

Lect. BURHAN ALEESSA ALAM

Personal Information

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Research Areas

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

Academic Titles / Tasks

Lecturer PhD, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, 2016 - Continues

Courses

Materials Science, Under Graduate, 2019 - 2020

Materials Testing and Measurement, Post Graduate, 2016 - 2017

Advising Theses

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

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **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, vol.228, 2019 (Journal Indexed in SCI Expanded)
- **Fatigue performance of PVA fibre reinforced cementitious composite overlays**
Alam B., YAMAN İ. Ö.
INTERNATIONAL JOURNAL OF PAVEMENT ENGINEERING, 2019 (Journal Indexed in SCI)
- **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, vol.115, pp.969-980, 2018 (Journal Indexed in SCI)
- **Compressive Strength and Microstructural Characteristics of Natural Zeolite-Based Geopolymer**
ÖZEN KARSLI S., ALEESSA ALAM B.
PERIODICA POLYTECHNICA-CIVIL ENGINEERING, vol.62, pp.64-71, 2018 (Journal Indexed in SCI)

Kerereed Congress / Symposium Publications in Proceedings

- **The Evaluation of the Superpave Gyrotory 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, United States Of America, 13 - 17 January 2019, pp.1-4
- **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 September 2018
- **COMPARISON OF SEVERAL LABORATORY COMPACTION PRACTICES APPLIED ON ROLLER COMPACTED CONCRETE PAVEMENTS**
ŞENGÜN E., shabani r., ALEESSA ALAM B., aykutlu m. a. , YAMAN İ. Ö.
13th International Congress on Advances in Civil Engineering, 12 - 14 September 2018
- **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 September 2018
- **COMPARISON OF LABORATORY PRACTICES FOR ROLLER COMPACTED CONCRETEPAVEMENTS**
ŞENGÜN E., aykutlu m. a. , shabani r., ALEESSA ALAM B., YAMAN İ. Ö.
13th International Symposium on Concrete Roads, 19 - 22 June 2018
- **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 May 2016, pp.2088-2097
- **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, Turkey, 3 - 05 October 2012, pp.701-708

Supported Projects

ALEESSA ALAM B., TUBITAK Project, Hiperspektral Görüntü Analiz Yöntemiyle Çimentolu Sistemlerin Karakterizasyonu Ve Geliştirilmeleri, 2019 - Continues

Citations

Total Citations (WOS):10

h-index (WOS):2