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Education Information

Doctorate, Technische Universiteit Delft, Civil Engineering And Geosciences, Netherlands 2006 - 2016

Masters (Non-Thesis), İstanbul Teknik Üniversitesi, İşletme Fakültesi, Turkey 2002 - 2003

Postgraduate, Boğaziçi Üniversitesi, Fen Bilimleri Enstitüsü/İnşaat Mühendisliği, Yapı Mühendisliği, Turkey 2000 - 2003

Undergraduate, Boğaziçi Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 1995 - 1999

Certificates, Courses and Trainings

Education Management and Planning, Multiscale Modelling, Delft Teknik Üniversitesi/İnşaat Mühendisliği, 2008

Education Management and Planning, Concrete Microscopy, Delft Teknik Üniversitesi/İnşaat Mühendisliği, 2006

Research Areas

Technical Sciences, Civil Engineering, Building materials, Concrete Technology

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

- I. **Impact behavior of model porous concretes**
Ağar Özbek A. Ş. , Weerheijm J., Van Breugel K.
MATERIALS AND STRUCTURES, vol.52, 2019 (Journal Indexed in SCI)
- II. **Mesosopic modeling of the impact behavior and fragmentation of porous concrete**
Ağar Özbek A. Ş. , Pedersen R. R. , Weerheijm J., Van Breugel K.
CEMENT & CONCRETE COMPOSITES, vol.102, pp.116-133, 2019 (Journal Indexed in SCI)
- III. **High speed photography technique for measuring impact strength of porous concrete**
Ağar Özbek A. Ş. , Weerheijm J., van Breugel K.
CONSTRUCTION AND BUILDING MATERIALS, vol.186, pp.1092-1104, 2018 (Journal Indexed in SCI)
- IV. **Mesosopic analysis of the behavior of porous concrete under impact loading**
Ağar Özbek A. Ş. , Pedersen R. R. , Weerheijm J.
Teknik Dergi, vol.28, pp.7823-7844, 2017 (Journal Indexed in SCI Expanded)
- V. **Dynamic behavior of porous concretes under drop weight impact testing**
Ozbek A. Ş. , Weerheijm J., Schlangen E., van Breugel K.
CEMENT & CONCRETE COMPOSITES, vol.39, pp.1-11, 2013 (Journal Indexed in SCI)
- VI. **Investigating porous concrete with improved strength: Testing at different scales**
Agar-Ozbek A. Ş. , Weerheijm J., Schlangen E., van Breugel K.
CONSTRUCTION AND BUILDING MATERIALS, vol.41, pp.480-490, 2013 (Journal Indexed in SCI)
- VII. **Drop Weight Impact Strength Measurement Method for Porous Concrete Using Laser Doppler Velocimetry**

Ozbek A. Ş. , Weerheijm J., Schlangen E., van Breugel K.

JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.24, no.10, pp.1328-1336, 2012 (Journal Indexed in SCI)

VIII. **Interpretation of aggregate volume fraction effects on fracture behavior of concrete**

AKÇAY ALDANMAZ B., Agar-Ozbek A. S. , Bayramoy F., Atahan H. N. , Sengul C., Tasdemir M. A.

CONSTRUCTION AND BUILDING MATERIALS, vol.28, no.1, pp.437-443, 2012 (Journal Indexed in SCI)

Articles Published in Other Journals

I. **Dairesel Agregalı Model Boşluklu Betonların Dinamik Davranışının Sonlu Eleman Yöntemi ile Analizi**

AĞAR ÖZBEK A. Ş. , Weerheijm J., VAN BREUGEL K.

Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, vol.22, no.3, 2017 (Other Refereed National Journals)

Books & Book Chapters

I. **Inclusion Based Modeling of Concrete with Various Aggregate Volume Fractions**

TAŞDEMİR M. A. , Akyuz S., BAYRAMOV F., AĞAR ÖZBEK A. Ş.

in: Continuum Models and Discrete Systems, Bergman David J., Inan Esin, Editor, Springer, pp.253-258, 2004

Citations

Total Citations (WOS):68

h-index (WOS):4