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International Researcher IDs

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Education Information

Postgraduate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Yapı Mühendisliği, Turkey 2012 - 2015

Undergraduate, Erciyes University, Mühendislik Fakültesi, İnşaat Mühendisliği , Turkey 2008 - 2012

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, Beton Bileşenlerinin Plastik Rötre Oluşumu Üzerine Etkisi, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Yapı Mühendisliği, 2015

Research Areas

Technical Sciences, Civil Engineering, Building materials

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Evaluation of Microsilica and Nanosilica on Bond Properties between Moderate–High Strength Concrete and Plain–Ribbed Steel Rebar**
Bicakci S. N., Baran S., Boyaci B., Turkmenoglu H. N., Turan O. T., Atahan H. N.
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.36, no.2, pp.1-16, 2024 (SCI-Expanded)
- II. **Micro and/or Nano-Silica modified moderate and high strength concrete: Rheology and synergistic effects on strength, elastic & inelastic behavior and microstructure**
Nuri Turkmenoglu H. N., Boyaci B., Baran S., Nihat Bicakci S., Nuri Atahan H. N.
Construction and Building Materials, vol.333, 2022 (SCI-Expanded)
- III. **Deformation Properties of Nano-Silica Modified Concrete Mixtures under Uniaxial Compression Loading**
Türkmenoğlu H. N., Atahan H. N.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.46, no.11, pp.11009-11025, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **Farklı Su/Bağlayıcı Oranına Sahip Betonlarda Nano Silika ve Granüle Yüksek Fırın Cürüfu Kullanımının Mekanik ve Elastik Özellikler Üzerine Etkisi**
TÜRKMENOĞLU H. N., ÖNDER E., ATAHAN H. N.
Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, vol.13, no.3, pp.635-643, 2022 (Peer-Reviewed Journal)
- II. **Agrega Tane Boyut Dağılımı ve PP Lif Kullanımının Betonda Plastik Rötre Çatlağı Oluşumu Üzerine Etkileri**
TÜRKMENOĞLU H. N., ATAHAN H. N.
Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, vol.13, no.3, pp.611-618, 2022 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **AGREGA KONSANTRASYONUNUN DÜŞÜK VE ORTA DAYANIMLI BETONLARIN MEKANİK VE ELASTİK ÖZELLİKLERİ ÜZERİNE ETKİSİNİN İNCELENMESİ**
TÜRKMENOĞLU H. N., ABOKAF O., BIÇAKÇI S. N., BARAN Ş., ATAHAN H. N.
Beton 2023 Hazır Beton Kongresi, İstanbul, Turkey, 08 November 2023
- II. **The Effect of Coarse Aggregate Concentration on the Bond Stress vs. Slip Relation between Low-Strength Concrete and Reinforcing Steel**
Abo Kaf O., TÜRKMENOĞLU H. N., BIÇAKÇI S. N., BARAN Ş., ATAHAN H. N.
International Graduate Research Symposium: IGRS'22, İstanbul, Turkey, 01 June 2022
- III. **Effect of Coarse Aggregate Concentration on the Mechanical Properties and Bond-Slip Behavior Between the Low Strength Concrete and Plain Rebar**
BIÇAKÇI S. N., ABOKAF O., TÜRKMENOĞLU H. N., BARAN Ş., ATAHAN H. N.
International Symposium of the International Federation for Structural Concrete: fib Symposium 2023: Building for the Future: Durable, Sustainable, Resilient, İstanbul, Turkey, 05 June 2023, vol.1, pp.1020-1029
- IV. **Synergistic Effects of Micro & Nano-Silica on the Bond Properties Between Reinforcing Steel and Concrete: Evaluation of Bond Strength and Slip Energy**
BOYACI B., TÜRKMENOĞLU H. N., BIÇAKÇI S. N., BARAN Ş., ATAHAN H. N.
14th International Conference on Advances in Civil Engineering, ACE 2021, İstanbul, Turkey, 06 September 2021, pp.141-148
- V. **Effect of Nano-Silica and Fly Ash on the Rheology and Initial-Final Setting Times of Concrete Mixtures**
BARAN A., BIÇAKÇI S. N., BARAN Ş., TÜRKMENOĞLU H. N., ATAHAN H. N.
14th International Conference on Advances in Civil Engineering, ACE 2021, İstanbul, Turkey, 06 September 2021, pp.126-132
- VI. **Evaluation of Strength and Pre-Peak Stress-Strain Characteristics of High-Strength Concrete: Synergistic Effect of Micro and Nano Silica**
BOYACI B., TÜRKMENOĞLU H. N., BIÇAKÇI S. N., BARAN Ş., ATAHAN H. N.
14th International Conference on Advances in Civil Engineering, ACE 2021, İstanbul, Turkey, 06 September 2021, pp.133-140
- VII. **Evaluation of Strength Development of Fly Ash Concrete with Nano-Silica: A Focus on Pre-Peak Stress-Strain Behaviour**
BARAN A., TÜRKMENOĞLU H. N., BIÇAKÇI S. N., BARAN Ş., ATAHAN H. N.
14th International Conference on Advances in Civil Engineering, ACE 2021, İstanbul, Turkey, 06 September 2021, pp.149-156
- VIII. **Effect of Colloidal Nano Silica on the Stress-Strain Behavior of Concrete under Compression**
TÜRKMENOĞLU H. N., ATAHAN H. N.

INTERNATIONAL CONFERENCE ON "CEMENT-BASED MATERIALS TAILED FOR A SUSTAINABLE FUTURE",
İstanbul, Turkey, 27 - 29 May 2021, pp.141-148

IX. THE USE OF POLYPROPYLENE FIBERS AGAINST PLASTIC SHRINKAGE CRACKING

TÜRKMENOĞLU H. N., ATAHAN H. N., ŞENGÜL C.

Interaction between Theory and Practice in Civil Engineering and Construction, İstanbul, Turkey, 24 - 29 May 2016,
pp.23-28

Metrics

Publication: 15

Citation (Scopus): 10

H-Index (Scopus): 2

Non Academic Experience

YBT YAPISAL TASARIM HİZMETLERİ A.Ş.