

Doç. Dr. Atakan MANGIR

Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: GXH-4708-2022

ScopusID: 57193257869

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Eğitim Bilgileri

Doktora, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (Dr), Türkiye 2014 - 2018

Yüksek Lisans, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Yapı Mühendisliği (YI) (Tezli), Türkiye 2011 - 2014

Lisans, İstanbul Kültür Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Türkiye 2007 - 2011

Yabancı Diller

İngilizce, C2 Ustalık

Yaptığı Tezler

Doktora, Düşük dayanımlı betonarme yapılarda kolon-kiriş birleşim bölgelerinin deprem performansının deneysel olarak incelenmesi, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (Dr), 2018

Yüksek Lisans, STRENGTH AND STABILITY OF THIN WALLED STEEL COLUMNS IN STORAGE RACK STRUCTURES, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Yapı Mühendisliği (YI) (Tezli), 2014

Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, İstanbul Medipol Üniversitesi, Mühendislik Ve Doğa Bilimleri Fakültesi, İnşaat Mühendisliği Bölümü, 2019 - Devam Ediyor

Akademik İdari Deneyim

Bölüm Başkan Yardımcısı, İstanbul Medipol Üniversitesi, Mühendislik Ve Doğa Bilimleri Fakültesi, İnşaat Mühendisliği Bölümü, 2020 - Devam Ediyor

Verdiği Dersler

Lisans

Computer Aided Design and Analysis, Lisans, 2021 - 2022
Technical Drawing for Civil Engineers, Lisans, 2019 - 2020
Computer Aided Technical Drawing, Lisans, 2019 - 2020
İnşaat Mühendisleri İçin Teknik Çizim, Lisans, 2019 - 2020

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Earthquake Performance Analysis of a Masonry School Building's Retrofitted State by the Equivalent Frame Method**
Okumuş V., Mangır A.
TURKISH JOURNAL OF CIVIL ENGINEERING, cilt.36, sa.1, ss.29-49, 2025 (SCI-Expanded)
- II. **Pre-earthquake fuzzy logic-based rapid hazard assessment of reinforced concrete buildings**
MANGIR A., OKUMUŞ V.
Case Studies in Construction Materials, cilt.19, 2023 (SCI-Expanded)
- III. **Innovative Equivalent Elastic Modulus Based Stress Calculation Methodology for Reinforced Concrete Columns**
ŞEN Z., MANGIR A.
Buildings, cilt.13, sa.8, 2023 (SCI-Expanded)
- IV. **Fuzzy Inference System (FIS) Model for the Seismic Parameters of Code-Based Earthquake Response Spectra**
MANGIR A.
Buildings, cilt.13, sa.8, 2023 (SCI-Expanded)
- V. **Determination of the change in the structural performance of an RC building due to a nearby deep excavation**
Mangır A., Çoşgun T., Sayın B., Okumuş V., Güneş B.
STRUCTURES, cilt.49, ss.792-806, 2023 (SCI-Expanded)
- VI. **Retrofitting technique effectiveness and seismic performance of multi-rise RC buildings: A case study**
ÇOŞGUN T., SAYIN B., GÜNEŞ B., MANGIR A.
Case Studies in Construction Materials, cilt.16, 2022 (SCI-Expanded)
- VII. **Seismic assessment of a reconstructed historic masonry structure: A case study on the ruins of Bigali castle mosque built in the early 1800s**
GÜNEŞ B., ÇOŞGUN T., SAYIN B., Ceylan O., MANGIR A., Gumusdag G.
Journal of Building Engineering, cilt.39, 2021 (SCI-Expanded)
- VIII. **Experimental behaviour and failure of beam-column joints with plain bars, low-strength concrete and different anchorage details**
Cosgun C., Turk A. M., MANGIR A., ÇOŞGUN T., Kiyamaz G.
Engineering Failure Analysis, cilt.109, 2020 (SCI-Expanded)
- IX. **Seismic load tests on exterior beam-column connections of existing RC structures**
Cosgun T., Cosgun C., Kanishka A., Mangır A., Sayın B., Turk A. M.
GRADEVINAR, cilt.71, sa.12, ss.1129-1141, 2019 (SCI-Expanded)
- X. **Seismic performance of an existing low-rise RC building considering the addition of a new storey**
GÜNEŞ B., ÇOŞGUN T., SAYIN B., MANGIR A.
Revista de la Construcción, cilt.18, sa.3, ss.459-475, 2019 (SCI-Expanded)
- XI. **Strength upgrading of steel storage rack frames in the down-aisle direction**
El Kadi B., Cosgun C., Mangır A., Kiyamaz G.
STEEL AND COMPOSITE STRUCTURES, cilt.23, sa.2, ss.143-152, 2017 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Fuzzy inference system model for the spectrum site coefficients of the Türkiye Building Earthquake Code (2018)**
OKUMUŞ V., Mangir A.
Journal of Structural Engineering & Applied Mechanics (Online), cilt.6, sa.4, ss.282-305, 2023 (Hakemli Dergi)
- II. **Fuzzy inference system model for the spectrum characteristic periods of the Türkiye Building Earthquake Code (2007)**
Mangir A., OKUMUŞ V.
Journal of Structural Engineering & Applied Mechanics (Online), cilt.6, sa.4, ss.364-384, 2023 (Hakemli Dergi)
- III. **Seismic performance assessment of a historical masonry-infilled RC building located in the historical peninsula of Istanbul (1940s)**
Güneş B., Mangir A., Coşgun T., Sayın B., Akçay C.
STRUCTURES, cilt.45, ss.951-968, 2022 (Scopus)
- IV. **Earthquake performance of collapsed school building under Van-Tabanlı (Mw=7.2) earthquake**
COŞGUN C., MANGIR A.
Challenge Journal of Structural Mechanics, cilt.4, sa.4, ss.159-175, 2018 (Hakemli Dergi)
- V. **The effects of a column damage to structural behavior of an example low-strength concrete building**
MANGIR A., COŞGUN T., GÜNEŞ B.
Mühendislik Bilimleri ve Tasarım Dergisi, cilt.6, sa.2, ss.273-281, 2018 (Hakemli Dergi)

