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EĐitim Bilgileri

Doktora, Karadeniz Teknik Üniversitesi, Fen Bilimleri Enstitüsü, İnŐaat MühendisliĐi Bölümü, Türkiye 2004 - 2010

Lisans, Karadeniz Teknik Üniversitesi, Mühendislik Fakültesi, İnŐaat MühendisliĐi Bölümü, Türkiye 2000 - 2004

Yabancı Diller

İngilizce, C1 İleri

Sertifika, Kurs ve EĐitimler

İŐ SaĐlıĐı ve GüvenliĐi, İŐyeri HekimliĐi ve İŐ GüvenliĐi UzmanlıĐı EĐitici Belgesi, T.C. ÇalıŐma ve Sosyal Güvenlik BakanlıĐı, 2013

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

YaptıĐı Tezler

Doktora, Karayolu Köprülerinin Yapısal DavranıŐlarının Analitik ve Deneysel Yöntemlerle Belirlenmesi, Karadeniz Teknik Üniversitesi, Fen Bilimleri Enstitüsü, İnŐaat MühendisliĐi Bölümü, 2010

AraŐtırma Alanları

İnŐaat MühendisliĐi , Yapı , Bina Türleri (Endüstriyel, Ticari, Kamu, Mesken vb)., Yapı MühendisliĐi, Çelik Yapılar, AhŐap Yapılar, Yapıların Performansı, Deprem MühendisliĐi, YıĐma 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 Yayınlanan Makaleler

- I. **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)
- II. **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)
- III. **Applications of optical flow methods and computer vision in structural health monitoring for enhanced modal identification**
HACIEFENDİOĞLU 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)
- IV. **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)
- V. **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)
- VI. **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)
- VII. **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)
- VIII. **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)
- IX. **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)
- X. **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)

- XI. **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)
- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **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., Yılmaz S., GÜNAYDIN M., Dok G., Kirtel O., Demir A., et al.
Engineering Failure Analysis, cilt.156, 2024 (SCI-Expanded)
- XVII. **Surrogate Model-Driven Estimation of Adiabatic Surface Temperature of Fire Exposed Suspension Bridge Towers**
Mostofi S., ALTUNIŞIK A. C.
Fire Technology, 2024 (SCI-Expanded)
- XVIII. **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)
- XIX. **Vibration characteristics of 'Serender': traditional Turkish storage buildings in Eastern Black Sea region**
GÜNAYDIN M., GENÇ A. F., Yılmaz Z., ALTUNIŞIK A. C., LAKOT ALEMDAĞ E., AL ŞENSOY S.
JOURNAL OF ARCHITECTURAL CONSERVATION, cilt.30, sa.1, ss.56-76, 2024 (AHCI)
- 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. **Field Observations and Damage Evaluation in Reinforced Concrete Buildings After the February 6th, 2023, Kahramanmaraş-Turkiye Earthquakes**
Altunişik 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)
- 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. **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)
- XXIV. **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)
- XXV. **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)
- XXVI. **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)
- XXVII. **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)
- XXVIII. **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)
- XXIX. **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)
- XXX. **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)
- 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. **Diagnosis and Monitoring of Historical Timber Velipasa Han Building Prior to Restoration**
GÜNAYDIN M., DEMİRKIR 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)
- XXXIII. **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)
- XXXIV. **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)
- XXXV. **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)
- XXXVI. **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)
- XXXVII. **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)
- 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. **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)
- XL. **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)
- XLI. **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)
- XLII. **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)
- XLIII. **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)
- XLIV. **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)
- XLV. **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)
- XLVI. **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)
- 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. **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)
- 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)

- L.I. **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)
- L.II. **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)
- L.III. **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)
- L.IV. **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)
- L.V. **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)
- L.VI. **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)
- L.VII. **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)
- L.VIII. **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)
- L.IX. **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)
- L.X. **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)
- L.XI. **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)
- L.XII. **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.
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, cilt.34, sa.6, 2020 (SCI-Expanded)
- L.XIII. **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)

