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Education

Doctorate, Manisa Celal Bayar University, Fen Bilimleri Enstitüsü, Turkey 2021 - Present
Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Turkey 2018 - 2021
Undergraduate, Dokuz Eylul University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 2011 - 2016

Research Areas

Avesis Research Areas: Civil Engineering
WoS Research Areas: Construction & Building Technology, Materials Science Composites
Scopus Research Areas: Civil and Structural Engineering

Academic Positions

Research Assistant, Manisa Celal Bayar University, Mühendislik Ve Doğa Bilimleri Fakültesi, İnşaat Mühendisliği, 2019 - Present

Articles

I. **Investigation of Cement Mortars Added Silicon Carbide Under Various Hydrochloric Acid Exposure Conditions**
ÇANKAL D., Henriques J., Ruttens B., ÖZTÜRK A. U., D'Haen J., ALTINTAŞ G.
Silicon, vol.17, no.17, pp.3783-3794, 2025 (SCI-Expanded, Scopus)

II. **Mechanical properties of *Acropora cervicornis* aragonite skeleton by using multiscale models based on micro-CT data**
ALTINTAŞ G., ÇANKAL D., Kilic G., ERGUN S.
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IV. **An Investigation of the Usage of Glass Wastes in Cement Mortars Using Full Factorial Design**
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V. **A criticism on strengthening glued laminated timber beams with fibre reinforcement polymers, numerical comparisons between different modelling techniques and strengthening configurations**
ÇANKAL D., ŞAKAR G., Çelik H. K.
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Books

I. **Endüstriyel ve Kentsel Dönüşüm Atıklarının Döngüsel Ekonomi Açısından İnşaat Sektörüne Faydaları**
KAPLAN G., ÇANKAL D., ÖZTÜRK A. U.
in: Döngüsel Ekonomi-Makro ve Mikro İncelemeler, Doç.Dr. Ferhan SAYIN, Editor, Nobel Yayınevi, pp.523-563, 2020

Papers Presented at Peer-Reviewed Scientific Conferences

I. **DURABILITY PROPERTIES OF CEMENT MORTAR COOPERATING WITH BASALT FIBERS**
ÇANKAL D., ÖZTÜRK A. U.
7th International Symposium on Academic Studies in Science, Engineering and Architecture Sciences November 15-17, 2019, Ankara, Turkey, Ankara, Turkey, 15 - 17 November 2019, (Full Text)

II. **OPTIMIZATION OF DURABILITY CHARACTERISTICS OFWHITE CEMENT MORTARS**
ÖZTÜRK A. U., KAPLAN G., ÇANKAL D.
7th International Symposium on Academic Studies in Science, Engineering and Architecture Sciences November 15-17, 2019, Ankara, Turkey, Ankara, Turkey, 15 - 17 November 2019, (Full Text)

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