

Personal Information

Email: baran16@itu.edu.tr

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Machine learning-based compressive strength estimation in nano silica-modified concrete**
Maherian M. F., Baran S., Bıçakçı S. N., Töreyn B. U., Atahan H. N.
Construction and Building Materials, vol.408, 2023 (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 Ş., Nihat Bicakci S., Nuri Atahan H. N.
Construction and Building Materials, vol.333, 2022 (SCI-Expanded)

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., ATAHAH 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., ATAHAH 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., ATAHAH 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. **Determining Mechanical and Permeability Properties of Fly Ash and Nano-silica Containing Mixtures Using Taguchi Design Method**
MAHERIAN M. F., BIÇAKÇI S. N., BARAN Ş., ATAHAH 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.699-709
- V. **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., ATAHAH H. N.
14th International Conference on Advances in Civil Engineering, ACE 2021, İstanbul, Turkey, 06 September 2021, pp.141-148
- 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., ATAHAH 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., ATAHAH H. N.
14th International Conference on Advances in Civil Engineering, ACE 2021, İstanbul, Turkey, 06 September 2021, pp.149-156
- VIII. **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., ATAHAH H. N.
14th International Conference on Advances in Civil Engineering, ACE 2021, İstanbul, Turkey, 06 September 2021, pp.126-132
- IX. **Durability and Mechanical Properties of Mortar Mixtures Refined with Micro and Nano-Silica**
Başaran M., BARAN Ş., BIÇAKÇI S. N., ATAHAH H. N.
14th International Conference on Advances in Civil Engineering, ACE 2021, İstanbul, Turkey, 06 September 2021, pp.119-125
- X. **Compressive Strength Estimation of Low and Normal Strength Concrete using NDT**
ASAN M., BARAN Ş., Abbaszadeh H., GÜNEŞ O.
10th International Concrete Congress, Bursa, Turkey, 2 - 04 May 2019

Metrics

Publication: 13

Citation (WoS): 13

Citation (Scopus): 26

H-Index (WoS): 1

H-Index (Scopus): 3