- LXIV. **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)
- LXV. **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)
- LXVI. **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.
INTERNATIONAL JOURNAL OF CIVIL ENGINEERING, cilt.18, sa.5, ss.551-567, 2020 (SCI-Expanded)
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JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, cilt.34, sa.1, 2020 (SCI-Expanded)
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INTERNATIONAL JOURNAL OF DAMAGE MECHANICS, cilt.29, sa.2, ss.297-334, 2020 (SCI-Expanded)
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PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-STRUCTURES AND BUILDINGS, cilt---, 2019 (SCI-Expanded)
- LXX. **Non-destructive modal parameter identification of historical timber bridges using ambient vibration tests after restoration**
ALTUNIŞIK A. C., KALKAN E., OKUR F. Y., ÖZGAN K., KARAHASAN O. Ş., Bostancı A.
MEASUREMENT, cilt.146, ss.411-424, 2019 (SCI-Expanded)
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STRUCTURAL ENGINEERING INTERNATIONAL, cilt---, 2019 (SCI-Expanded)
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GENÇ A. F., Ergun M., GÜNAYDIN M., ALTUNIŞIK A. C., ATEŞ Ş., OKUR F. Y., Mosallam A. S.
ENGINEERING FAILURE ANALYSIS, cilt.105, ss.402-426, 2019 (SCI-Expanded)
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IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, cilt.43, sa.3, ss.479-490, 2019 (SCI-Expanded)
- LXXIV. **Finite Element Model Updating and Dynamic Analysis of a Restored Historical Timber Mosque Based on Ambient Vibration Tests**
ALTUNIŞIK A. C., KARAHASAN O. Ş., OKUR F. Y., KALKAN E., ÖZGAN K.
JOURNAL OF TESTING AND EVALUATION, cilt.47, sa.5, ss.3533-3562, 2019 (SCI-Expanded)
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INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, cilt.159, ss.30-42, 2019 (SCI-Expanded)
- LXXVI. **Structural response of historical masonry arch bridges under different arch curvature considering**

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ALTUNIŞIK A. C., KANBUR B., GENÇ A. F., KALKAN E.

GEOMECHANICS AND ENGINEERING, cilt.18, sa.2, ss.141-151, 2019 (SCI-Expanded)

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IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, cilt.43, sa.2, ss.297-325, 2019 (SCI-Expanded)
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ALTUNIŞIK A. C., OKUR F. Y., KAHYA V.
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ALTUNIŞIK A. C., OKUR F. Y., Karaca S., KAHYA V.
NONDESTRUCTIVE TESTING AND EVALUATION, cilt.34, sa.1, ss.33-53, 2019 (SCI-Expanded)
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INTERNATIONAL JOURNAL OF DAMAGE MECHANICS, cilt.--, 2019 (SCI-Expanded)
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EXPERIMENTAL TECHNIQUES, cilt.42, sa.6, ss.605-621, 2018 (SCI-Expanded)
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ACI STRUCTURAL JOURNAL, cilt.115, sa.6, ss.1589-1601, 2018 (SCI-Expanded)
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KSCE JOURNAL OF CIVIL ENGINEERING, cilt.22, sa.10, ss.4038-4046, 2018 (SCI-Expanded)
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MEASUREMENT, cilt.124, ss.260-276, 2018 (SCI-Expanded)

