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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: F-6597-2018

ScopusID: 57220511423

Yoksis Researcher ID: 17923

Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (Dr), Turkey 2007 - 2019

Postgraduate, Kocaeli University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (YI), Turkey 2004 - 2007

Undergraduate, Kocaeli University, İnşaat Mühendisliği Bölümü, Turkey 2000 - 2004

Dissertations

Doctorate, KÜKÜRT VE KÜKÜRT POLİMER BETONLARIN MEKANİK VE DAYANIKLILIK ÖZELLİKLERİNİN İNCELENMESİ, Kocaeli University, Fen Bilimleri Enstitüsü, 2019

Postgraduate, FRP ile güçlendirilmiş betonarme kirişlerin burulma davranışı, Kocaeli University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (YI), 2007

Research Areas

Materials in Civil Engineering, Concrete Technology, Composite materials, Applications of Insulation Materials

Academic Titles / Tasks

Assistant Professor, Kocaeli University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2023 - Continues

Research Assistant PhD, Kocaeli University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2019 - 2023

Research Assistant, Kocaeli University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2006 - 2019

Academic and Administrative Experience

Deputy Head of Department, Kocaeli University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2024 - Continues

Courses

Teknik Resim, Undergraduate, 2023 - 2024, 2022 - 2023
Yapı Malzemesi Laboratuvarı, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
Yapı Malzemesi Laboratuvarı, Undergraduate, 2022 - 2023
Malzeme Bilimi, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Yapı Elemanları Tasarımı II, Associate Degree, 2021 - 2022
İnşaat Mühendisliğinde Bilgisayar Destekli Tasarım, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
İnşaat Mühendisliğinde Bilgisayar Destekli Tasarım, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
İnşaat Makinaları, Undergraduate, 2021 - 2022, 2020 - 2021
İnşaat Makinaları, Undergraduate, 2021 - 2022, 2020 - 2021

Jury Memberships

Post Graduate, Post Graduate, Kocaeli Üniversitesi, February, 2024
Doctorate, Doctorate, Kocaeli Üniversitesi, February, 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **NO_x emission modeling at cement plants with co-processing alternative fuels using ANN**
Öztürk B., Öztürk O., Karademir A.
ENVIRONMENTAL ENGINEERING RESEARCH, vol.27, no.5, pp.1-7, 2022 (SCI-Expanded)
- II. **Long-term Durability of Bitumen Modified Sulfur Polymer Concrete Under Freeze-Thaw Cycles**
ÖZTÜRK O., ÖNER A.
INTERNATIONAL JOURNAL OF CIVIL ENGINEERING, vol.20, no.5, pp.529-543, 2022 (SCI-Expanded)
- III. **Strength and strain modeling of CFRP -confined concrete cylinders using ANNs**
ÖZTÜRK O.
COMPUTERS AND CONCRETE, vol.27, no.3, pp.225-239, 2021 (SCI-Expanded)
- IV. **Estimation of ultimate torque capacity of the SFRC beams using ANN**
Engin S., Öztürk O., Okay F.
STRUCTURAL ENGINEERING AND MECHANICS, vol.53, no.5, pp.939-956, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Comparison of Design Guidelines for Relationship of Sulfur Polymer Concrete Compressive Strength and Modulus of Elasticity**
ÖZTÜRK O., ÖNER A., KARADENİZ M.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.27, no.3, pp.387-397, 2023 (Peer-Reviewed Journal)
- II. **Investigation of the use of sulfur polymer concrete in paving stone production**
Öztürk O., Öner A.
Journal of innovative engineering and natural science (Online), vol.4, no.1, pp.73-83, 2023 (Peer-Reviewed Journal)
- III. **Investigation of Compressive Behavior of Concrete Exposed to Fire Strengthened with GFRP**
Öztürk O., Öner A., Temiz T., Çetintaş K.
Disaster Science and Engineering, vol.8, no.2, pp.40-51, 2022 (Peer-Reviewed Journal)
- IV. **EFFECT of LOW-PRESSURE SULFUR INJECTION on UNCONFINED COMPRESSIVE STRENGTH**
Karadeniz M., Öztürk O., Kara Z. E., Opan M.
Kırklareli Üniversitesi Mühendislik ve Fen Bilimleri Dergisi, vol.8, no.2, pp.322-342, 2022 (Peer-Reviewed Journal)
- V. **Investigation of Long Term Mechanical Properties of Sulphur Polymer Concrete and Comparison**

with Portland Cement Concrete

Öztürk O., Öner A.

Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.3, pp.1252-1262, 2020 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **KÜKÜRT POLİMER BETONLARIN SU GEÇİRİMLİLİK ÖZELLİKLERİNİN İNCELENMESİ**
Öztürk O., Öner A.
BETON 2023 Hazır Beton Kongresi, İstanbul, Turkey, 8 - 10 November 2023, pp.1-10
- II. **Compressive strength of sulfur polymer concretes in comparison with Portland cement concretes**
Öztürk O., Öner A.
ACE 2020-21 14th INTERNATIONAL CONGRESS ON ADVANCES IN CIVIL ENGINEERING, İstanbul, Turkey, 6 - 08 September 2021, pp.35-42
- III. **KENDİLİĞİNDEN YERLEŞEN BETONLARDA İNCE AGREGA ile YÜKSEK FIRIN CÜRUFUNUN BELLİ ORANLARDA İKAME ETTİRİLMESİYLE ELDE EDİLEN BETONLARIN MEKANİK ÖZELLİKLERİNİN İNCELENMESİ**
Ünlü R., Öner A., Öztürk O.
5th International Congress on Engineering, Architecture and Design, İstanbul, Turkey, 21 - 22 December 2019
- IV. **KENDİLİĞİNDEN YERLEŞEN BETONLARDA ÇİMENTO ile YÜKSEK FIRIN CÜRUFUNUN YÜKSEK ORANLARDA YER DEĞİŞTİRMESİNİN BETONUN FİZİKSEL ve MEKANİK ÖZELLİKLERİNE ETKİSİ**
MOLLAİSMAİLOĞLU A., ÖZTÜRK O., ÖNER A.
ISITES 2019-7th International Symposium on Innovative Technologies in Engineering and Science, Şanlıurfa, Turkey, 22 - 24 November 2019
- V. **EFFECT OF CURING CONDITION ON THE MECHANICAL PROPERTIES OF SELFCOMPACTING METAKAOLIN BLEND CONCRETE**
Senel C., Öztürk O., Akçay Aldanmaz B.
ACE 2016 12th INTERNATIONAL CONGRESS ON ADVANCES IN CIVIL ENGINEERING, İstanbul, Turkey, 21 - 23 September 2016
- VI. **Effect of Steel Fiber Additive on Adherence Strength of Normal and High Strength Concrete**
Engin S., Öztürk O., Öner A., Üretürk B.
Prof. Dr. Hasan Boduroğlu Sempozyumu, İstanbul, Turkey, 9 - 10 May 2016, pp.229-236
- VII. **EFFECT of ADDITION of STEEL FIBER TO BONDING STRENGTH of CONCRETE**
ENGİN S., ÖZTÜRK O., ÖNER A., ÜRETÜRK B.
INTERNATIONAL SYMPOSIUM ON NATURAL HAZARDS AND HAZARD MANAGEMENT-2016, Karabük, Turkey, 2 - 04 March 2016, pp.222-226
- VIII. **The Effect of High Temperature on the Flexural Strength of the Mortars Containing Colemanite**
Öztürk O., Engin S., Öner A., Güzide B. Ç.
International Symposium on Natural Hazards and Hazard Management, Karabük, Turkey, 2 - 04 March 2016, pp.216-221
- IX. **DETERMINATION of the COMPRESSIVE STRENGTH of F CLASS FLY ASH PARTIAL REPLACED CONCRETE by USING ARTIFICIAL NEURAL NETWORK**
ÖZTÜRK O., ÖNER A.
ACE-2014 11th INTERNATIONAL CONGRESS ON ADVANCES IN CIVIL ENGINEERING, İstanbul, Turkey, 21 - 25 October 2014
- X. **Predicting of the Compressive and Flexural Strength of Ground Granulated Blast Furnace Slag Concrete by Using Artificial Neural network**
Öztürk O., Engin S., Temiz T., Opan M., Öner A.
9th International Congress on Advances in Civil Engineering (ACE 2010), Trabzon, Turkey, 27 - 30 September 2010, pp.1-9
- XI. **İNŞAAT İŞLERİNDE MEYDANA GELEN KAZALARIN SEBEP ve SONUÇLARININ İRDELENMESİ**

Engin S., Öztürk O., Öner A.

