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International Researcher IDs

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Publons / Web Of Science ResearcherID: H-2362-2019

ScopusID: 56104987900

Education Information

Doctorate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, İnşaat Müh. Anabilim Dalı/Yapıprogramı, Turkey 2014 - 2020

Postgraduate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, İnşaat Müh. Anabilim Dalı/Mekanik Programı, Turkey 2011 - 2014

Undergraduate, Erciyes University, Mühendislik Fakültesi, İnşaat Müh. Bölümü, Turkey 2007 - 2011

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Investigation of the effect of recycled aggregate use on the concrete properties, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, -, 2020

Postgraduate, Geri kazanılmış agregalı betondan üretilen bir konsol kirişin mekanik davranışının incelenmesi, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, İnşaat Müh. Anabilim Dalı/Mekanik Programı, 2014

Research Areas

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

Academic Titles / Tasks

Research Assistant PhD, Van Yüzüncü Yıl University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2020 - Continues

Research Assistant, Yıldız Technical University, Faculty Of Civil Engineering, Civil Engineering Department, 2012 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Mineral Addition and Mixing Methods Effect on Recycled Aggregate Concrete**
Dilbas H., GÜNEŞ M. Ş.
MATERIALS, vol.14, no.4, 2021 (SCI-Expanded)
- II. **An experimental investigation on fracture parameters of recycled aggregate concrete with optimized ball milling method**
Dilbas H., Çakır Ö., Yildirim H.
CONSTRUCTION AND BUILDING MATERIALS, vol.252, 2020 (SCI-Expanded)
- III. **Experimental investigation on properties of recycled aggregate concrete with optimized Ball Milling Method**
Dilbas H., Çakır Ö., Atiş C. D.
Construction and Building Materials, vol.212, pp.716-726, 2019 (SCI-Expanded)
- IV. **Silica fume effect on fracture parameters and cracking pattern maps of recycled aggregate concrete**
Çakır Ö., Dilbas H.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.34, pp.137-154, 2019 (SCI-Expanded)
- V. **Recycled Aggregate Concretes (RACs) for Structural Use: An Evaluation on Elasticity Modulus and Energy Capacities**
Dilbas H., Çakır Ö., Simsek M.
INTERNATIONAL JOURNAL OF CIVIL ENGINEERING, vol.15, pp.247-261, 2017 (SCI-Expanded)
- VI. **An investigation on mechanical and physical properties of recycled aggregate concrete (RAC) with and without silica fume**
Dilbas H., Simsek M., Çakır Ö.
CONSTRUCTION AND BUILDING MATERIALS, vol.61, pp.50-59, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **A comparative analysis of elasticity modulus of recycled aggregate concrete with silica fume**
Çakır Ö., Dilbas H.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.24, no.6, pp.1069-1078, 2018 (ESCI)
- II. **Fracture and Failure of Recycled Aggregate Concrete (RAC) – A Review**
DİLBAS H., Çakır Ö.
International Journal of Concrete Technology, vol.1, no.1, pp.31-48, 2015 (Peer-Reviewed Journal)
- III. **Beton Mukavemet Deneyleri Değerlendirmesi için Bir İstatistiksel Çalışma**
DİLBAS H., Erkalıç H., Saraylı S., Haktanır T.
Yapı Dünyası Dergisi, no.178, pp.25-31, 2011 (Non Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Kırılcı Tipinin Ve Silis Dumanının Geri Kazanılmış Agregalı Betona Etkisi**
DİLBAS H., Çakır Ö.
10. Beton Kongresi, Bursa, Turkey, 02 May 2019, pp.330-337
- II. **Yapı Yıkıntı Atıklarının Geri Kazanımı - Terrazo Karo Üretimi**
Şahin İ., Çakır Ö., DİLBAS H.

10. Beton Kongresi, Bursa, Turkey, 02 May 2019, pp.592-600

III. GERİ KAZANILMIŞ AGREGALARIN MEKANİK ÖĞÜTME YÖNTEMİ İLE İYİLEŞTİRİLMESİ

DİLBAS H., ÇAKIR Ö.

Beton2017, İstanbul, Turkey, 13 - 14 April 2017

IV. Kentsel Dönüşüm Sonucu Oluşan Molozların Geri Dönüşümle Betonda Kullanımı – Silis Dumanı Katkılı Geri Kazanılmış Agregalı Betonlar

DİLBAS H., Simsek M., Cakir O.

9. Beton Kongresi, 01 April 2015

V. An approach for construction and demolition (C&D) waste disposal through concrete using silica fume

DİLBAS H., Çakır Ö., Şimşek M.

EurAsia Waste Management Symposium-2014, 01 April 2014

Supported Projects

ÇAKIR Ö., ATİŞ C. D., DİLBAS H., Project Supported by Higher Education Institutions, İyileştirme Uygulanmış Geri Kazanılmış Agregalı Kullanımının Beton Özelliklerine Etkisinin İncelenmesi, 2017 - 2019

Memberships / Tasks in Scientific Organizations

İMO, Member, 2011 - Continues

Metrics

Publication: 14

Citation (WoS): 250

Citation (Scopus): 370

H-Index (WoS): 4

H-Index (Scopus): 4

Congress and Symposium Activities

10. Beton Kongresi, Attendee, Bursa, Turkey, 2019

Beton İstanbul 2017 Hazır Beton Kongresi, Attendee, İstanbul, Turkey, 2017

9. Beton Kongresi, Attendee, Antalya, Turkey, 2015

EurAsia Waste Management Symposium-2014, Attendee, İstanbul, Turkey, 2014

Awards

DİLBAS H., DEMİREL Z. E., YTÜ AKADEMİK TEŞVİK ÖDÜLÜ, YILDIZ TEKNİK ÜNİVERSİTESİ, October 2018