

Res. Asst. Ömer Can ÖZEN

Personal Information

Office Phone: [+90 212 383 5247](tel:+902123835247)

Email: omer.ozen@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/omer.ozen>

International Researcher IDs

ScholarID: 14002295798726145237

ORCID: 0009-0004-9773-2984

ScopusID: 58940426900

Yoksis Researcher ID: 374790

Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2024 - Continues

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2021 - 2024

Undergraduate, Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, Turkey 2017 - 2021

Dissertations

Postgraduate, Nano-silika katkısının sodyum karbonatla aktive edilmiş cüruf-reaktif MgO esaslı sistemlerin mekanik ve içyapı özellikleri üzerindeki etkileri, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, 2024

Research Areas

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

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, 2022 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- One-part sodium carbonate-activated slag/r-MgO based mixes: Influence of nano-silica incorporation on compressive strength and microstructural development**
Özen Ö. C., Oktay D., Aktürk B.
Construction and Building Materials, vol.422, 2024 (SCI-Expanded)

Kerereed Congress / Symposium Publications in Proceedings

- I. **Influence of Recycled Concrete Aggregate Substitution with Sand as Fine Aggregate on the Physical and Mechanical Properties of Na₂CO₃-Activated Slag/Reactive MgO Based Systems**
Özen Ö. C.
International Conference on Civil and Mechanical Engineering (ICCME-24), Edinburgh, England, 8 - 09 October 2024, pp.32-41
- II. **Improvement of rheological properties and printability of sodium-carbonate activated slag-based systems**
Ertuğrul O., Özen Ö. C., Oktay D., Yazar T., Aktürk B.
4th RILEM International Conference on Concrete and Digital Fabrication (Digital Concrete 2024) , Munich, Germany, 4 - 06 September 2024, pp.1-2
- III. **SODYUM KARBONATLA AKTİVE EDİLMİŞ REAKTİF MgO/CÜRUF ESASLI SİSTEMLERİN REOLOJİK ÖZELLİKLERİ VE BASINÇ DAYANIMLARI**
Ertuğrul O., Özen Ö. C., Oktay D., Aktürk B.
BETON 2023 Hazır Beton Kongresi, İstanbul, Turkey, 08 November 2023, pp.519-529
- IV. **Effect of Reactive MgO Substitution on Strength Development and Microstructure Properties of Sodium Carbonate Activated Slag-Based Systems**
Özen Ö. C., Oktay D., Aktürk B.
15th International Congress on Advances in Civil Engineering, Gazimagusa, Cyprus (Kkct), 6 - 08 September 2023, pp.121-130

Supported Projects

OKTAY D., YEŞİLYURT İ., UYSAL M., YÜZER N., GÜLGEN F., CANPOLAT O., ACAR U., SARI ERKAN H., ÖZDOĞRU E., ÖZEN Ö. C., et al, Project Supported by Higher Education Institutions, Müsilajdan Elde Edilecek Bakteriler ile Kendi Kendini Onaran Nano Kil Katkılı Geopolimer Malzemelerin 3B Baskı Yöntemi ile Üretilirliğinin Araştırılması, 2024 - Continues

OKTAY D., ÖZEN Ö. C., AKTÜRK B., Project Supported by Higher Education Institutions, Nano-Silika Katkısının Sodyum Karbonatla Aktive Edilmiş Cüruf-Reaktif MgO Esaslı Sistemlerin Mekanik ve İyapı Özellikleri Üzerindeki Etkileri, 2023 - 2024

Metrics

Publication: 5