İş Sağlığı ve Güvenliği Sempozyumu, Sakarya, Turkey, 13 - 14 November 2009, pp.120-128

XII. Yield-Capacity-Risk Relationships for a Reservoir in an Earthquake

OPAN M., TEMİZ T., ÖZTÜRK O.

INTERNATIONAL EARTHQUAKE SYMPOSIUM, Kocaeli, Turkey, 17 August 2009, pp.385-390

XIII. Determination of Relationships Between Deflection and Safety Factors for a Concrete Gravity Dam in Earthquake

Öztürk O., Opan M., Temiz T.

INTERNATIONAL EARTHQUAKE SYMPOSIUM, Kocaeli, Turkey, 17 - 19 August 2009, pp.199-207

XIV. Fire Performance of Chemical Admixtures In Cement Mortars

Öner A., Öztürk O., Engin S.

International Earthquake Symposium, Kocaeli, Turkey, 17 - 19 August 2009, pp.398-405

XV. Effect of Addition of Steel Fibers on Cracking Load of Reinforced Concrete Beams Under the Effect of Torsion

Öner A., Öztürk O., Engin S.

International Earthquake Symposium, Kocaeli, Turkey, 17 - 19 August 2009, pp.391-397

XVI. Historic Kocaeli Prosecutor's Office Building Analysis and Strengthening

Çukdar A., Meydanlı Atalay H., Akpınar E., Engin S., Öztürk O., Okay F., Özden Ş.

Yapısal Onarım ve Güçlendirme Sempozyumu (YOGS 2006), Denizli, Turkey, 7 - 08 December 2006, pp.1-9

Other Publications

I. February 6, 2023 Kahramanmaraş (Pazarcık Mw:7.7 and Elbistan Mw:7.6) Earthquakes Field Investigation Report, Kocaeli University Foundation Publications, ISBN: 978-605-71873-3-81

Sertçelik F., Opan M., Ulutaş E., Irmak T. S., Tunç B., Akpınar E., Meydanlı Atalay H., Engin S., Temiz T., Öztürk O., et al. Technical Report, pp.1-99, 2023

Supported Projects

ÖNER A., ENGİN S., ÜRETÜRK B., ÖZTÜRK O., Project Supported by Higher Education Institutions, Lif Katkılı Betonların Burulma, Arderans Dayanımı ve Mekanik Özelliklerinin Lif İçeriğinin Göre Değişiminin İncelenmesi, 2008 - 2010

Contractual Researches

Opan M., Engin S., Öztürk O., Kocaeli University Technopark Inc. & Knauf Construction Building Elements Industry and Trade Inc., Modeling, Establishment and Development of a Holistic Performance Management System for Increasing Organizational Agility, 2023 - 2024

Opan M., Engin S., Meydanlı Atalay H., Öztürk O., Kocaeli University Technopark Inc. & Kocaeli Metropolitan Municipality, Creating Building Stock Inventory with Rapid Assessment Techniques , 2023 - 2024

Scientific Refereeing

INTERNATIONAL JOURNAL OF CIVIL ENGINEERING, Journal Indexed in SCI-E, May 2021

Metrics

Publication: 26

Citation (WoS): 18

Citation (Scopus): 18

H-Index (WoS): 2

H-Index (Scopus): 2

Awards

Duygun G., Türkmenoğlu Bayraktar N., Kutluca A. K., İnce O., Öztürk O., İzmir Büyükşehir Belediyesi İzmir
Sürdürülebilirlik Merkezi (S-Hub) Mimari Proje Yarışması, İzmir Büyükşehir Belediyesi , October 2023