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Yoksis Araştırmacı ID: 53448

Eğitim Bilgileri

Doktora, Karadeniz Teknik Üniversitesi, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Bölümü, Türkiye 2004 - 2010

Lisans, Karadeniz Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Türkiye 2000 - 2004

Yabancı Diller

İngilizce, C1 İleri

Sertifika, Kurs ve Eğitimler

İş Sağlığı ve Güvenliği, İşyeri Hekimliği ve İş Güvenliği Uzmanlığı Eğitici Belgesi, T.C. Çalışma ve Sosyal Güvenlik Bakanlığı, 2013

Eğitim Yönetimi ve Planlama, Deprem Bölgelerinde Yapılacak Binalar Hakkında Yönetmelik, T.C. Çevre ve Şehircilik Bakanlığı, 2012

Yaptığı Tezler

Doktora, Karayolu Köprülerinin Yapısal Davranışlarının Analitik ve Deneysel Yöntemlerle Belirlenmesi, Karadeniz Teknik Üniversitesi, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Bölümü, 2010

Araştırma Alanları

İnşaat Mühendisliği, Yapı, Bina Türleri (Endüstriyel, Ticari, Kamu, Mesken vb), Yapı Mühendisliği, Çelik Yapılar, Ahşap Yapılar, Yapıların Performansı, Deprem Mühendisliği, Yığma Yapılar, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Prof. Dr., Karadeniz Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği, 2018 - Devam Ediyor
Doç. Dr., Karadeniz Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği, 2012 - 2018
Yrd. Doç. Dr., Karadeniz Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği, 2011 - 2012
Araştırma Görevlisi, Karadeniz Teknik Üniversitesi, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Bölümü, 2005 - 2010

Akademik İdari Deneyim

Bölüm Başkan Yardımcısı, Karadeniz Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği, 2014 - 2016

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- I. **Ambient Vibration-Based Seismic Evaluation of Long-Span Prestressed Concrete Box-Girder Bridges Under Long-Duration, Near-Fault and Far-Fault Ground Motions**
ALTUNIŞIK A. C., SUNCA F., SEVİM B.
JOURNAL OF EARTHQUAKE AND TSUNAMI, cilt.18, sa.6, 2024 (SCI-Expanded)
- II. **Experimental assessment of FRP repairing in concrete cylinders exposed high temperatures**
AKBULUT Y. E., NAYIR S., ALTUNIŞIK A. C., KAHYA V., SÜNNETCİ M. O., ERSOY H.
CASE STUDIES IN CONSTRUCTION MATERIALS, cilt.21, 2024 (SCI-Expanded)
- III. **Shake table tests on story-to-story pounding between adjacent RC buildings**
SUNCA F., ALTUNIŞIK A. C., Kaya A., GENÇ A. F., Şahin M. C., Karahasan A. K.
Structures, cilt.69, 2024 (SCI-Expanded)
- IV. **Estimating fundamental frequency of masonry arches under elevated temperature: numerical analysis and validation using ambient vibration tests**
ALTUNIŞIK A. C., Ozturk M. M., GENÇ A. F., Kaya A., AKBULUT Y. E., SUNCA F., GÜNAYDIN M.
ARCHIVES OF CIVIL AND MECHANICAL ENGINEERING, sa.1, 2024 (SCI-Expanded)
- V. **Applications of optical flow methods and computer vision in structural health monitoring for enhanced modal identification**
HACİEFENDİOĞLU K., KAHYA V., Limongelli M. G., OKUR F. Y., ALTUNIŞIK A. C., Aslan T., Pembeoğlu S., Duman C., Bostan A., Aleit H.
Structures, cilt.69, 2024 (SCI-Expanded)
- VI. **Seismic performance assessment of a base-isolated hospital building subjected to February 6, 2023, Kahramanmaraş, Türkiye earthquakes (Mw 7.7 Pazarcık and Mw 7.6 Elbistan) and seismic fragility analysis considering different construction stages**
Şen F., SUNCA F., ALTUNIŞIK A. C.
Soil Dynamics and Earthquake Engineering, cilt.185, 2024 (SCI-Expanded)
- VII. **Investigation of the Effects of Sprinkler System in Automated Vehicle Parking Structures Using Performance-Based Fire Assessment**
ALTUNIŞIK A. C., Mostofi S., BALTACI A., AKBULUT Y. E., OKUR F. Y.
FIRE TECHNOLOGY, 2024 (SCI-Expanded)
- VIII. **2022 Düzce, Türkiye earthquake: advances in the past 2 decades, lessons learned, and future projections**
DEMİR A., Gunay S., Marinkovic M., DİLSİZ A., Bektas N., Khalil Z., Arslan M. E., ALTUNIŞIK A. C., Caglar N., Mosalam K., et al.
BULLETIN OF EARTHQUAKE ENGINEERING, cilt.22, sa.11, ss.5835-5862, 2024 (SCI-Expanded)
- IX. **Modal participation ratio in damage identification of building structures: A numerical validation**
YILMAZ Z., OKUR F. Y., GÜNAYDIN M., ALTUNIŞIK A. C.
JVC/Journal of Vibration and Control, cilt.30, sa.15-16, ss.3269-3283, 2024 (SCI-Expanded)
- X. **Performance-based fire assessment of a fully automated multi-storey steel parking structure: A computational approach**