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ADVANCED STEEL CONSTRUCTION, cilt.13, sa.4, ss.378-398, 2017 (SCI-Expanded)
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Journal of Constructional Steel Research, cilt.138, ss.499-512, 2017 (SCI-Expanded)
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ALTUNIŞIK A. C., GÜNAYDIN M., SEVİM B., BAYRAKTAR A., ADANUR S.
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Indian Journal of Engineering and Materials Sciences, cilt.23, ss.188-202, 2016 (SCI-Expanded)
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BULLETIN OF EARTHQUAKE ENGINEERING, cilt.14, sa.1, ss.241-259, 2016 (SCI-Expanded)
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ALTUNIŞIK A. C., BAYRAKTAR A.
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- CLV. Structural Identification of Concrete Arch Dams by Ambient Vibration Tests**
SEVİM B., ALTUNIŞIK A. C., BAYRAKTAR A.
ADVANCES IN CONCRETE CONSTRUCTION, cilt.1, sa.3, ss.227-237, 2013 (SCI-Expanded)
- CLVI. Earthquake Behavior of Berke Arch Dam Using Ambient Vibration Test Results**
SEVİM B., ALTUNIŞIK A. C., Bayraktar A.
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, cilt.26, sa.6, ss.780-792, 2012 (SCI-Expanded)
- CLVII. Construction stage analysis of Humber Suspension Bridge**
ADANUR S., Gunaydin M., ALTUNIŞIK A. C., Sevim B.
APPLIED MATHEMATICAL MODELLING, cilt.36, sa.11, ss.5492-5505, 2012 (SCI-Expanded)
- CLVIII. Comparison of near-fault and far-fault ground motion effects on geometrically nonlinear earthquake behavior of suspension bridges**
ADANUR S., ALTUNIŞIK A. C., Bayraktar A., Akkose M.
NATURAL HAZARDS, cilt.64, sa.1, ss.593-614, 2012 (SCI-Expanded)
- CLIX. Operational modal analysis of a scaled bridge model using EFDD and SSI methods**
ALTUNIŞIK A. C., Bayraktar A., SEVİM B.
INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES, cilt.19, sa.5, ss.320-330, 2012 (SCI-Expanded)
- CLX. Experimental evaluation of crack effects on the dynamic characteristics of a prototype arch dam using ambient vibration tests**
SEVİM B., ALTUNIŞIK A. C., Bayraktar A.
COMPUTERS AND CONCRETE, cilt.10, sa.3, ss.277-294, 2012 (SCI-Expanded)
- CLXI. Seismic safety assessment of Eynel highway steel bridge using ambient vibration measurements**
ALTUNIŞIK A. C., Bayraktar A., Ozdemir H.
SMART STRUCTURES AND SYSTEMS, cilt.10, sa.2, ss.131-154, 2012 (SCI-Expanded)
- CLXII. Safety assessment of structures for near-field blast-induced ground excitations using operational modal analysis**
Bayraktar A., ALTUNIŞIK A. C., Ozcan M.
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, cilt.39, ss.23-36, 2012 (SCI-Expanded)
- CLXIII. Construction stage analysis of Fatih Sultan Mehmet suspension bridge**
Gunaydin M., ADANUR S., ALTUNIŞIK A. C., SEVİM B.
STRUCTURAL ENGINEERING AND MECHANICS, cilt.42, sa.4, ss.489-505, 2012 (SCI-Expanded)

