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International Researcher IDs

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Education Information

Doctorate, İstanbul University-Cerrahpaşa, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 2016 - 2021

Dissertations

Doctorate, Farklı tür mineral katkıların uçucu kül tabanlı geopolimer harçların mekanik ve durabilite özelliklerine etkisi, İstanbul University-Cerrahpaşa, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2021

Courses

TEZE GİRİŞ VE SEMİNER, Postgraduate, 2022 - 2023

Yapı statığı ve mukavemet, Undergraduate, 2022 - 2023

SEMİNER (INF687), Doctorate, 2022 - 2023

BİLGİSAYAR DESTEKLİ TEKNİK RESİM, Undergraduate, 2022 - 2023

YAPI MALZEMELERİNDE ÖZEL KONULAR, Postgraduate, 2022 - 2023

BİLİMSEL ARAŞTIRMA TEKNİKLERİ (FBE590), Postgraduate, 2022 - 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Influence of various fibers on the physico-mechanical properties of a sustainable geopolimer mortar-based on metakaolin and slag**
Ziada M., ERDEM S., Alonso González-Lezcano R., Tammam Y. M., Unkar İ.
Engineering Science and Technology, an International Journal, vol.46, 2023 (SCI-Expanded)
- II. **Durability properties of fly ash-based geopolimer mortars with different quarry waste fillers**
Tammam Y. M., UYSAL M., CANPOLAT O.
Computers and Concrete, vol.29, no.5, pp.335-346, 2022 (SCI-Expanded)
- III. **Effects of alternative ecological fillers on the mechanical, durability, and microstructure of fly ash-based geopolimer mortar**
Tammam Y. M., UYSAL M., CANPOLAT O.
European Journal of Environmental and Civil Engineering, vol.26, no.12, pp.5877-5900, 2022 (SCI-Expanded)
- IV. **Investigation of the Mechanical, Microstructure and 3D Fractal Analysis of Nanocalcite-Modified Environmentally Friendly and Sustainable Cementitious Composites**
Ziada M., Tammam Y. M., ERDEM S., Lezcano R. A. G.
Buildings, vol.12, no.1, 2022 (SCI-Expanded)

- V. **The effect of basalt fiber on mechanical, microstructural, and high-temperature properties of fly ash-based and basalt powder waste-filled sustainable geopolymer mortar**
Ziada M., ERDEM S., Tammam Y. M., Kara S., Lezcano R. A. G.
Sustainability (Switzerland), vol.13, no.22, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effect of Waste Filler Materials and Recycled Waste Aggregates on the Production of Geopolymer Composites**
Tammam Y. M., Uysal M., Canpolat O., Kuranlı Ö. F.
Arabian Journal for Science and Engineering, vol.48, no.4, pp.4823-4840, 2023 (Scopus)
- II. **Analysis of Tunnel Form Building Retrofitted with CFRP using Finite Element Method**
Ziada M., TUHTA S., Gençbay E. H., GÜNDAY F., TAMMAM Y. M.
International Journal of Trend in Scientific Research and Development, 2022 (Peer-Reviewed Journal)
- III. **Analysis of Masonry Structures Retrofitted with Glass Fiber Reinforced Polymer Using Finite Element Method**
Ziada M., TUHTA S., TAMMAM Y. M.
International Journal of Advance Engineering and Research Development, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Research of Alternative Ecological Waste Materials Used in Geopolymers for Sustainable Built Environments**
Ziada M., TAMMAM Y. M., ERDEM S.
in: Urban Sustainability and Energy Management of Cities for Improved Health and Well-Being, Roberto Alonso González-Lezcano, Editor, IGI Global, pp.159-178, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **Mechanical and Durability Properties of Fly Ash Based Geopolymers Mortars with Different Filling Materials**
TAMMAM Y. M., CHAKKOR O., UYSAL M., CANPOLAT O., AYGÖRMEZ Y., MEHMETOĞLU M., ŞAHİN F.
4th Eurasian Conference on Civil and Environmental Engineering (ECOCEE), İstanbul, Türkiye, 17 - 18 June 2019
- II. **Mechanical and Durability Properties of Fly Ash Based Geopolymers Mortars with Different Filling Materials**
TAMMAM Y. M., CHAKKOR O., UYSAL M., CANPOLAT O., AYGÖRMEZ Y., AL-MASHHADANI M. M. M., ŞAHİN F.
4th Eurasian Conference on Civil and Environmental Engineering (ECOCEE), İSTSNBUL, Turkey, 17 June 2019, pp.866-874