

Asst. Prof. EDA AVANOĞLU SICACIK

Personal Information

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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (YI) (Tezli), Turkey 2005 - 2011

Post Graduate, Kirikkale University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (YI) (Tezli), Turkey 2002 - 2004

Under Graduate, Kirikkale University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 1998 - 2002

Dissertations

Doctorate, Mesnetlerinden farklı yer hareketi etkisindeki kablolu köprülerin yapı-zemin etkileşim analizi, Gazi University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (YI) (Tezli), 2011

Post Graduate, Değişen kat adedi ve perde oranı için kat kesme kuvvetlerinin kolon ve perde elemanlara dağılımı, Kirikkale University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (YI) (Tezli), 2004

Research Areas

Building Dynamics, Earthquake Engineering, Concrete Structures

Academic Titles / Tasks

Assistant Professor, Kirikkale University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2012 - Continues

Research Assistant, Kirikkale University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2011 - 2012

Research Assistant, Gazi University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2005 - 2011

Research Assistant, Kirikkale University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2002 - 2005

Courses

Mukavemet 2, Under Graduate, 2020 - 2021

Yapı Statiği 1, Under Graduate, 2020 - 2021

Mukavemet 1, Under Graduate, 2020 - 2021

Dinamik, Under Graduate, 2020 - 2021

Advising Theses

AVANOĞLU SICACIK E., Farklı beton sınıfları kullanılan cam elyaf donatılıhibrit kirişlerin eğilme davranışı, Post Graduate, Z.SARIER(Student), 2018

AVANOĞLU SICACIK E., Cam elyaf donatılı kirişlerin eğilme davranışının sonlu elemanlar yöntemi ile analizi, Post Graduate, S.KARTAL(Student), 2014

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

- I. **Investigation of the effect of spatially varying ground motion components on the dynamic behaviour of cable-stayed bridges depending on soil conditions** Yer hareketi degisim bilesenlerinin kablolu köprülerin dinamik davranisi üzerindeki etkisinin zemin kosullarina bagli olarak incelenmesi
Avanoglu Sicacik E., SOYLUK K.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.27, no.4, pp.881-889, 2012 (Journal Indexed in SCI Expanded)
- II. **Soil-structure interaction analysis of cable-stayed bridges for spatially varying ground motion components**
SOYLUK K., Sicacik E.
Soil Dynamics and Earthquake Engineering, vol.35, pp.80-90, 2012 (Journal Indexed in SCI Expanded)
- III. **Dynamic effects induced by traffic loads on cable-stayed bridges** Kablolu köprülerde trafik yüklerinin neden olduđu dinamik etkiler
Cengiz A., SOYLUK K., Sicacik E.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.26, no.1, pp.243-252, 2011 (Journal Indexed in SCI Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigating The Flexural Behavior Of Lightweight Concrete Beams Reinforced With Basalt (BFRP) Bars**
Er Ş. B. , Avanođlu Sicacik E.
International Congress on Advances in Civil Engineering, İzmir, Turkey, 12 - 14 September 2018, pp.1-7
- II. **Flexural Behavior of Reinforced Concrete Beams with Lightweight Concrete**
Avanođlu Sicacik E.
ICOCEE-Cappadocia, Nevşehir, Turkey, 8 - 10 May 2017, pp.3435
- III. **Flexural Behavior Modelling of Lightweight Reinforced Concrete Beams**
Avanođlu Sicacik E.
ICOCEE-Cappadocia, Nevşehir, Turkey, 8 - 10 May 2017, pp.3432
- IV. **The Effect of Fiber Type and Ratio to Mechanical Properties of Cement Mortar**
Er Ş. B. , Avanođlu Sicacik E., Sevim Ö., Demir İ.
ICOCEE-Cappadocia, Nevşehir, Turkey, 8 - 10 May 2017, pp.3436
- V. **Analysing Flexural Behavior of GFRP Reinforced Concrete Beams with Finite Element Method**
Avanođlu Sicacik E., Kartal S.
12 th International Congress on Advances in Civil Engineering, İstanbul, Turkey, 21 - 23 September 2016, pp.1-7
- VI. **Soil-structure interaction analysis of cable-stayed bridges for multiple-support excitations**
Soyluk K., Sicacik E.
8th International Conference on Structural Dynamics, EURO DYN 2011, Leuven, Belgium, 4 - 06 July 2011, pp.547-554
- VII. **Soil-structure Interaction Analysis of Cable-stayed Bridges for Delayed Excitations**
Soyluk K., Avanođlu Sicacik E.
Ninth International Congress on Advances in Civil Engineering, Trabzon, Turkey, 27 - 30 September 2010, pp.1-10
- VIII. **Time Dependent Nonlinear Analysis of Segmentally Erected Cable-Stayed Bridges**
Soyluk K., Avanođlu Sicacik E.
Ninth International Congress on Advances in Civil Engineering, Trabzon, Turkey, 27 - 30 September 2010, pp.1-10
- IX. **Zemin Sınırlarının Geçirgen Sınırlarla Modellendiđi Kablolu Köprülerin Dinamik Analizi**
Soyluk K., Avanođlu Sicacik E.
Uluslararası Sakarya Deprem Sempozyumu, Sakarya, Turkey, 1 - 02 October 2009, pp.440-450
- X. **Aşırı Donatılı Betonarme Kirişlerde Tek Boyutlu Boyut Etkisi**

ŞENER S., BELGİN Ç. M. , AVANOĞLU SICACIK E.
GAP V.Mühendislik Kongresi, Şanlıurfa, Turkey, 26 April 2006

Citations

Total Citations (WOS):38

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