

Doç.Dr. Burcu Güneş

Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Eğitim Bilgileri

Doktora, Northeastern University, İnşaat Mühendisliği, Amerika Birleşik Devletleri 1996 - 2002

Akademik Unvanlar / Görevler

Doç.Dr., İstanbul Teknik Üniversitesi, İnşaat, İnşaat Mühendisliği, 2023 - Devam Ediyor

Dr.Öğr.Üyesi, İstanbul Teknik Üniversitesi, İnşaat, İnşaat Mühendisliği, 2013 - Devam Ediyor

Yrd.Doç.Dr., Atılım Üniversitesi, 2002 - 2013

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Experimental collapse investigation and nonlinear modeling of a single-span stone masonry arch bridge**
Mentese V. G., Güneş O., Çelik O. C., Güneş B., Avsin A., Yaz M.
Engineering Failure Analysis, cilt.152, 2023 (SCI-Expanded)
- II. **Drilling resistance testing combined with SonReb methods for nondestructive estimation of concrete strength**
Güneş B., Karatosun S., Güneş O.
Construction and Building Materials, cilt.362, 2023 (SCI-Expanded)
- III. **One-class machine learning approach for localized damage detection**
Güneş B.
Journal of Civil Structural Health Monitoring, cilt.12, sa.5, ss.1115-1131, 2022 (SCI-Expanded)
- IV. **Vibration-Based Damage Evaluation of a Reinforced Concrete Frame Subjected to Cyclic Pushover Testing**
Güneş B., Güneş O.
SHOCK AND VIBRATION, cilt.2021, 2021 (SCI-Expanded)
- V. **Damage in Reinforced-Concrete Buildings during the 2011 Van, Turkey, Earthquakes**
Baran E., MERTOL H. C., Güneş B.
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, cilt.28, sa.3, ss.466-479, 2014 (SCI-Expanded)
- VI. **Use of UHPC in Bridge Structures: Material Modeling and Design**
Gunes O., Yesilmen S., Gunes B., ULM F.
ADVANCES IN MATERIALS SCIENCE AND ENGINEERING, 2012 (SCI-Expanded)

VII. Flexibility based approach for damage characterization benchmark application

Bernal D., Güneş B.

Journal of Engineering Mechanics, cilt.130, sa.1, ss.61-70, 2004 (SCI-Expanded)

Diğer Dergilerde Yayımlanan Makaleler

- I. **Time Series Analysis Methodology for Damage Detection in Civil Structures**
Güneş B., Güneş O.
Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, cilt.14, sa.4, ss.753-759, 2023 (Hakemli Dergi)
- II. **Unsupervised Learning Approach for Detection and Localization of Structural Damage using Output-only Measurements**
GÜNEŞ B.
Academic Platform journal of engineering and smart systems (Online), cilt.10, sa.3, ss.149-156, 2022 (Hakemli Dergi)
- III. **A DATA DRIVEN STRUCTURAL HEALTH MONITORING APPROACH INTEGRATING COGNITIVE CONCEPTS**
GÜNEŞ B.
The Journal of Cognitive Systems, cilt.3, sa.1, 2018 (Hakemli Dergi)
- IV. **Structural health monitoring and damage assessment Part I A critical review of approaches and methods**
GÜNEŞ B., GÜNEŞ O.
International Journal of Physical Sciences, cilt.8, sa.34, ss.1694-1702, 2013 (Hakemli Dergi)
- V. **Health monitoring of a Benchmark Structure using vibration data**
Güneş B.
RILEM Bookseries, cilt.6, ss.1053-1058, 2012 (Scopus)
- VI. **Structural health monitoring and damage assessment Part II: Application of the damage locating vector (DLV) method to the ASCE benchmark structure experimental data**
Gunes B., GÜNEŞ O.
INTERNATIONAL JOURNAL OF PHYSICAL SCIENCES, cilt.7, sa.9, ss.1509-1515, 2012 (Hakemli Dergi)
- VII. **Earthquake response spectra models incorporating fuzzy logic with statistics**
Wadia-Fascetti S., Güneş B.
Computer-Aided Civil and Infrastructure Engineering, cilt.15, sa.2, ss.134-146, 2000 (Scopus)

Metrikler

Yayın: 45

Atıf (WoS): 152

Atıf (Scopus): 229

H-İndeks (WoS): 5

H-İndeks (Scopus): 6

Akademi Dışı Deneyim

Northeastern University