Mostofi S., Baltacı A., Akbulut Y. E., Okur F. Y., Altunışık A. C.

CASE STUDIES IN THERMAL ENGINEERING, cilt.60, 2024 (SCI-Expanded)

- XI. **Numerical and Experimental Investigation on Cyclic Behavior of Masonry Infill Walls Retrofitted with CFRP**
Roudane B., ADANUR S., ALTUNIŞIK A. C.
International Journal of Civil Engineering, cilt.22, sa.7, ss.1117-1136, 2024 (SCI-Expanded)
- XII. **Structural response of half-scale pumice concrete masonry building: shake table/ambient vibration tests and FE analysis**
Kaya A., Roudane B., Adanur S., SUNCA F., GENÇ A. F., GÜNAYDIN M., ALTUNIŞIK A. C.
MECCANICA, cilt.59, sa.7, ss.1159-1190, 2024 (SCI-Expanded)
- XIII. **Estimation of Damage Levels in Masonry Structures Following Earthquake Impact Using Deep Learning-based Segmentation Method**
HACIEFENDİOĞLU K., ÖZGAN K., ADANUR S., ALTUNIŞIK A. C., Demirer B., GÜNAYDIN M.
Journal of Earthquake and Tsunami, cilt.18, sa.2, 2024 (SCI-Expanded)
- XIV. **Dynamic characteristics changes of masonry arches exposed to elevated temperature**
ALTUNIŞIK A. C., ÖZTÜRK M. M., GENÇ A. F., GÜNAYDIN M., KAYA A., AKBULUT Y. E., SUNCA F.
Construction and Building Materials, cilt.418, 2024 (SCI-Expanded)
- XV. **Automatic Detection of Collapsed Buildings after the 6 February 2023 Türkiye Earthquakes Using Post-Disaster Satellite Images with Deep Learning-Based Semantic Segmentation Models**
HACIEFENDİOĞLU K., BAŞAĞA H. B., KAHYA V., ÖZGAN K., ALTUNIŞIK A. C.
BUILDINGS, cilt.14, sa.3, 2024 (SCI-Expanded)
- XVI. **Experimental measurement-based FE model updating and seismic response of Santa Maria Church and its guesthouse building**
ALTUNIŞIK A. C., GÜNAYDIN M., ERTÜRK ATMACA E., GENÇ A. F., OKUR F. Y., SEVİM B.
Journal of Civil Structural Health Monitoring, cilt.14, sa.3, ss.663-692, 2024 (SCI-Expanded)
- XVII. **Evaluation of earthquake-related damages on masonry structures due to the 6 February 2023 Kahramanmaraş-Türkiye earthquakes: A case study for Hatay Governorship Building**
KAHYA V., GENÇ A. F., SUNCA F., Roudane B., ALTUNIŞIK A. C., Yilmaz S., GÜNAYDIN M., Dok G., Kirtel O., Demir A., et al.
Engineering Failure Analysis, cilt.156, 2024 (SCI-Expanded)
- XVIII. **Vibration characteristics of 'Serender'; traditional Turkish storage buildings in Eastern Black Sea region**
GÜNAYDIN M., GENÇ A. F., Yilmaz Z., ALTUNIŞIK A. C., LAKOT ALEMDAĞ E., AL ŞENSOY S.
JOURNAL OF ARCHITECTURAL CONSERVATION, cilt.30, sa.1, ss.56-76, 2024 (AHCI)
- XIX. **Field Observations and Numerical Investigations on Seismic Damage Assessment of RC and Masonry Minarets During the February 6th, 2023, Kahramanmaraş (Mw 7.7 Pazarcık and Mw 7.6 Elbistan) Earthquakes in Türkiye**
ATMACA B., ERTÜRK ATMACA E., Roudane B., Güleş O., Demirkaya E., Aykanat B., ALTUNIŞIK A. C., GÜNAYDIN M., Arslan M. E., KAHYA V., et al.
International Journal of Architectural Heritage, 2024 (SCI-Expanded)
- XX. **A Simulation-Based Investigation on Thermal Responses of Suspension Bridge Tower Under Different Fire Scenarios**
Mostofi S., ALTUNIŞIK A. C., AKBULUT Y. E., OKUR F. Y.
Arabian Journal for Science and Engineering, 2024 (SCI-Expanded)
- XXI. **Surrogate Model-Driven Estimation of Adiabatic Surface Temperature of Fire Exposed Suspension Bridge Towers**
Mostofi S., ALTUNIŞIK A. C.
Fire Technology, 2024 (SCI-Expanded)
- XXII. **Experimental Study of the Effect of Different Insulation Schemes on Fire Performance of FRP Strengthened Concrete: FIRECOAT and REALROCK**
ALTUNIŞIK A. C., AKBULUT Y. E., ADANUR S., GÜNAYDIN M., Mostofi S., Mosallam A.

