



Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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Publons / Web Of Science ResearcherID: JQV-3865-2023

ScopusID: 58311142000

Yoksis Araştırmacı ID: 379683

Eğitim Bilgileri

Doktora, University of Sheffield, Mühendislik , Otomatik Kontrol ve Sistem Mühendisliği , İngiltere 2018 - 2022

Yüksek Lisans, Brunel University, İnşaat Mühendisliği, İngiltere 2016 - 2017

Lisans, Sakarya Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Türkiye 2010 - 2014

Biyografi

Dr. Adnan Kiral is a distinguished academic specializing in structural and earthquake engineering. He completed his Ph.D. at the University of Sheffield, focusing on innovative seismic control technologies, after earning his Master's degree in Civil Engineering from Brunel University. His undergraduate studies were in civil engineering at Sakarya University. With a strong academic foundation, Dr. Kiral has contributed extensively to the study of building dynamics, retrofitting techniques, and structural performance under seismic conditions. His research includes innovative solutions for seismic response control, such as semi-active damping systems, and he has shared his findings through numerous high-impact journal articles, book chapters, and international conferences. Dr. Kiral's work plays a critical role in advancing the resilience and safety of modern infrastructure.

Sertifika, Kurs ve Eğitimler

Mesleki Eğitim, Constructionarium Week held at the National Construction College England, Brunel University, PJ Careys PLC and Atkins , 2017

Yaptığı Tezler

Bütünleşik Doktora, Novel Displacement Dependent Viscous Damper for SemiactiveControl of the Seismic Response of

Multi-Storey Buildings, University of Sheffield, engineering , civil engineering, 2018

Araştırma Alanları

Yapı Mekaniği, Yapı Dinamiği, Yapı, Yapı Mühendisliği, Yapıların Performansı, Deprem Mühendisliği, Mekanik Titreşimler

Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, Recep Tayyip Erdoğan Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2022 - Devam Ediyor

Verdiği Dersler

Yapı Dinamiği, Yüksek Lisans, 2023 - 2024
İnşaat Mühendisliğinde Matlab uygulamaları, Yüksek Lisans, 2023 - 2024
Yapı Dinamiğine Giriş, Lisans, 2023 - 2024
Yapı İşletmesi Ve Keşif Metraj, Lisans, 2023 - 2024
Mühendislik Mekaniği, Lisans, 2023 - 2024
Depreme Dayanıklı Yapı Tasarımına Giriş, Yüksek Lisans, 2023 - 2024
Deprem Mühendisliğine Giriş, Lisans, 2023 - 2024

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. A case study comparing seismic retrofitting techniques for a historically significant masonry building's minaret**
Kiral A., Ergün M., Tonyali Z., Artar M., Şentürk I.
ENGINEERING FAILURE ANALYSIS, cilt.166, sa.5, ss.1-40, 2024 (SCI-Expanded)
- II. The Seismic Response Evaluation of an Existing Multi-span Reinforced Concrete Highway Bridge in the Presence of Linear and Nonlinear Viscous Dampers**
Kiral A., Gurbuz A., Ustabas I.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, cilt.24, sa.2, ss.1-19, 2024 (SCI-Expanded)
- III. Seismic performance assessment of steel buildings equipped with a new semi-active displacement-dependent viscous damper**
Kiral A., Garcia R., Petkovski M., Hajirasouliha I.
JOURNAL OF EARTHQUAKE AND TSUNAMI, cilt.1, sa.1, ss.1-18, 2024 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. The effect of LRB stiffness changes with and without supplemental viscous dampers on seismic responses of an experimentally verified MDOF building**
Kiral A., Tonyali Z.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, cilt.7, sa.7, ss.1-20, 2024 (ESCI)
- II. Evaluation of Earthquake-Related Damages on the Reinforced Concrete Buildings due to the February 6, 2023, Kahramanmaraş-Türkiye Earthquakes**
TONYALI Z., KIRAL A.
Recep Tayyip Erdogan University Journal of Science and Engineering, cilt.5, sa.1, ss.89-114, 2024 (Hakemli Dergi)
- III. Evaluation of Earthquake-Related Damages on the Reinforced Concrete Buildings due to the**

February 6, 2023, Kahramanmaras-Turkiye Earthquakes

Tonyali Z., Kiral A.