- CLXIV. **Estimation of Elasticity Modulus of a Prototype Arch Dam Using Experimental Methods**
Sevim B., ALTUNIŞIK A. C., Bayraktar A., Akkose M., ADANUR S.
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, cilt.24, sa.4, ss.321-329, 2012 (SCI-Expanded)
- CLXV. **Determination of Water Level Effects on the Dynamic Characteristics of a Prototype Arch Dam Model using Ambient Vibration Testing**
Sevim B., BAYRAKTAR A., ALTUNIŞIK A. C., ADANUR S., Akkose M.
EXPERIMENTAL TECHNIQUES, cilt.36, sa.1, ss.72-82, 2012 (SCI-Expanded)
- CLXVI. **Comparison of Damage Criteria for Structures to Near-Field Blast-Induced Ground Motions**
Ozcan D. M., Bayraktar A., ALTUNIŞIK A. C.
JOURNAL OF TESTING AND EVALUATION, cilt.40, sa.1, ss.148-157, 2012 (SCI-Expanded)
- CLXVII. **Experimental and analytical system identification of Eynel arch type steel highway bridge**
ALTUNIŞIK A. C., Bayraktar A., Sevim B., Ozdemir H.
JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH, cilt.67, sa.12, ss.1912-1921, 2011 (SCI-Expanded)
- CLXVIII. **Ambient vibration based seismic evaluation of isolated Gulburnu highway bridge**
ALTUNIŞIK A. C., Bayraktar A., Sevim B., ATEŞ Ş.
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, cilt.31, sa.11, ss.1496-1510, 2011 (SCI-Expanded)
- CLXIX. **Finite element model calibration effects on the earthquake response of masonry arch bridges**
Sevim B., Bayraktar A., ALTUNIŞIK A. C., Atamturktur S., Birinci F.
FINITE ELEMENTS IN ANALYSIS AND DESIGN, cilt.47, sa.7, ss.621-634, 2011 (SCI-Expanded)
- CLXX. **Dynamic Field Test, System Identification, and Modal Validation of an RC Minaret: Preprocessing and Postprocessing the Wind-Induced Ambient Vibration Data**
Sahin A., Bayraktar A., Ozcan D. M., Sevim B., ALTUNIŞIK A. C., TÜRKER T.
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, cilt.25, sa.4, ss.336-356, 2011 (SCI-Expanded)
- CLXXI. **Dynamic Characteristics of a Prototype Arch Dam**
Sevim B., BAYRAKTAR A., ALTUNIŞIK A. C., ADANUR S., Akkose M.
EXPERIMENTAL MECHANICS, cilt.51, sa.5, ss.787-791, 2011 (SCI-Expanded)
- CLXXII. **Finite element model calibration of berke arch dam using operational modal testing**
Sevim B., Bayraktar A., ALTUNIŞIK A. C.
JOURNAL OF VIBRATION AND CONTROL, cilt.17, sa.7, ss.1065-1079, 2011 (SCI-Expanded)
- CLXXIII. **Investigation of water length effects on the modal behavior of a prototype arch dam using operational and analytical modal analyses**
Sevim B., Bayraktar A., ALTUNIŞIK A. C.
STRUCTURAL ENGINEERING AND MECHANICS, cilt.37, sa.6, ss.593-615, 2011 (SCI-Expanded)
- CLXXIV. **Assessment of nonlinear seismic performance of a restored historical arch bridge using ambient vibrations**
Sevim B., Bayraktar A., ALTUNIŞIK A. C., Atamturktur S., Birinci F.
NONLINEAR DYNAMICS, cilt.63, sa.4, ss.755-770, 2011 (SCI-Expanded)
- CLXXV. **Output-Only System Identification of Posttensioned Segmental Concrete Highway Bridges**
ALTUNIŞIK A. C., Bayraktar A., Sevim B.
JOURNAL OF BRIDGE ENGINEERING, cilt.16, sa.2, ss.259-266, 2011 (SCI-Expanded)
- CLXXVI. **Finite element model updating effects on nonlinear seismic response of arch dam-reservoir-foundation systems**
Bayraktar A., Sevim B., ALTUNIŞIK A. C.
FINITE ELEMENTS IN ANALYSIS AND DESIGN, cilt.47, sa.2, ss.85-97, 2011 (SCI-Expanded)
- CLXXVII. **Dynamic response of masonry minarets strengthened with Fiber Reinforced Polymer (FRP) composites**
Altunisik A. C.
NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, cilt.11, sa.7, ss.2011-2019, 2011 (SCI-Expanded)
- CLXXVIII. **Vibration-based operational modal analysis of the Mikron historic arch bridge after restoration**
ALTUNIŞIK A. C., Bayraktar A., Sevim B., Birinci F.
CIVIL ENGINEERING AND ENVIRONMENTAL SYSTEMS, cilt.28, sa.3, ss.247-259, 2011 (SCI-Expanded)

