

Res. Asst. CAVİT SERHATOĞLU

Personal Information

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International Researcher IDs

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Yoksis Researcher ID: 193427

Education Information

2015 - Continues	Doctorate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, İnşaat Mühendisliği (Dr), Turkey
2010 - Continues	Undergraduate, Anadolu University, Faculty Of Economics, Department Of Public Administration, Turkey
2018 - 2020	Associate Degree, Bursa Uludağ University, MENNAN PASİNLİ ATÇILIK MYO, Horse Riding and Coaching, Turkey
2013 - 2015	Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, İnşaat Mühendisliği (Y) (Tezli), Turkey
2008 - 2012	Undergraduate, Selcuk University, Faculty Of Engineering, Department Of Civil Engineering, Turkey

Foreign Languages

English, C1 Advanced

Dissertations

2015	Bursa tarihi minarelerinin dinamik davranışlarının ve performanslarının incelemesi, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, İnşaat Mühendisliği (Y) (Tezli), Postgraduate
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Research Areas

Civil Engineering, Building Dynamics, Structure, Structural Engineering, Performance of Constructed Facilities, Earthquake Engineering, Concrete Structures, Repair and Strengthening in Buildings, Masonry Structures, Engineering and Technology

Academic Titles / Tasks

2013 - Continues	Research Assistant, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, FEN BİLİMLERİ ENSTİTÜSÜ
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Published journal articles indexed by SCI, SSCI, and AHCI

1. Damage observations of RC buildings from 2023 Kahramanmaraş earthquake sequence and

discussion on the seismic code regulations

Vuran E., SERHATOĞLU C., Timurağaoğlu M., Smyrou E., Bal İ. E., LİVAOĞLU R.

Bulletin of Earthquake Engineering, 2024 (SCI-Expanded)

- II. **A fast and practical approximations for fundamental period of historical Ottoman minarets**
Serhatoğlu C., Livaoğlu R.
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.120, pp.320-331, 2019 (SCI-Expanded)
- III. **Damage during the 6-24 February 2017 Ayvacik (Canakkale) earthquake swarm**
Livaoğlu R., Timuragaoglu M. Ö., Serhatoğlu C., Döven M. S.
NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, vol.18, no.3, pp.921-934, 2018 (SCI-Expanded)
- IV. **Effect of geometric properties on dynamic behavior of historic masonry minaret**
Livaoğlu R., Basturk M. H., Doğangün A., Serhatoğlu C.
KSCE JOURNAL OF CIVIL ENGINEERING, vol.20, pp.2392-2402, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **DYNAMIC BEHAVIOR CHANGE OF KÜTAHYA YEŞİL MINARET WITH COVERED AND OPEN BALCONY ARCHITECTURE**
Döven M. S., Serhatoğlu C., Kaplan O., Livaoğlu R.
Eskişehir Technical University Journal of Science and Technology B- Theoretical Sciences, vol.6, pp.192-203, 2018 (Peer-Reviewed Journal)
- II. **NATURAL CHARACTERISTICS AND NONLINEAR BEHAVIOR OF A NEW RC FORMWORK SYSTEM**
Serhatoğlu C., Nguyen Q. T., Livaoğlu R.
Eskişehir Technical University Journal of Science and Technology B- Theoretical Sciences, vol.6, pp.97-108, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **BURSA TARİHİ MİNARELERİNİN DİNAMİK KARAKTERİSTİKLERİ VE HIZLI DEĞERLENDİRİLME İÇİN DOĞAL TİTREŞİM PERİYODU TAHMİNİ**
Serhatoğlu C., Livaoğlu R.
Bursa Tarihi Cami Minarelerinin Deprem Davranışı Çalıştayı, İstanbul, Turkey, 27 November 2021, pp.29-34
- II. **SIMPLE DETERMINATION OF THE HISTORICAL MINARETS' PERIOD**
SERHATOĞLU C., LİVAOĞLU R.
International Civil Engineering and Architecture Conference 2019 (ICEARC'19), Trabzon, Turkey, 17 - 20 April 2019, pp.2041-2048
- III. **Seismic Performance of Hocalazade Minaret Strengthened by Steel Tube**
SERHATOĞLU C., LİVAOĞLU R.
13th International Congress on Advances in Civil Engineering, İzmir, Turkey, 12 - 14 September 2018, pp.1-8
- IV. **The Effect of Shear Connector Ratios on the Concrete-to Concrete Interface**
NGUYEN Q. T., SERHATOĞLU C., LİVAOĞLU R.
13th International Congress on Advances in Civil Engineering, İzmir, Turkey, 12 - 14 September 2018, pp.1-8
- V. **DYNAMIC BEHAVIOR CHANGE OF KUTAHYA YEŞİL MINARET WITH COVERED AND OPEN BALCONY ARCHITECTURE**
DÖVEN M. S., SERHATOĞLU C., KAPLAN O., LİVAOĞLU R.
4rd International Conference on Earthquake Engineering and Seismology (4ICEES), Eskişehir, Turkey, 11 - 13 October 2017
- VI. **EVALUATION OF FLAT SLAB HIGH RISE BUILDINGS PERFORMS SUBJECTED TO MEDIUM SEISMIC HAZARD REGIONS**
LİVAOĞLU R., HAKAN Ö., ŞANCI E., SERHATOĞLU C.

