

VEFA OKUMUŞ

ASST. PROF.

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International Researcher IDs

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Publons / Web Of Science ResearcherID: IRZ-6423-2023

ScopusID: 58095638200

Yoksis Researcher ID: 376849

Learning Knowledge

Doctorate 2016 - 2022	İstanbul University-Cerrahpaşa, Lisansüstü Eğitim Enstitüsü, İnşaat Mühendisliği (Dr), Turkey
Postgraduate 2009 - 2011	Istanbul Technical University, Fen Bilimleri Enstitüsü, Yapı Mühendisliği (YI) (Tezli), Turkey
Undergraduate 2005 - 2009	Istanbul University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey

Dissertations

Postgraduate, Fatigue Behavior Of Steel-Concrete Composite Bridge Beams, Istanbul Technical University, Fen Bilimleri Enstitüsü, 2011

Academic Titles / Tasks

Assistant Professor 2022 - Continues	Istanbul Medipol University, Mühendislik Ve Doğa Bilimleri Fakültesi, İnşaat Mühendisliği Bölümü
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Published journal articles indexed by SCI, SSCI, and AHCI

- Pre-earthquake fuzzy logic-based rapid hazard assessment of reinforced concrete buildings**
MANGIR A., OKUMUŞ V.
Case Studies in Construction Materials, vol.19, 2023 (SCI-Expanded)
- 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, vol.49, pp.792-806, 2023 (SCI-Expanded)

Articles Published in Other Journals

1. **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), vol.6, no.4, pp.282-305, 2023 (Peer-Reviewed Journal)
2. **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), vol.6, no.4, pp.364-384, 2023 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

1. **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, Turkey, 12 - 14 October 2023, vol.1, pp.1237-1251
2. **Yığma bir okul yapısının eşlenik çubuk yöntemi ile güçlendirilmiş durum deprem performans analizi**
OKUMUŞ V., MANGIR A.
23. Ulusal Mekanik Kongresi, Konya, Turkey, 4 - 08 September 2023, pp.655-668
3. **State of art modeling of soil-structure interaction problems using OpenSees**
OKUMUŞ V., ALHAN C.
ACE 2020-21 - 14th International Congress on Advances in Civil Engineering, İstanbul, Turkey, 06 September 2021
4. **Seismic Performance Evaluation of an Existing RC Building based on Turkish Building Earthquake Code (2018)**
GÜNEŞ B., SAYIN B., ÇOŞGUN T., OKUMUŞ V.
ICENS - 5th International Conference on Engineering and Natural Science, Prag, Czech Republic, 12 June 2019
5. **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, Turkey, 17 - 20 April 2019, vol.1, pp.1302-1310
6. **A strengthening technique applied on an existing masonry building with insufficient seismic capacity**
GÜNEŞ B., ÇOŞGUN T., MANGIR A., SAYIN B., OKUMUŞ V.
ICEARC'19 - International Civil Engineering and Architecture Conference 2019, Trabzon, Turkey, 17 April 2019
7. **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, Switzerland, 13 - 15 September 2017, pp.290

Courses

Steel Structures I, Undergraduate, 2022 - 2023
Dynamics of Structures, Postgraduate, 2022 - 2023
Steel Structures I, Undergraduate, 2022 - 2023
Earthquake and Structural Mechanics, Undergraduate, 2022 - 2023
Earthquake and Structural Mechanics, Undergraduate, 2022 - 2023
Bilgisayar Destekli Tasarım ve Analiz, Undergraduate, 2022 - 2023
Computer Aided Design and Analysis, Undergraduate, 2022 - 2023
Yığma Yapılar, Postgraduate, 2022 - 2023

Metrics

Publication: 11

Citation (Scopus): 1

H-Index (Scopus): 1

Research Areas

Structural Engineering, Steel Structures, Performance of Constructed Facilities, Earthquake Engineering, Repair and Strengthening in Buildings, Masonry Structures