme Kolaylaştırıcı Katkı Kullanımının Çimentolu Sistemlerin Özelliklerine Etkisi, Postgraduate, Y.KAYA(Student), 2022

Mardani Aghabaglou A., METAKAOLİN İÇEREN FARKLI C3A İÇERİĞİNE SAHİP ÇİMENTOLU SİSTEMLERİN TİKSOTROPİK ÖZELLİKLERİNİN ARAŞTIRILMASI, Postgraduate, Ö.BİRİCİK(Student), 2022

Mardani Aghabaglou A., Geri Dönüştürülmüş Beton Agregalarının Yol Temel ve Alttemel Tabakalarında Kullanılabilirliğinin Araştırılması, Postgraduate, B.AYTEKİN(Student), 2021

Mardani Aghabaglou A., FARKLI YÜZEY AKTİF KİMYASAL MADDESİ İÇEREN POLİKARBOKSİLAT ESASLI SU AZALTICI KATKI KULLANIMININ ÇİMENTOLU SİSTEMLERİN ÖZELLİKLERİNE ETKİSİ, Postgraduate, A.EMİN(Student), 2021

Mardani Aghabaglou A., YÜKSEK ORANDA SU AZALTICI KATKI KİMYASAL YAPISININ UÇUCU KÜL İÇEREN ÇİMENTOLU SİSTEMLERİN ÖZELLİKLERİNE ETKİSİ, Doctorate, M.GÖKHAN(Student), 2021

Mardani Aghabaglou A., Effect of macro synthetic polypropylene fiber utilization on some fresh and hardened properties of concrete mixtures, Postgraduate, M.RAHMAN(Student), 2020

Mardani Aghabaglou A., Effect of utilization of air entraining and mineral admixtures on transport properties and freeze-thaw resistance of cementitious systems, Postgraduate, E.GEVEN(Student), 2019

Mardani A., Effect of high range water reducing admixture properties on behaviour of cementitious system, Doctorate, S.ÖZEN(Student), 2019

MARDANI AGHABAGLOU A., Effect of shape and size of concrete specimen on strength of concrete mixture in the absence and presence of fiber, Postgraduate, S.HUSEIN(Student), 2018

MARDANI AGHABAGLOU A., Effect of utilization of drying-shrinkage reducing admixture and fiber on fresh state, mechanical and some durability properties of cementitious systems, Postgraduate, M.İLHAN(Student), 2018

Mardani Aghabaglou A., Effect of utilization of fiber on the properties of self consolidating concrete, Postgraduate, H.AMIDOU(Student), 2018

Mardani Aghabaglou A., Effect of permeability reducing admixtures on fresh and hardened state properties of cementitious systems containing mineral admixture, Postgraduate, A.NEMATZADEH(Student), 2018

MARDANI AGHABAGLOU A., Effect of polycarboxylate based water reducing admixture anionic monomer change on the fresh state properties of cement paste and mortar mixtures, Postgraduate, M.BAYAR(Student), 2017

Jury Memberships

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, August, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi, July, 2023

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, June, 2023

Doctorate, Doctorate, Bursa Uludağ Üniversitesi, April, 2023

Doctorate, Doctorate, Bursa Uludağ Üniversitesi, April, 2023

Doctorate, Doctorate, Bursa Uludağ Üniversitesi, March, 2023

Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, March, 2023

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Bursa Uludağ Üniversitesi, February, 2023

Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, January, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,

October, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,
October, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,
October, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,
October, 2022

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, September, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Bursa Uludağ Üniversitesi,
September, 2022

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, August, 2022

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, January, 2022

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, January, 2022

Doctorate, Doctorate, Bursa Uludağ Üniversitesi, December, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,
September, 2021

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, September, 2021

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, September, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,
September, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,
September, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,
September, 2021

Post Graduate, Post Graduate, Bayburt Üniversitesi, July, 2021

Post Graduate, Post Graduate, Bayburt Üniversitesi, July, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,
March, 2021

Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, March, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,
March, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,
March, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,
March, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,
March, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,
March, 2021

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, March, 2021

Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, December, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,
December, 2020

Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, December, 2020

Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, December, 2020

Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, December, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi,
December, 2020

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, September, 2020

Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, September, 2020

Doctorate, Doctorate, Bursa Uludağ Üniversitesi, May, 2020

Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, March, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi, March, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi, March, 2020
Post Graduate, Post Graduate, Balıkesir Üniversitesi, January, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi, December, 2019
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi, December, 2019
Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, October, 2019
Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, September, 2019
Post Graduate, Post Graduate, Bursa Teknik Üniversitesi, July, 2019
Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, July, 2019
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi, March, 2019
Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, March, 2019
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi, March, 2019
Post Graduate, Post Graduate, Düzce Üniversitesi, January, 2019
Post Graduate, Post Graduate, Çanakkale Onsekiz Mart Üniversitesi, January, 2019
Post Graduate, Post Graduate, Düzce Üniversitesi, January, 2019
Post Graduate, Post Graduate, Çanakkale Onsekiz Mart Üniversitesi, January, 2019
Post Graduate, Post Graduate, Çanakkale Onsekiz Mart Üniversitesi, January, 2019
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi, December, 2018
Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, September, 2018
Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, June, 2018
Post Graduate, Post Graduate, Ege Üniversitesi, June, 2018
Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, May, 2018
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Bursa Uludağ Üniversitesi, March, 2018
Post Graduate, Post Graduate, Bursa Uludağ Üniversitesi, September, 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Enhancing strength and durability of recycled fine aggregate mixtures using steel fibers, silica fume, and latex polymers**
MARDANI A., Şahin H. G., Kaya Y., Mardani N., Assaad J. J., El-Hassan H.
Developments in the Built Environment, vol.21, 2025 (SCI-Expanded)
- II. **Impact of PCE-based grinding aids on hydration kinetics in fly ash substituted systems: Influence of pH and dosage**
Kaya Y., Kobya V., Kaya Y., MARDANI A.
CONSTRUCTION AND BUILDING MATERIALS, vol.458, 2025 (SCI-Expanded)
- III. **Effect of interlayer cold joint on mechanical properties and permeability of roller compacted concrete**
Bayqra S. H., Ozen S., MARDANI A., Ramyar K.
FRONTIERS OF STRUCTURAL AND CIVIL ENGINEERING, 2025 (SCI-Expanded)
- IV. **Effect of shear rate and duration change on the rheological properties of cementitious systems having different C3A content**

Biricik Altun Ö., Sahin H. G., Mardani A.

Structures, vol.71, 2025 (SCI-Expanded)