- 4rd International Conference on Earthquake Engineering and Seismology (4ICEES), Eskişehir, Turkey, 11 - 13 October 2017
- VII. **NEW INTEGRATED MOLD SYSTEM DESIGNED FOR REINFORCED CONCRETE STRUCTURES**
SERHATOĞLU C., NGUYEN Q. T., LİVAOĞLU R.
4rd International Conference on Earthquake Engineering and Seismology (4ICEES), Eskişehir, Turkey, 11 - 13 October 2017
- VIII. **RAPID VALIDATION OF FUNDAMENTAL PERIOD FOR HISTORIC MINARETS**
SERHATOĞLU C., LİVAOĞLU R.
4rd International Conference on Earthquake Engineering and Seismology (4ICEES), Eskişehir, Turkey, 11 - 13 October 2017
- IX. **EVALUATION OF P-DELTA EFFECT ON THE PERFORMACE OF HIGH RISE STRUCTURE SUBJECTED TO MEDIUM DEGREE SEISMIC HAZARD REGIONS**
LİVAOĞLU R., ŞANCI E., HAKAN Ö., SERHATOĞLU C.
4rd International Conference on Earthquake Engineering and Seismology (4ICEES), Eskişehir, Turkey, 11 - 13 October 2017
- X. **Effect of Boundary Condition of Boot Wall on Dynamic and Seismic Behavior for Historical ÜftadeMinaret**
SERHATOĞLU C., LİVAOĞLU R.
International Congress on Applied Science and Technology (ASTECH'xx2017), Malaga, Spain, 17 - 20 April 2017
- XI. **From a civil engineering point of view February, 6-24 2017 Çanakkale earthquake swarm**
LİVAOĞLU R., SERHATOĞLU C., TİMURAĞAOĞLU M. Ö.
International Congress on Applied Science and Technology (ASTECH'xx2017), Malaga, Spain, 17 - 20 April 2017
- XII. **Dynamic Characteristics and Seismic Safety of the Historical Minarets of Yeşil Mosque**
SERHATOĞLU C., LİVAOĞLU R.
12th International Congress on Advances in Civil Engineering (ACE2016), İstanbul, Turkey, 21 - 23 September 2016
- XIII. **Dynamic Characteristics and Seismic Behavior of Historical Minaret of the Altıparmak Mosque**
SERHATOĞLU C., LİVAOĞLU R.
ICENS, 24 - 28 May 2016
- XIV. **Ottoman Cultural Heritages in Bursa Structural Determination of Historical Minarets**
LİVAOĞLU R., SERHATOĞLU C.
ICENS, 24 - 28 May 2016
- XV. **Tarihi Molla Arap Cami Minaresinin Dinamik Karakteristikleri ve Deprem Analizi**
SERHATOĞLU C., LİVAOĞLU R.
5. Tarihi Eserlerin Güçlendirilmesi ve Geleceğe Güvenle Devredilmesi Sempozyumu, Erzurum, Turkey, 1 - 03 October 2015, pp.239-249
- XVI. **Tarihi Muradiye Cami Minarelerinin Dinamik Karakteristikleri ve Deprem Analizi**
SERHATOĞLU C., LİVAOĞLU R., BAĞBANCI M. B.
5th International Earthquake Symposium, Kocaeli, Turkey, 10 - 12 June 2015, pp.275-286
- XVII. **Dynamic Identification of Monumental and Historical Minaret of Şehadet**
SERHATOĞLU C., LİVAOĞLU R., BAĞBANCI M. B.
6th International Operational Modal Analysis Conferences, Gijon, Spain, 12 - 14 May 2015

Supported Projects

2014 - 2016

Narin yığma yapıların dinamik davranışlarının deprem ve rüzgâra karşı performansının incelenmesi,
Project Supported by Higher Education Institutions

Activities in Scientific Journals

Scientific Refereeing

May 2019

International Journal Of Architectural Heritage, SCI Journal

Metrics

Publication: 27

Citation (WoS): 55

Citation (Scopus): 62

H-Index (WoS): 3

H-Index (Scopus): 4

Awards

June 2020

Department Degree, Bursa Uludağ Üniversitesi/Mennan Pasinli Atçılık Myo/ Atçılık Ve Antrenörlüğü Bölümü

June 2012

Department degree, Selçuk Üniversitesi İnşaat Mühendisliği Bölümü