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Bölümü Of/Trabzon

International Researcher IDs

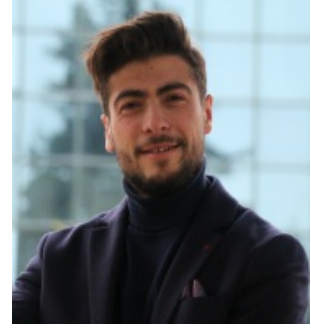
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ORCID: 0000-0002-5487-5254

Publons / Web Of Science ResearcherID: AAW-7144-2020

ScopusID: 57188846118

Yoksis Researcher ID: 264487



Learning Knowledge

Doctorate
2018 - 2024

Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey

Postgraduate
2014 - 2018

Karadeniz Technical University, Mühendislik Fakültesi/Fen Bilimleri Enstitüsü,
İNŞAAT MÜHENDİSLİĞİ, Turkey

Undergraduate
2009 - 2014

Karadeniz Technical University, Mühendislik Fakültesi/Fen Bilimleri Enstitüsü,
İNŞAAT MÜHENDİSLİĞİ, Turkey

Foreign Languages

German, A2 Elementary

Turkish, C1 Advanced

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Occupational Health and Safety, Temel İş Sağlığı ve Güvenliği Eğitimi, Karadeniz Teknik Üniversitesi, 2021

Dissertations

Postgraduate, Determination By Modal Calibration Method Based Upon Vibration Test Data Of Material Properties,
Karadeniz Technical University, Fen Bilimleri Enstitüsü, 2018

Academic Titles / Tasks

Research Assistant
2017 - Continues

Karadeniz Technical University, Of Teknoloji Fakültesi, İnşaat Mühendisliği

Supported Projects

1. Türker T., Yanık Y., Yıldırım Ö., Project Supported by Higher Education Institutions, Yapı Sağlığı İzleme Sistemleri için Çok Kanallı Titreşim Ölçüm Sistemi Tasarımı ve Yapısal Parametrelerin Belirlenmesi, 2023 - 2024
2. TÜRKER T., AYMELEK A., YANIK Y., Project Supported by Higher Education Institutions, Minarelerin Sıcaklık ve Nem Gibi Çevresel Etkilere Bağlı Olarak Yapısal Davranışının Takibi, 2022 - 2022
3. Türker T., Yanık Y., Yıldırım Ö., Project Supported by Higher Education Institutions, Titreşim Ölçüm Sistemi, 2019 - 2020

Awards

1. Türker T., Yanık Y., Yıldırım Ö., 2019/05828 numaralı "Titreşim Ölçüm Sistemi" adlı Faydalı Model, Karadeniz Teknik Üniversitesi, October 2021

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Variations of natural frequencies of masonry minarets due to environmental effects**
Yanık Y., Aymelek A., Yıldırım Ö., Demirtaş B., Türker T.
JOURNAL OF CIVIL STRUCTURAL HEALTH MONITORING, vol.13, no.8, pp.1-27, 2023 (SCI-Expanded)
2. **Full-scale structural evaluations of İskenderpaşa minaret**
Aymelek A., YANIK Y., Demirtaş B., Yıldırım Ö., Çalık İ., TÜRKER T.
Structures, vol.55, pp.1028-1044, 2023 (SCI-Expanded)
3. **Vibration testing and performance evaluation of Hagia Sophia bell tower after recent restoration**
YANIK Y., Aymelek A., Çalık İ., TÜRKER T.
Construction and Building Materials, vol.347, 2022 (SCI-Expanded)
4. **Investigation of environmental and time depended effects on historical masonry minarets by vibration test**
YANIK Y., TÜRKER T., Calik I., Yildirim O.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.37, no.2, pp.799-813, 2022 (SCI-Expanded)

Articles Published in Other Journals

1. **IDENTIFICATION MATERIAL PROPERTIES BY MODAL CALIBRATION METHOD BASED ON AMBIENT VIBRATION TESTS**
YANIK Y., TÜRKER T., YILDIRIM Ö., DEDE T.
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, vol.25, pp.573-590, 2020 (Peer-Reviewed Journal)
2. **İlyasbey Camisi'nin Yapısal Davranışının Çevresel Titreşim Testi ve Sonlu Eleman Yöntemleriyle İncelenmesi**
Türker T., Yanık Y.
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.8, pp.1431-1453, 2020 (Peer-Reviewed Journal)
3. **Historical Stone Arch Bridges' Damage Causes and Repair Techniques**

YANIK Y., TÜRKER T., ÇORUHLU B., KAMBER YILMAZ G.