Recep Tayyip Erdogan University Journal of Science and Engineering, cilt.5, sa.1, ss.1-26, 2024 (Hakemli Dergi)

IV. Using supplemental linear viscous dampers for experimentally verified base-isolated building: Case study

Kiral A., Gürbüz A.

Journal of Structural Engineering & Applied Mechanics (Online), cilt.7, sa.1, 2024 (Hakemli Dergi)

Kitap & Kitap Bölümleri

I. Seismic Response Control of Buildings Using Viscous-Based Devices

Kiral A., Tonyali Z.

Modern Approaches to Traffic Safety and Sound Insulation, Doç. Dr. Kurtuluş ARTIK, Editör, Bidge Publisher, Ankara, ss.70-111, 2024

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Multi-Objective Optimization of an Experimentally Verified Base-Isolated Building

Kiral A., Tonyali Z.

EU 6th International Conference on Health, Engineering and Applied Sciences , Belgrade, Sırbistan, 17 - 20 Ekim 2024, ss.1-20

II. EVALUATING THE KAHRAMANMARAS EARTHQUAKE OF FEBRUARY 6 2023 IN TURKEY BASED ON NEW GENERATION ATTENUATION GROUND MOTION (NGA) MODELS

Kiral A., Tonyali Z.

EUROPEAN CONFERENCES 2nd INTERNATIONAL CONFERENCE ON HEALTH, ENGINEERING AND APPLIED SCIENCES, Belgrade, Sırbistan, 4 - 06 Ağustos 2023, ss.1-6

III. STRUCTURAL AND ECONOMIC EFFECTS OF SEA LEVEL RISING IN HATAY-ISKENDERUN AFTER 6 FEBRUARY 2023 TURKEY-SYRIA EARTHQUAKE

Süme V., Kiral A.

4th INTERNATIONAL MEDITERRANEAN CONGRESS, Lefkoşa, Kıbrıs (Kkct), 15 - 16 Haziran 2023, ss.241-248

IV. Using the Concept of "Weakening and Viscous Damping" for retrofitting of a Structure

Kiral A., Gürbüz A., Ustabaş İ.

EGE 8th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, İzmir, Türkiye, 2 - 04 Haziran 2023, ss.1-10

V. THE FEBRUARY 6, 2023, KAHRAMANMARAS-TURKIYE EARTHQUAKES: SEISMO-TECTONIC EVALUATIONS AND EFFECTS ON REINFORCED CONCRETE BUILDINGS

Kiral A., Tonyali Z.

EGE 8th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, İzmir, Türkiye, 2 - 04 Haziran 2023, ss.1-12

VI. Semiactive Fluid Viscous Damper for Seismic Control of Multi-Storey Buildings

Kiral A., Petkovski M.

ACSE Seminer / Sheffield UK, Sheffield, İngiltere, 03 Mart 2020, ss.1

Diğer Yayınlar

I. DEPREMDE "Miroğlu Gıda San. ve Tic. A.Ş." ye AİT UN FABRİKASI BİNASINDA MEYDANA GELEN HASARLARIN GÜÇLENDİRME YAPILARAK YAPI GÜVENLİĞİNİN SAĞLANMASINA AİT TEKNİK RAPOR

Süme V., Kiral A.

Teknik Rapor, ss.1-9, 2023

II. Novel Displacement Dependent Viscous Damper for Semiactive Control of the Seismic Response of

Multistorey Buildings

Kıral A., Petkovski M.

Diğer, ss.1-120, 2022

Bilirkişi Raporları

I. Bina Deprem Güvenlik Değerlendirme Raporu

Gürbüz A., Kıral A., Kaya A., Yılmaz F.

Kahramanmaraş Cumhuriyet Savcılığı, ss.33, Kahramanmaraş, 2024

Metrikler

Yayın: 18