- International Journal of Concrete Structures and Materials, cilt.17, sa.1, 2023 (SCI-Expanded)
- XXIII. **Field Observations and Damage Evaluation in Reinforced Concrete Buildings After the February 6th, 2023, Kahramanmaraş-Türkiye Earthquakes**
Altunışık A. C., Arslan M. E., Kahya V., Aslan B., Sezdirmez T., Dok G., Kirtel O., Öztürk H., Sunca F., Baltacı A., et al.
JOURNAL OF EARTHQUAKE AND TSUNAMI, cilt.17, sa.6, 2023 (SCI-Expanded)
- XXIV. **Enhanced Modal Participation Ratio-Based Structural Damage Identification: A New Filtering Approach Using Modal Assurance Criteria**
Yılmaz Z., OKUR F. Y., GÜNAYDIN M., ALTUNIŞIK A. C.
Buildings, cilt.13, sa.10, 2023 (SCI-Expanded)
- XXV. **Evaluation of soil structure interaction effects on structural performance of historical masonry buildings considering earthquake input models**
GENÇ A. F., Ertürk Atmaca E., GÜNAYDIN M., ALTUNIŞIK A. C., SEVİM B.
STRUCTURES, cilt.54, ss.869-889, 2023 (SCI-Expanded)
- XXVI. **Numerical Simulation of Severe Damage to a Historical Masonry Building by Soil Settlement**
Ertürk Atmaca E., GENÇ A. F., ALTUNIŞIK A. C., GÜNAYDIN M., SEVİM B.
BUILDINGS, cilt.13, sa.8, 2023 (SCI-Expanded)
- XXVII. **Evaluating the high-temperature endurance of FRP-strengthened concrete using an innovative insulation system: Experimental investigation**
Altunışık A. C., Akbulut Y. E., Adanur S., Kaya A., Günaydın M., Mostofi S., Mosallam A.
JOURNAL OF BUILDING ENGINEERING, cilt.73, 2023 (SCI-Expanded)
- XXVIII. **Progressive collapse assessment of Osmangazi Suspension Bridge due to sudden hanger breakage under different loading conditions**
Kalkan Okur E., OKUR F. Y., ALTUNIŞIK A. C., GÜNAYDIN M., ADANUR S.
ENGINEERING FAILURE ANALYSIS, cilt.149, 2023 (SCI-Expanded)
- XXIX. **A Parametric Study on Damage Assessment of RC Buildings Subjected to Blast Loading**
ALTUNIŞIK A. C., Önalın F., SUNCA F.
Arabian Journal for Science and Engineering, cilt.48, sa.4, ss.5115-5137, 2023 (SCI-Expanded)
- XXX. **Soil-Structure Interaction and Earthquake Input Models Effect on the Structural Response of the Santa Maria Church and Guesthouse Building**
ALTUNIŞIK A. C., GENÇ A. F., ERTÜRK E., GÜNAYDIN M., OKUR F. Y., SEVİM B.
JOURNAL OF EARTHQUAKE ENGINEERING, cilt.27, sa.14, ss.4094-4125, 2023 (SCI-Expanded)
- XXXI. **Modal parameter identification and seismic assessment of historical timber structures under near-fault and far-fault ground motions**
Can Altunışık A. C., SUNCA F., SEVİM B.
STRUCTURES, cilt.47, ss.1624-1651, 2023 (SCI-Expanded)
- XXXII. **Post-earthquake damage assessments of unreinforced masonry (URM) buildings by shake table test and numerical visualization**
Kaya A., ADANUR S., Bello R. A., GENÇ A. F., OKUR F. Y., SUNCA F., GÜNAYDIN M., ALTUNIŞIK A. C., SEVİM B.
Engineering Failure Analysis, cilt.143, 2023 (SCI-Expanded)
- XXXIII. **Timber vernacular structures: 'Serender' Turkish storage buildings in Eastern Black Sea Region**
LAKOT ALEMDAĞ E., AL ŞENSOY S., TAVŞAN F., GÜNAYDIN M., GENÇ A. F., YILMAZ Z., ALTUNIŞIK A. C.
Journal of Architectural Conservation, cilt.29, sa.3, ss.193-213, 2023 (AHCI)
- XXXIV. **Influence of earthquake angle on seismic performance of concrete highway bridges**
ALTUNIŞIK A. C., Okur E. K.
GRADEVINAR, cilt.75, sa.10, ss.1013-1024, 2023 (SCI-Expanded)
- XXXV. **Diagnosis and Monitoring of Historical Timber Velipasa Han Building Prior to Restoration**
GÜNAYDIN M., DEMİRKİR C., ALTUNIŞIK A. C., GEZER E. D., GENÇ A. F., OKUR F. Y.
INTERNATIONAL JOURNAL OF ARCHITECTURAL HERITAGE, cilt.17, sa.2, ss.285-309, 2023 (SCI-Expanded)
- XXXVI. **Experimental investigation on new mechanical systems effectiveness to reduce the coupling beam damages**
Sesli H., HÜSEM M., SUNCA F., ALTUNIŞIK A. C., OKUR F. Y.