- CLXXIX. **Seismic Response of a Historical Masonry Minaret using a Finite Element Model Updated with Operational Modal Testing**
Bayraktar A., ALTUNIŞIK A. C., Sevim B., TÜRKER T.
JOURNAL OF VIBRATION AND CONTROL, cilt.17, sa.1, ss.129-149, 2011 (SCI-Expanded)
- CLXXX. **Finite element model updating of an arch type steel laboratory bridge model using semi-rigid connection**
ALTUNIŞIK A. C., Bayraktar A., Sevim B., Kartal M. E., ADANUR S.
STEEL AND COMPOSITE STRUCTURES, cilt.10, sa.6, ss.541-561, 2010 (SCI-Expanded)
- CLXXXI. **Determination of Dynamic Parameters of Buildings by Operational Modal Analysis**
Bayraktar A., TÜRKER T., ALTUNIŞIK A. C., Sevim B., Sahin A., Ozcan D. M.
TEKNIK DERGI, cilt.21, sa.4, ss.5185-5205, 2010 (SCI-Expanded)
- CLXXXII. **Construction stage analysis of Komurhan Highway Bridge using time dependent material properties**
ALTUNIŞIK A. C., Bayraktar A., Sevim B., ADANUR S., Domanic A.
STRUCTURAL ENGINEERING AND MECHANICS, cilt.36, sa.2, ss.207-223, 2010 (SCI-Expanded)
- CLXXXIII. **Modal Parameter Identification of a Prototype Arch Dam Using Enhanced Frequency Domain Decomposition and Stochastic Subspace Identification Techniques**
Sevim B., Bayraktar A., ALTUNIŞIK A. C., ADANUR S., Akkose M.
JOURNAL OF TESTING AND EVALUATION, cilt.38, sa.5, ss.588-597, 2010 (SCI-Expanded)
- CLXXXIV. **Earthquake Behavior of Komurhan Highway Bridge Using a Validated Finite Element Model**
Bayraktar A., ALTUNIŞIK A. C., Sevim B., TÜRKER T.
JOURNAL OF TESTING AND EVALUATION, cilt.38, sa.4, ss.467-481, 2010 (SCI-Expanded)
- CLXXXV. **Finite element model updating of Komurhan highway bridge based on experimental measurements**
Bayraktar A., ALTUNIŞIK A. C., Sevim B., TÜRKER T.
SMART STRUCTURES AND SYSTEMS, cilt.6, sa.4, ss.373-388, 2010 (SCI-Expanded)
- CLXXXVI. **Evaluation of blast effects on reinforced concrete buildings considering Operational Modal Analysis results**
Bayraktar A., TÜRKER T., ALTUNIŞIK A. C., Sevim B.
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, cilt.30, sa.5, ss.310-319, 2010 (SCI-Expanded)
- CLXXXVII. **EARTHQUAKE ANALYSIS OF REINFORCED CONCRETE MINARETS USING AMBIENT VIBRATION TEST RESULTS**
Bayraktar A., Sevim B., ALTUNIŞIK A. C., TÜRKER T.
STRUCTURAL DESIGN OF TALL AND SPECIAL BUILDINGS, cilt.19, sa.3, ss.257-273, 2010 (SCI-Expanded)
- CLXXXVIII. **Ambient Vibration Tests of a Steel Footbridge**
Bayraktar A., ALTUNIŞIK A. C., Sevim B., TÜRKER T.
JOURNAL OF NONDESTRUCTIVE EVALUATION, cilt.29, sa.1, ss.14-24, 2010 (SCI-Expanded)
- CLXXXIX. **Effect of the model updating on the earthquake behavior of steel storage tanks**
Bayraktar A., Sevim B., ALTUNIŞIK A. C., TÜRKER T.
JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH, cilt.66, sa.3, ss.462-469, 2010 (SCI-Expanded)
- CXC. **Finite-Element Analysis and Vibration Testing of a Two-Span Masonry Arch Bridge**
Bayraktar A., ALTUNIŞIK A. C., Birinci F., Sevim B., TÜRKER T.
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, cilt.24, sa.1, ss.46-52, 2010 (SCI-Expanded)
- CXCI. **Comparison of near- and far-fault ground motion effect on the nonlinear response of dam-reservoir-foundation systems**
Bayraktar A., ALTUNIŞIK A. C., Sevim B., Kartal M. E., TÜRKER T., Bilici Y.
NONLINEAR DYNAMICS, cilt.58, sa.4, ss.655-673, 2009 (SCI-Expanded)
- CXCII. **Finite Element Model Updating of Komurhan Highway Bridge**
Bayraktar A., ALTUNIŞIK A. C., Sevim B., Tuerker T.
TEKNIK DERGI, cilt.20, sa.2, ss.4675-4700, 2009 (SCI-Expanded)
- CXCIII. **Modal Testing, Finite-Element Model Updating, and Dynamic Analysis of an Arch Type Steel Footbridge**
Bayraktar A., ALTUNIŞIK A. C., Sevim B., Tuerker T.

- JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, cilt.23, sa.2, ss.81-89, 2009 (SCI-Expanded)
- CXCIV. **Modal Parameter Identification of Hagia Sophia Bell-Tower via Ambient Vibration Test**
Bayraktar A., TÜRKER T., Sevim B., ALTUNIŞIK A. C., YILDIRIM F.
JOURNAL OF NONDESTRUCTIVE EVALUATION, cilt.28, sa.1, ss.37-47, 2009 (SCI-Expanded)
- CXCV. **ANALYTICAL AND OPERATIONAL MODAL ANALYSES OF TURKISH STYLE REINFORCED CONCRETE MINARETS FOR STRUCTURAL IDENTIFICATION**
BAYRAKTAR A., Sevim B., ALTUNIŞIK A. C., Tuerker T.
EXPERIMENTAL TECHNIQUES, cilt.33, sa.2, ss.65-75, 2009 (SCI-Expanded)
- CXCVI. **Vibration Characteristics of Komurhan Highway Bridge Constructed with Balanced Cantilever Method**
Bayraktar A., ALTUNIŞIK A. C., Sevim B., Tuerker T., Domanic A., Tas Y.
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, cilt.23, sa.2, ss.90-99, 2009 (SCI-Expanded)
- CXCVII. **FINITE ELEMENT MODEL UPDATING OF SENYUVA HISTORICAL ARCH BRIDGE USING AMBIENT VIBRATION TESTS**
Bayraktar A., Birinci F., ALTUNIŞIK A. C., TÜRKER T., Sevim B.
BALTIC JOURNAL OF ROAD AND BRIDGE ENGINEERING, cilt.4, sa.4, ss.177-185, 2009 (SCI-Expanded)
- CXCVIII. **Modal Analysis, Experimental Validation, and Calibration of a Historical Masonry Minaret**
Bayraktar A., ALTUNIŞIK A. C., Sevim B., TÜRKER T., Akkose M., Coskun N.
JOURNAL OF TESTING AND EVALUATION, cilt.36, sa.6, ss.516-524, 2008 (SCI-Expanded)
- CXCIX. **Comparison of Near and Far Fault Ground Motion Effects on the Seismic Performance Evaluation of Dam-Reservoir-Foundation Systems**
BAYRAKTAR A., SEVİM B., ALTUNIŞIK A. C., TÜRKER T., KARTAL M. E., AKKÖSE M., BİLİCİ Y.
Dam Engineering, cilt.19, sa.3, ss.1-39, 2008 (AHCI)
- CC. **Near-fault ground motion effects on the nonlinear response of dam-reservoir-foundation systems**
Bayraktar A., ALTUNIŞIK A. C., Sevim B., Kartal M. E., TÜRKER T.
STRUCTURAL ENGINEERING AND MECHANICS, cilt.28, sa.4, ss.411-442, 2008 (SCI-Expanded)
- CCI. **Modal testing and finite element model calibration of an arch type steel footbridge**
Bayraktar A., Altunışık A. C., Sevim B., Türker T.
STEEL AND COMPOSITE STRUCTURES, cilt.7, ss.487-502, 2007 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Engineering software development for strengthening concrete structures using fiber-reinforced polymers**
ALTUNIŞIK A. C., SUNCA F., YILMAZ M.
Journal of Structural Engineering & Applied Mechanics (Online), cilt.6, sa.2, ss.157-166, 2023 (Hakemli Dergi)
- II. **Finite element model updating of İskenderpaşa mosque and minaret based on experimental measurements**
GENÇ A. F., ALTUNIŞIK A. C., Günaydın M., OKUR F. Y.
Journal of Structural Engineering & Applied Mechanics (Online), cilt.5, sa.4, ss.264-276, 2022 (Hakemli Dergi)
- III. **Seismic damage assessment based on site observation following the Düzce (Gölyaka) earthquake (Mw = 5.9, November 23, 2022)**
ERTÜRK E., AYKANAT B., ALTUNIŞIK A. C., ARSLAN M. E.
Journal of Structural Engineering & Applied Mechanics (Online), cilt.5, sa.4, ss.197-221, 2022 (Hakemli Dergi)
- IV. **Structural modeling in object-oriented based software by utilizing data tables**
Yılmaz Z., Okur F. Y., Günaydın M., Altunışık A. C.
Journal of Construction Engineering, Management & Innovation, cilt.4, sa.4, ss.267-273, 2021 (Hakemli Dergi)
- V. **Effect of Damping Ratios on the Seismic Behavior of a Historical Masonry Guesthouse Building**
GENÇ A. F., ERTÜRK E., ALTUNIŞIK A. C., GÜNAYDIN M., OKUR F. Y.
Recep Tayyip Erdogan University Journal of Science and Engineering, cilt.2, sa.2, ss.60-71, 2021 (Hakemli Dergi)