Journal of Investigations on Engineering and Technology, vol.2, no.2, pp.53-60, 2019 (Peer-Reviewed Journal)

4. **Betonarme Binalarda Hasar Tespiti ve Hasar Belirleme Yöntemleri**

YANIK Y., KAMBER YILMAZ G., TÜRKER T.

Journal of Investigations on Engineering & Technology, vol.1, no.2, pp.30-36, 2018 (Peer-Reviewed Journal)

5. **Estimation of dynamic behavior of historical masonry arch bridges depending on dimensions**

ÇORUHLU B., TÜRKER T., YANIK Y., BAYRAKTAR A.

European council of civil engineers, vol.1, pp.11-17, 2018 (Peer-Reviewed Journal)

6. **Material Properties Identification of Structural Elements by Model Updating Method**

YANIK Y., TÜRKER T., yıldırım ö., DEDE T.

Eurasian Journal of Engineering Sciences and Technology,, vol.1, pp.45-53, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

1. **Damage Assessment of an Inclined Minaret with ANN**

DEMİRTAŞ B., TÜRKER T., DEDE T., YANIK Y.

5th International Conference on Advanced Engineering Technologies (ICADET-2024), Bayburt, Turkey, 25 September 2024, vol.46, pp.846-855

2. **Numerically and Experimentally Whole-Scale Investigations of a Minaret**

AYMELEK A., YANIK Y., DEMİRTAŞ B., TÜRKER T.

5th International Conference on Advanced Engineering Technologies (ICADET)-2024, Bayburt, Turkey, 25 - 27 September 2024, vol.46, pp.870-883

3. **Analysis on Prestressed Precast Girder Bridge with Different Span and Widths**

KUNT B., TÜRKER T., YANIK Y.

3rd International Conference on Advanced Engineering Technologies (ICADET - Bayburt 2019), Bayburt, Turkey, 19 - 21 September 2019, vol.1, no.1, pp.1324-1338

4. **Ilyasbey Mosque Minaret's Vibration Test and Model Calibration**

TÜRKER T., YANIK Y.

3rd International Conference on Advanced Engineering Technologies (ICADET - Bayburt 2019), Bayburt, Turkey, 19 - 21 September 2019, vol.1, no.1, pp.1240-1248

5. **A Measurement System For Natural Frequencies Identification Of Structures By Operational Modal Analysis**

YANIK Y., TÜRKER T., Yıldırım Ö., DEDE T.

4. International Conference on Civil, Environmental, Geology and Mining Engineering, Trabzon, Turkey, 20 - 22 April 2019, pp.276-284

6. **Tarihi Taş Kemer Köprülerin Modal Davranışlarının Köprü Boyutlarına Bağlı Olarak Tahmin Edilmesi**

ÇORUHLU B., TÜRKER T., YANIK Y., BAYRAKTAR A.

Uluslararası Katılımlı 6. Tarihi Yapıların Korunması ve Güçlendirilmesi Sempozyumu, Trabzon, Turkey, 2 - 04 November 2017, pp.381-389

7. **Tarihi Taş Kemer Köprülerde Hasar Nedenleri ve Onarım Teknikleri**

YANIK Y., TÜRKER T., ÇORUHLU B.

Uluslararası Katılımlı 6. Tarihi Yapıların Korunması ve Güçlendirilmesi Sempozyumu, Trabzon, Turkey, 2 - 04 November 2017, pp.391-400

8. **Material Properties Identification of Structural Elements by Model Updating Method**

YANIK Y., TÜRKER T., Yıldırım Ö., DEDE T.

International Conference on Civil and Environmental Engineering, Nevşehir, Turkey, 8 - 10 May 2017, pp.1-10

Patent

Türker T., Yanık Y., Yıldırım Ö., Titreşim ölçüm sistemi/, Utility Model, CHAPTER E Constructed Constructions (Construction), The Invention Registration Number: 2019 05828 , Standard Registration, 2021

Metrics

Publication: 18

Citation (WoS): 16

Citation (Scopus): 17

H-Index (WoS): 3

H-Index (Scopus): 3

Congress and Symposium Activities

3rd International Conference on Advanced Engineering Technologies, Attendee, Bayburt, Turkey, 2019

4. International Conference on Civil, Environmental, Geology and Mining Engineering, Attendee, Trabzon, Turkey, 2019

6th International Symposium on Conservation and Consolidation of Historical Structures, Attendee, Trabzon, Turkey, 2017

2nd INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING, Attendee, Nevşehir, Turkey, 2017

Research Areas

Electronic Circuits, Civil Engineering, Structure, Structural Engineering, Engineering and Technology

Non Academic Experience

AE Eisenflechten GmbH