- BULLETIN OF EARTHQUAKE ENGINEERING, cilt.21, sa.1, ss.535-582, 2023 (SCI-Expanded)
- XXXVII. **Post-Earthquake Damage Assessments of Historic Mosques and Effects of Near-Fault and Far-Fault Ground Motions on Seismic Responses**
Altunışık A. C., Sunca F., Genç A. F., Tavşan C.
INTERNATIONAL JOURNAL OF ARCHITECTURAL HERITAGE, cilt.17, sa.7, ss.1043-1078, 2023 (SCI-Expanded)
- XXXVIII. **Structural condition assessment of a historical masonry school building using experimental and numerical methods**
GÜNAYDIN M., GENÇ A. F., Altunsisk A. C., HACIEFENDİOĞLU K., OKUR F. Y., Okur E., ADANUR S.
JOURNAL OF CIVIL STRUCTURAL HEALTH MONITORING, cilt.12, sa.5, ss.1083-1113, 2022 (SCI-Expanded)
- XXXIX. **Automated Estimation of Exposed Temperature and Strength Changing Ratio for Fire-Damaged Concrete Using Deep Learning Method**
Haciefendioğlu K., Akbulut Y. E., Nayır S., Başağa H. B., Altunışık A. C.
EXPERIMENTAL TECHNIQUES, cilt.46, sa.5, ss.793-810, 2022 (SCI-Expanded)
- XL. **Automatic Estimation of Post-fire Compressive Strength Reduction of Masonry Structures Using Deep Convolutional Neural Network**
HACIEFENDİOĞLU K., GENÇ A. F., NAYIR S., AYAS S., ALTUNIŞIK A. C.
FIRE TECHNOLOGY, cilt.58, sa.5, ss.2779-2809, 2022 (SCI-Expanded)
- XLI. **Effect of Ground Motion Scaling Methods on Seismic Response of Masonry Clock Towers**
Erturk E., ALTUNIŞIK A. C., GENÇ A. F.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, cilt.46, sa.4, ss.3001-3024, 2022 (SCI-Expanded)
- XLII. **Dynamic Characteristics Monitoring Changes of Damaged and Retrofitted RC Buildings**
GÜNAYDIN M., ADANUR S., ALTUNIŞIK A. C., Mosallam A., SEVİM B.
EXPERIMENTAL TECHNIQUES, cilt.46, sa.3, ss.457-484, 2022 (SCI-Expanded)
- XLIII. **Experimental Investigation on Dynamic Characteristics Changes of Fire Exposed Reinforced Concrete and Steel Members**
Altunışık A. C., Akbulut Y. E., Başağa H. B., Mostofi S., Mosallam A., Wafa L. F.
FIRE TECHNOLOGY, cilt.58, sa.3, ss.1169-1208, 2022 (SCI-Expanded)
- XLIV. **A new type notched slab approach for timber-concrete composite construction: Experimental and numerical investigation**
YILMAZ S., KARAHASAN O. Ş., ALTUNIŞIK A. C., VURAL N., DEMİR S.
STRUCTURAL ENGINEERING AND MECHANICS, cilt.81, sa.6, ss.737-750, 2022 (SCI-Expanded)
- XLV. **Nondestructive Experimental Measurement, Model Updating, and Fatigue Life Assessment of carsamba Suspension Bridge**
GÜNAYDIN M., SUNCA F., ALTUNIŞIK A. C., Ergun M., OKUR F. Y.
JOURNAL OF BRIDGE ENGINEERING, cilt.27, sa.2, 2022 (SCI-Expanded)
- XLVI. **FE model updating and seismic performance evaluation of a historical masonry clock tower**
GÜNAYDIN M., ERTÜRK E., GENÇ A. F., OKUR F. Y., ALTUNIŞIK A. C., TAVŞAN C.
EARTHQUAKES AND STRUCTURES, cilt.22, sa.1, ss.65-82, 2022 (SCI-Expanded)
- XLVII. **Effects of Concrete Strength and Openings in Infill Walls on Blasting Responses of RC Buildings Subjected to TNT Explosive**
ALTUNIŞIK A. C., Onalan F., SUNCA F.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, cilt.45, sa.4, ss.2525-2554, 2021 (SCI-Expanded)
- XLVIII. **Assessment of Structural Damage Following the October 30, 2020 Aegean Sea Earthquake and Tsunami**
ALTUNIŞIK A. C., ATMACA B., Kartal M. E., GÜNAYDIN M., DEMİR S., Ulsan A.
JOURNAL OF EARTHQUAKE AND TSUNAMI, cilt.15, sa.06, 2021 (SCI-Expanded)
- XLIX. **Multiple damage detection in laminated composite beams using automated model update**
Kahya V., Okur F. Y., Şimşek S., Altunışık A. C., Aslan M.
STRUCTURES, cilt.34, ss.1665-1683, 2021 (SCI-Expanded)

