

## Öğr.Gör. BURHAN ALEESSA ALAM

### Kişisel Bilgiler

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### Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: V-5198-2019

ScopusID: 57190490349

Yoksis Araştırmacı ID: 258799

### Araştırma Alanları

Yapı Malzemesi, Yapı Malzemeleri, Beton Teknolojisi, Yapı Bileşenleri ve Malzemeleri, Kompozit Malzemeler, Malzeme Mekanığı

### Akademik Unvanlar / Görevler

Öğretim Görevlisi Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2016 - Devam Ediyor

### Verdiği Dersler

Materials Science, Lisans, 2019 - 2020

Materials Testing and Measurement, Yüksek Lisans, 2016 - 2017

### Yönetilen Tezler

Yaman İ. Ö., Alam B., ALEESSA ALAM B., EFFECT OF INCREASED VOLUME OF FIBERS ON THE FRACTURE PROPERTIES OF CEMENTITIOUS COMPOSITES, Yüksek Lisans, U.EMRE(Öğrenci), 2019

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. The impact of specimen size and alteration of fiber configuration on the flexural performance of high-performance concrete

Şengün E., Hamahang Sherzai M., Macit Mercan A., Guzelce A., Alam B., Ozgur Yaman İ. Ö.

Journal of Building Engineering, cilt.68, 2023 (SCI-Expanded)

- II. Cement and hydroxyethyl methyl cellulose interaction: The performance of cement-based adhesives

TANGÜLER BAYRAMTAN M., ALEESSA ALAM B., Sucu M., Delibas T., Yaman İ. Ö.

MATERIALS AND STRUCTURES, cilt.55, sa.3, 2022 (SCI-Expanded)

- III. A new evaluation of the fatigue design criteria of roller compacted concrete (RCC) pavements

- Sengun E., ALEESSA ALAM B., YAMAN İ. Ö., Ceylan H.  
 Construction and Building Materials, cilt.289, 2021 (SCI-Expanded)
- IV. Superpave Gyratory Compactor as an Alternative Design Method for Roller Compacted Concrete in the Laboratory**  
 SHABANI R., ŞENGÜN E., Ozturk H. I., ALEESSA ALAM B., YAMAN İ. Ö.  
 Journal of Materials in Civil Engineering, cilt.33, sa.6, 2021 (SCI-Expanded)
- V. Fatigue performance of PVA fibre reinforced cementitious composite overlays**  
 Alam B., YAMAN İ. Ö.  
 INTERNATIONAL JOURNAL OF PAVEMENT ENGINEERING, cilt.22, sa.7, ss.822-828, 2021 (SCI-Expanded)
- VI. Stress-Based Fatigue Performance and Fatigue Life Prediction of Engineered Cementitious Composites**  
 Aleessa Alam B., Yaman İ. Ö.  
 Journal of Materials in Civil Engineering, cilt.33, sa.2, 2021 (SCI-Expanded)
- VII. Strength and fracture properties of roller compacted concrete (RCC) prepared by an in-situ compaction procedure**  
 ŞENGÜN E., ALEESSA ALAM B., Shabani R., YAMAN İ. Ö.  
 CONSTRUCTION AND BUILDING MATERIALS, cilt.271, 2021 (SCI-Expanded)
- VIII. The effects of compaction methods and mix parameters on the properties of roller compacted concrete mixtures**  
 Şengün E., Alam B., Shabani R., YAMAN İ. Ö.  
 Construction and Building Materials, cilt.228, 2019 (SCI-Expanded)
- IX. Role of Nanosilica on the Early-Age Performance of Natural Pozzolan-Based Blended Cement**  
 Yildirim G., Dundar B., ALEESSA ALAM B., YAMAN İ. Ö., ŞAHMARAN M.  
 ACI MATERIALS JOURNAL, cilt.115, sa.6, ss.969-980, 2018 (SCI-Expanded)
- X. Compressive Strength and Microstructural Characteristics of Natural Zeolite-Based Geopolymer**  
 ÖZEN KARSLI S., ALEESSA ALAM B.  
 PERIODICA POLYTECHNICA-CIVIL ENGINEERING, cilt.62, sa.1, ss.64-71, 2018 (SCI-Expanded)

### Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. Fracture Energy of Roller Compacted Concrete Pavements**  
 ŞENGÜN E., ALEESSA ALAM B., Shabani R., YAMAN İ. Ö.  
 12th International Conference on Concrete Pavements, Amerika Birleşik Devletleri, 27 Eylül 2021
- II. Priz Geciktirici ve Akışkanlaştırıcı Katkıların Taze ve Sertleşmiş Silindirle Sıkıştırılmış Beton Özelliklerine Etkisi**  
 ŞENGÜN E., Shabani R., ALEESSA ALAM B., YAMAN İ. Ö.  
 10. Uluslararası Beton Kongresi, Bursa, Türkiye, 2 - 04 Mayıs 2019, ss.437-446
- III. The Evaluation of the Superpave Gyratory Compaction Method for Roller Compacted Concrete Mixture Design**  
 Shabani R., Şengün E., Öztürk H. I., Aleessa Alam B., Yaman İ. Ö.  
 2019 Transportation Research Board Annual Meeting, Washington, Amerika Birleşik Devletleri, 13 - 17 Ocak 2019, ss.1-4
- IV. COMPARISON OF SEVERAL LABORATORY COMPACTION PRACTICES APPLIED ON ROLLER COMPACTED CONCRETE PAVEMENTS**  
 ŞENGÜN E., shabani r., ALEESSA ALAM B., aykul m. a., YAMAN İ. Ö.  
 13th International Congress on Advances in Civil Engineering, 12 - 14 Eylül 2018
- V. Effects of Different Cellulose Ethers on White Cement Based Ceramic Adhesives**  
 TANGÜLER BAYRAMTAN M., ÜSTOĞLU C., ALEESSA ALAM B., SUCU M., YAMAN İ. Ö.  
 13th International Congress on Advances in Civil Engineering, 12 - 14 Eylül 2018
- VI. EFFECTS OF FILLER INCORPORATION ON THE PROPERTIES OF BLENDED CEMENTS**

bozdoğan ö., ARDOĞA M. K., ALEESSA ALAM B., YAMAN İ. Ö.

13th International Congress on Advances in Civil Engineering, 12 - 14 Eylül 2018

VII. **COMPARISON OF LABORATORY PRACTICES FOR ROLLER COMPACTED CONCRETE PAVEMENTS**

ŞENGÜN E., aykutlu m. a., shabani r., ALEESSA ALAM B., YAMAN İ. Ö.

13th International Symposium on Concrete Roads, 19 - 22 Haziran 2018

VIII. **AN EXPERIMENTAL AND NUMERICAL STUDY OF BALLISTIC PERFORMANCE OF SFRC STRUCTURES**

ALEESSA ALAM B., Ghasabeh M., Toksoy K., Dara G., GÖKTEPE S., YAMAN İ. Ö.

29th International Symposium on Ballistics, Edinburgh, Saint Helena, 9 - 13 Mayıs 2016, ss.2088-2097

IX. **Effect of Fly Ash Fineness on the Activation of Geopolymer Concrete**

ALEESSA ALAM B., Keskin S. B., YAMAN İ. Ö.

7th Asian Symposium on Polymers in Concrete (ASPIC 2012), İstanbul, Türkiye, 3 - 05 Ekim 2012, ss.701-708

## **Metrikler**

Yayın: 19

Atıf (WoS): 56

Atıf (Scopus): 101

H-İndeks (WoS): 4

H-İndeks (Scopus): 7