Kitaplar

- I. **Chapter 4: Examination of detected damage types and repair/retrofitting methods in an existing historic timber structure**
GÜNEŞ B., MANGIR A.
Academic Perspectives for Engineering Science Metaphors, Ali ÖZ, Editör, SRA Academic Publishing (Strategic Researches Academy), Klaipeda, ss.67-86, 2020
- II. **Chapter 3: Determination of the seismic performance of masonry structures via the nonlinear analysis method**
GÜNEŞ B., MANGIR A.
Academic Perspectives for Engineering Science Metaphors, Ali ÖZ, Editör, SRA Academic Publishing (Strategic Researches Academy), Klaipeda, ss.43-66, 2020

Hakemli Bilimsel Toplantılarda Yayımlanmış Bildiriler

- I. **Structural behaviour of sewage shaft structures under high reachstacker utilization loads**
MANGIR A., OKUMUŞ V.
3rd International Civil Engineering and Architecture Conference (ICEARC'23), Trabzon, Türkiye, 12 - 14 Ekim 2023, cilt.1, ss.1237-1251, (Tam Metin Bildiri)
- II. **Yığma bir okul yapısının eşlenik çubuk yöntemi ile güçlendirilmiş durum deprem performans analizi**
OKUMUŞ V., MANGIR A.
23. Ulusal Mekanik Kongresi, Konya, Türkiye, 4 - 08 Eylül 2023, ss.655-668, (Tam Metin Bildiri)
- III. **Seismic Performance of Existing RC Framed Buildings Using Pushover Analysis Method**
GÜNEŞ B., MANGIR A., COŞGUN T., SAYIN B.
6th International Conference on Harmony Search, Soft Computing and Applications, ICHSA 2020, İstanbul, Türkiye, 22 - 24 Nisan 2020, cilt.1275, ss.235-248, (Tam Metin Bildiri)
- IV. **Structural Strengthening of RC Buildings for Enhanced Seismic Resistance**
GÜNEŞ B., COŞGUN T., MANGIR A., SAYIN B.

6th International Conference on Harmony Search, Soft Computing and Applications, ICHSA 2020, İstanbul, Türkiye, 22 - 24 Nisan 2020, cilt.1275, ss.219-233, (Tam Metin Bildiri)

- V. **Evaluation of the seismic performance of existing RC structures via the nonlinear static pushover analysis method**
GÜNEŞ B., MANGIR A.
IV. International Congress on New Trends in Science, Engineering and Technology (ICONTRENDS 2020), St. Petersburg, Rusya, 7 - 08 Temmuz 2020, ss.55-67, (Tam Metin Bildiri)
- VI. **Determination of the seismic performance of masonry structures via the nonlinear analysis method**
GÜNEŞ B., MANGIR A.
5th International Conference on Multidisciplinary Sciences (ICOMUS 2020), Türkiye, 28 - 30 Mayıs 2020, cilt.1, ss.38, (Özet Bildiri)
- VII. **Examination of detected damage types and repair/retrofitting methods in an existing historic timber structure**
GÜNEŞ B., MANGIR A.
5th International Conference on Multidisciplinary Sciences (ICOMUS 2020), Türkiye, 28 - 30 Mayıs 2020, cilt.1, ss.37, (Özet Bildiri)
- VIII. **Seismic Performance Evaluation of an Existing Mid-rise Masonry Building based on Turkish Building Earthquake Code**
GÜNEŞ B., SAYIN B., ÇOŞGUN T., MANGIR A.
ICENS 2019: 5th INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, 12 - 16 Haziran 2019, (Tam Metin Bildiri)
- IX. **A strengthening technique applied on an existing masonry building with insufficient seismic capacity**
GÜNEŞ B., ÇOŞGUN T., MANGIR A., SAYIN B., OKUMUŞ V.
International Civil Engineering and Architectural Conference (ICEARC'19), Trabzon, Türkiye, 17 - 20 Nisan 2019, cilt.1, ss.1302-1310, (Tam Metin Bildiri)
- X. **Seismic evaluation of an existing RC building based on TEC (2007)**
GÜNEŞ B., SAYIN B., ÇOŞGUN T., MANGIR A.
International Civil Engineering And Architectural Conference (ICEARC'19), Trabzon, Türkiye, 17 - 20 Nisan 2019, ss.1283-1292, (Tam Metin Bildiri)
- XI. **Seismic evaluation of existing masonry buildings and a strengthening proposal for a case study**
GÜNEŞ B., MANGIR A., SAYIN B., ÇOŞGUN T.
International Civil Engineering and Architectural Conference (ICEARC'19), Trabzon, Türkiye, 17 - 20 Nisan 2019, ss.1293-1301, (Tam Metin Bildiri)
- XII. **Assessment of an existing masonry structure using linear and nonlinear material models**
GÜNEŞ B., MANGIR A., OKUMUŞ V.
Fourth Conference on Smart Monitoring, Assessment and Rehabilitation of Civil Structures (SMAR 2017), Zürich, İsviçre, 13 - 15 Eylül 2017, ss.290, (Tam Metin Bildiri)