- L. **Dynamic response of a traditional himis, mansion using updated FE model with operational modal testing**
Okur E. K., ALTUNIŞIK A. C., OKUR F. Y., Meral M., YILMAZ Z., GÜNAYDIN M., GENÇ A. F.
JOURNAL OF BUILDING ENGINEERING, cilt.43, 2021 (SCI-Expanded)
- LI. **Modal identification and fatigue behavior of Eynel steel arch highway bridge with calibrated models**
SUNCA F., Ergun M., ALTUNIŞIK A. C., GÜNAYDIN M., OKUR F. Y.
JOURNAL OF CIVIL STRUCTURAL HEALTH MONITORING, cilt.11, sa.5, ss.1337-1354, 2021 (SCI-Expanded)
- LII. **Effects of the vertical component of ground motion on the seismic performance of Bhakra Gravity Dam**
Sevim B., Altunışık A. C., Günaydın M.
ADVANCES IN CONCRETE CONSTRUCTION, cilt.12, sa.3, ss.243-255, 2021 (SCI-Expanded)
- LIII. **Numerical investigation on dynamic characteristics changes of RC columns and frames under elevated temperature**
Akbulut Y. E., Altunışık A. C., Başağa H. B., Mostofi S., Mosallam A., Wafa L. F.
COMPUTERS AND CONCRETE, cilt.28, sa.2, ss.149-187, 2021 (SCI-Expanded)
- LIV. **Performance Evaluation of Reinforced Concrete Buildings During the Sivrice-Elazig Earthquake (M_w=6.8, January 24, 2020) in Accordance with Turkish Earthquake Code**
DEMİR S., GÜNAYDIN M., ATMACA B., ALTUNIŞIK A. C., HÜSEM M., ADANUR S., ANGIN Z., ATEŞ Ş.
JOURNAL OF EARTHQUAKE AND TSUNAMI, cilt.15, sa.04, 2021 (SCI-Expanded)
- LV. **Assessment of modal characteristics of cross-laminated timber beams subject to successive damages**
GENÇ A. F., KAHYA V., ALTUNIŞIK A. C., GÜNAYDIN M., DEMİRKİR C.
ARCHIVES OF CIVIL AND MECHANICAL ENGINEERING, cilt.21, sa.3, 2021 (SCI-Expanded)
- LVI. **Deformation modulus of rock foundation in Deriner Arch Dam**
Yılmaz D., ALTUNIŞIK A. C., ADANUR S.
GEOMECHANICS AND ENGINEERING, cilt.26, sa.1, ss.63-75, 2021 (SCI-Expanded)
- LVII. **Elevated Temperature Effect on the Dynamic Characteristics of Steel Columns and Frames**
Akbulut Y. E., Altunışık A. C., Başağa H. B., Mostofi S., Mosallam A., Wafa L. F.
INTERNATIONAL JOURNAL OF STEEL STRUCTURES, cilt.21, sa.3, ss.861-882, 2021 (SCI-Expanded)
- LVIII. **Optimal sensor placements for system identification of concrete arch dams**
ALTUNIŞIK A. C., SEVİM B., SUNCA F., OKUR F. Y.
ADVANCES IN CONCRETE CONSTRUCTION, cilt.11, sa.5, ss.397-407, 2021 (SCI-Expanded)
- LIX. **Residual mechanical properties of triaxial CFRP laminates after thermal cycling and ultraviolet radiation exposure of composite bridge members**
Mosallam A. S., Xin H., Salama M. A., ALTUNIŞIK A. C., ADANUR S., Elmikawi M.
STRUCTURES, cilt.30, ss.166-173, 2021 (SCI-Expanded)
- LX. **Seismic damage assessment of masonry buildings in Elazig and Malatya following the 2020 Elazig-Sivrice earthquake, Turkey**
GÜNAYDIN M., ATMACA B., DEMİR S., ALTUNIŞIK A. C., HÜSEM M., ADANUR S., ATEŞ Ş., ANGIN Z.
BULLETIN OF EARTHQUAKE ENGINEERING, cilt.19, sa.6, ss.2421-2456, 2021 (SCI-Expanded)
- LXI. **Damage Localization in Laminated Composite Beams with Multiple Edge Cracks Based on Vibration Measurements**
KAHYA V., Karaca S., OKUR F. Y., ALTUNIŞIK A. C., ASLAN M.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, cilt.45, sa.1, ss.75-87, 2021 (SCI-Expanded)
- LXII. **Optimal Sensor Placement for Laminated Composite and Steel Cantilever Beams by the Effective Independence Method**
SUNCA F., Okur F. Y., Altunisik A. C., Kahya V.
STRUCTURAL ENGINEERING INTERNATIONAL, cilt.31, sa.1, ss.85-92, 2021 (SCI-Expanded)
- LXIII. **Numerical and Experimental Investigation on Dynamic Characteristic Changes of Encased Steel Profile Before and After Cyclic Loading Tests**
Nasery M. M., HÜSEM M., OKUR F. Y., ALTUNIŞIK A. C.