- V. **Improving fire resistance of lightweight concrete facade elements by using fibers**
Beytekin H. E., Kaya Y., Mardani A., Sezer F.
ARCHIVES OF CIVIL AND MECHANICAL ENGINEERING, no.2, 2025 (SCI-Expanded)
- VI. **Influence of Grinding Aids on the Grinding Performance and Rheological Properties of Cementitious Systems**
Kaya Y., Şahin H. G., Mardani N., MARDANI A.
Materials, vol.17, no.21, 2024 (SCI-Expanded)
- VII. **Effect of Variations in Aggregate Ratios on the Fresh, Hardened, and Durability Properties of Self-Compacting Concrete**
Kaya Y., Beytekin H. E., MARDANI A.
Materials, vol.17, no.22, 2024 (SCI-Expanded)
- VIII. **Effect of graphene oxide-coated jute fiber on mechanical and durability properties of concrete mixtures**
Özen S., Benlioğlu A., MARDANI A., Altun Y., Bedeloğlu A.
Construction and Building Materials, vol.448, 2024 (SCI-Expanded)
- IX. **Effect of fiber type, size, and utilization rate on mechanical and thermal properties of lightweight concrete facade panels**
Beytekin H. E., Kaya Y., Mardani A., Sezer F.
STRUCTURAL CONCRETE, vol.25, no.5, pp.3824-3840, 2024 (SCI-Expanded)
- X. **Effect of PCE anionic charge density on fly ash cementitious system-PCE compatibility**
Karakuzu K., Kobya V., Mardani A., Felekoğlu B., Ramyar K.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.38, pp.1-18, 2024 (SCI-Expanded)
- XI. **Innovative lightweight concrete: effect of fiber, bacteria and nanomaterials**
Beytekin H. E., Altun Ö., Mardani A., Sezer F.
IRANIAN POLYMER JOURNAL, vol.33, no.9, pp.1327-1350, 2024 (SCI-Expanded)
- XII. **Effect of the Kahramanmaraş earthquake on standing water tanks in the Adana region and buildings in Hatay-Antakya**
MARDANI A., Gizem Şahin H., Kaya Y.
Engineering Science and Technology, an International Journal, vol.55, 2024 (SCI-Expanded)
- XIII. **Effect of Grinding Conditions on Clinker Grinding Efficiency: Ball Size, Mill Rotation Speed, and Feed Rate**
Kaya Y., Kobya V., Mardani A., Mardani N., Beytekin H. E.
BUILDINGS (BASEL), vol.14, no.8, pp.1-22, 2024 (SCI-Expanded)
- XIV. **Evaluation of action mechanism, mix design and some properties of photocatalytic concrete**
Şahin H. G., Mardani A.
Journal of Sustainable Cement-Based Materials, vol.13, pp.1-20, 2024 (SCI-Expanded)
- XV. **Effect of Recycled Concrete Aggregate Utilization Ratio on Thermal Properties of Self-Cleaning Lightweight Concrete Facades**
Beytekin H. E., Sahin H. G., MARDANI A.
SUSTAINABILITY, vol.16, no.14, 2024 (SCI-Expanded)
- XVI. **Role of Anionic Group of Methylallyl Ether-Based PCEs on Behavior of Cementitious Systems with Various C3A Contents**
Karakuzu K., Kobya V., MARDANI A., FELEKOĞLU B., Ramyar K.
Journal of Materials in Civil Engineering, vol.36, no.7, 2024 (SCI-Expanded)
- XVII. **Performance Requirements and Optimum Mix Proportion of High-Volume Fly Ash 3D Printable Concrete**
Sahin H. G., MARDANI A., Mardani N.
BUILDINGS, vol.14, no.7, 2024 (SCI-Expanded)
- XVIII. **Effect of nano-TiO₂ size and utilization ratio on the performance of photocatalytic concretes; self-**

cleaning, fresh, and hardened state properties

Şahin H. G., Temel M., Koçak G., MARDANI A., KARA A.

Environmental Science and Pollution Research, vol.31, no.25, pp.37109-37124, 2024 (SCI-Expanded)

- XIX. **Improving Thermal and Mechanic Performance of Sustainable Lightweight Concrete Facade Panels: In Terms of Aggregate Type**
Beytekin H. E., Kaya Y., Mardani A., Şenkal Sezer F.
JOURNAL OF GREEN BUILDING, vol.19, no.4, 2024 (AHCI)
- XX. **Evaluation of fresh state, rheological properties, and compressive strength performance of cementitious system with grinding aids**
Kaya Y., Kobya V., MARDANI A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.141, no.15, 2024 (SCI-Expanded)
- XXI. **Rheological Properties and Thixotropic Behavior of Cementitious Systems Containing Different Fiber Types**
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Ksce Journal Of Civil Engineering, Journal Indexed in SCI-E, June 2016
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JOURNAL OF BUILDING ENGINEERING, Journal Indexed in AHCI, June 2015
Construction And Building Materials, Journal Indexed in SCI-E, June 2012

Scientific Consultations

TÜBİTAK, Project Consultancy, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, İNŞAAT MÜHENDİSLİĞİ, Turkey, 2017 - 2019

Metrics

Publication: 271
Citation (WoS): 2182
Citation (Scopus): 2485
H-Index (WoS): 27
H-Index (Scopus): 28

Scholarships

TÜBİTAK 1001 PROJESİ-Çimento İle Stabilize Edilen Kil Zeminin Sodyum ve Magnezyum Sülfatlı Çözeltiler Etkisinde Davranışı, TUBİTAK, 2014 - 2015
TÜBİTAK 1001 PROJESİ-Alkali Agrega Reaksiyonu Performans Test Metotlarının Geliştirilmesi, TUBİTAK, 2011 - 2013