- VI. **Experimental study on annular cylindrical tuned liquid dampers for vibration control under different excitation angles**
ALTUNIŞIK A. C., KAHYA V., Yetişken A.
Journal of Structural Engineering & Applied Mechanics, cilt.4, sa.3, ss.163-183, 2021 (Hakemli Dergi)
- VII. **Experimental Modal Analysis and Structural Health Monitoring of the Double Curvature Deriner Arch Dam**
ALTUNIŞIK A. C., Kalkan Okur E., OKUR F. Y., GÜNAYDIN M., GENÇ A. F.
Natural and Applied Sciences Journal, cilt.4, sa.1, ss.22-29, 2021 (Hakemli Dergi)
- VIII. **Experimental, numerical and analytical investigation on blast response of brick walls subjected to TNT explosive**
ALTUNIŞIK A. C., ONALAN F., SUNCA F.
Journal of Structural Engineering & Applied Mechanics (Online), cilt.4, sa.1, ss.28-45, 2021 (Hakemli Dergi)
- IX. **Lessons learned from the past earthquakes on building performance in Turkey**
ATMACA B., DEMİR S., GÜNAYDIN M., ALTUNIŞIK A. C., HÜSEM M., ATEŞ Ş., ADANUR S., ANGIN Z.
Journal of Structural Engineering Applied Mechanics, cilt.3, sa.2, ss.61-84, 2020 (Hakemli Dergi)
- X. **Blast-induced ground motion effect on dynamic response of a cylindrical vertical water tank with piled raft foundation**
Hacıefendioğlu K., Demir G., Altunışık A. C.
Challenge Journal of Structural Mechanics, cilt.6, sa.3, ss.120-131, 2020 (Hakemli Dergi)
- XI. **Numerical Modeling of Masonry Infilled Reinforced Concrete Building during Construction Stages Using ABAQUS Software**
Roudane B., ADANUR S., ALTUNIŞIK A. C.
BUILDINGS, cilt.9, sa.8, 2019 (ESCI)
- XII. **Determination of Natural Frequencies of Arch Dams Based on Reservoir Levels Using Ambient and Forced Vibration Tests**
SEVİM B., ALTUNIŞIK A. C.
Civil Engineering Research Journal, cilt.3, sa.5, ss.1-14, 2018 (Hakemli Dergi)
- XIII. **Creation of Similarity Requirement with Field Equations in Steel Bearing Systems**
ALTUNIŞIK A. C., KALKAN E., BAŞAĞA H. B.
The Open Civil Engineering Journal, cilt.12, ss.134-149, 2018 (Hakemli Dergi)
- XIV. **Effects of Strand Configuration on Pre-tensioned I-Girders**
ATMACA B., ATEŞ Ş., GÜNAYDIN M., ALTUNIŞIK A. C.
Sigma Journal of Engineering and Natural Sciences, cilt.36, sa.1, ss.179-190, 2018 (ESCI)
- XV. **EFFECTS OF STRAND CONFIGURATION ON PRE-TENSIONED I-GIRDERS**
ATMACA B., ATEŞ Ş., Gunaydin M., ALTUNIŞIK A. C.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ, cilt.36, sa.1, ss.179-190, 2018 (ESCI)
- XVI. **Development of engineering software to predict the structural behavior of arch dams**
ALTUNIŞIK A. C., KALKAN E., BAŞAĞA H. B.
ADVANCES IN COMPUTATIONAL DESIGN, cilt.3, sa.1, ss.87-112, 2018 (ESCI)
- XVII. **Kemer Barajların Yapısal Davranışlarını Belirlemek Amacıyla Geliştirilen Mühendislik Yazılımı**
ALTUNIŞIK A. C., KALKAN E., BAŞAĞA H. B.
DSİ TEKNİK BÜLTENİ, sa.126, ss.1-21, 2017 (Hakemli Dergi)
- XVIII. **KEMER BARAJLARIN YAPISAL DAVRANIŞLARINI BELİRLEMEK AMACIYLA GELİŞTİRİLEN MÜHENDİSLİK YAZILIMI**
ALTUNIŞIK A. C., kalkan e., BAŞAĞA H. B.
DSİ Teknik Bülteni, cilt.0, sa.126, ss.1-21, 2017 (Hakemli Dergi)
- XIX. **EARTHQUAKE INCIDENCE ANGLE INFLUENCE ON SEISMIC PERFORMANCE OF REINFORCED CONCRETE BUILDINGS**
ALTUNIŞIK A. C., Kalkan E.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ,