- INTERNATIONAL JOURNAL OF CIVIL ENGINEERING, cilt.18, sa.12, ss.1411-1431, 2020 (SCI-Expanded)
- LXIV. **Field Investigation on the Performance of Mosques and Minarets during the Elazig-Sivrice Earthquake**
ATMACA B., DEMİR S., GÜNAYDIN M., ALTUNIŞIK A. C., HÜSEM M., ATEŞ Ş., ADANUR S., ANGIN Z.
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- LXV. **Ambient vibration test and modelling of historical timer mosques after restoration**
ALTUNIŞIK A. C., KARAHASAN O. Ş., OKUR F. Y., Kalkan E., ÖZGAN K.
PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-STRUCTURES AND BUILDINGS, cilt.173, sa.12, ss.956-968, 2020 (SCI-Expanded)
- LXVI. **Model updating-based automated damage detection of concrete-encased composite column-beam connections**
Nasery M. M., HÜSEM M., OKUR F. Y., ALTUNIŞIK A. C., Nasery M. E.
STRUCTURAL CONTROL & HEALTH MONITORING, cilt.27, sa.10, 2020 (SCI-Expanded)
- LXVII. **Nonlinear Dynamic Response of a RC Frame for Different Structural Conditions Including the Effect of FE Model Updating**
GÜNAYDIN M., GENÇ A. F., KARAHASAN O. Ş., ALTUNIŞIK A. C., OKUR F. Y., ADANUR S.
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