Awards

Mardani A., TÜBA-Üstün Başarılı Genç Bilim İnsanı Ödülleri (GEBİP), Türkiye Bilimler Akademisi (Tüba), December 2024
Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 598198), Tubitak , December 2023
Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 514601), Tübitak, December 2023
Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 552325), Tubitak , December 2023
Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 566694), Tubitak , December 2023
Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 566692), Tubitak , December 2023
Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 514595), Tübitak, December 2023
Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 569987), Tubitak , December 2023
Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 514592), Tübitak, December 2023
Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 514602), Tubitak , December 2023
Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 514587), Tübitak, December 2023
Mardani A., TÜBİTAK Yayın Teşvik Ödülü (B. No: 510946), Tübitak, November 2022
Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 511005), Tubitak , October 2022
Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 511436), Tubitak , October 2022
Mardani A., TÜBİTAK yayın teşvik ödülü (B. No: 510926), Tübitak, October 2022
Mardani Aghabaglou A., Bursa Uludağ Üniversitesi 2020 Yılı Bilim, Özel, Teşvik ve Hizmet Ödülleri kapsamında Teşvik ödülü, Bursa Uludağ Üniversitesi Rektörlüğü, December 2021

Mardani Aghabaglou A., TÜBİTAK yayın teşvik ödülü (B. No: 478352), Tübitak , July 2021
Mardani Aghabaglou A., TÜBİTAK yayın teşvik ödülü (B. No: 478346), Tübitak, July 2021
Mardani Aghabaglou A., TÜBİTAK yayın teşvik ödülü (B. No: 467931), Tübitak, May 2021
Mardani Aghabaglou A., TÜBİTAK yayın teşvik ödülü (B. No: 467934), Tübitak, May 2021
Mardani Aghabaglou A., TÜBİTAK yayın teşvik ödülü (B. No: 452840), Tübitak, September 2020
Mardani Aghabaglou A., TÜBİTAK yayın teşvik ödülü (B. No: 452838), Tübitak, September 2020
Mardani Aghabaglou A., TÜBİTAK yayın teşvik ödülü (B. No: 452844), Tübitak, September 2020
Mardani Aghabaglou A., TÜBİTAK yayın teşvik ödülü (B. No: 452847), Tübitak, September 2020
Mardani Aghabaglou A., TÜBİTAK yayın teşvik ödülü (B. No: 441298), Tübitak, June 2020
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK (B. No: 406900) ÖDÜLÜ , Tübitak, November 2019
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 344759) , Tübitak, October 2019
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 340551) , Tübitak, September 2019
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 354260) , Tübitak, July 2019
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 325773) , Tübitak, June 2019
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 368326) , Tübitak, June 2019
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 370872) , Tübitak, June 2019
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 304413) , Tübitak, May 2019
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK (B. No: 406904) ÖDÜLÜ , Tübitak, May 2019
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 292867) , Tübitak, May 2019
Mardani Aghabaglou A., Bursa Uludağ Üniversitesi 2017 Yılı Akademik Başarı Ödülleri, Bursa Uludağ Üniversitesi Rektörlüğü, March 2019
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 406896), Tübitak, September 2018
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 352095) , Tübitak, September 2018
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 366436) , Tübitak, June 2018
Mardani Aghabaglou A., Uludağ Üniversitesi 2016 Yılı Akademik Başarı Ödülleri, Bursa Uludağ Üniversitesi Rektörlüğü, January 2018
Mardani Aghabaglou A., Bilim İnsanı Araştırma Projesi Yayın Teşvik , Uludağ Üniversitesi Bap Projesi, July 2017
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 406296), Tübitak, June 2017
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 390284), Tübitak, February 2016
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 292865), Tübitak, June 2015
Mardani Aghabaglou A., TÜBİTAK YAYIN TEŞVİK ÖDÜLÜ (B. No: 370864) , Tübitak, June 2014

Non Academic Experience

Company, İran Şanlı Yol , Denetim