cilt.35, sa.4, ss.609-631, 2017 (ESCI)

- XX. **Kompozit Kolon Elemanların Modal Davranışlarının Belirlenmesi**
SEVİM B., ALTUNIŞIK A. C.
DU Mühendislik Fakültesi Mühendislik Dergisi, 2017 (Hakemli Dergi)
- XXI. **Betonarme Binaların Yapım Aşamasına Göre Analizi**
GÜNAYDIN M., ADANUR S., ALTUNIŞIK A. C., SEVİM B.
Yapı Dünyası, sa.197-198, ss.39-45, 2012 (Hakemli Dergi)
- XXII. **Asma Köprülerin Yapısal Davranışlarının Belirlenmesinde Yapım Aşamalarının Dikkate Alınması**
GÜNAYDIN M., ADANUR S., ALTUNIŞIK A. C., SEVİM B.
Yapı Dünyası, cilt.184, ss.21-27, 2011 (Hakemli Dergi)
- XXIII. **Ölçeklendirilmiş Bir Kemer Barajın Laboratuar Modelinin Oluşturulması**
BAYRAKTAR A., Sevim B., ALTUNIŞIK A. C., ADANUR S., AKKÖSE M.
DSİ TEKNİK BÜLTENİ, cilt.107, ss.1-13, 2010 (Hakemli Dergi)
- XXIV. **Tarihi Yapıların Deprem Güvenliklerinin Tahribatsız Deneysel Yöntemlerle Belirlenmesi**
BAYRAKTAR A., ALTUNIŞIK A. C., Sevim B., TÜRKER T., Birinci F.
İMO İstanbul, cilt.98, ss.10-20, 2010 (Hakemli Dergi)
- XXV. **Ölçeklendirilmiş Bir Kemer Barajın Laboratuar Modelinin Oluşturulması**
BAYRAKTAR A., Sevim B., ALTUNIŞIK A. C., ADANUR S., AKKÖSE M.
DSİ TEKNİK BÜLTENİ, cilt.107, ss.1-13, 2010 (Hakemli Dergi)
- XXVI. **Ölçeklendirilmiş Bir Kemer Barajın Laboratuar Modelinin Oluşturulması**
BAYRAKTAR A., Sevim B., ALTUNIŞIK A. C., ADANUR S., AKKÖSE M.
DSİ TEKNİK BÜLTENİ, cilt.107, ss.1-13, 2010 (Hakemli Dergi)
- XXVII. **Ölçeklendirilmiş Bir Kemer Barajın Laboratuar Modelinin Oluşturulması**
BAYRAKTAR A., Sevim B., ALTUNIŞIK A. C., ADANUR S., AKKÖSE M.
DSİ TEKNİK BÜLTENİ, cilt.107, ss.1-13, 2010 (Hakemli Dergi)
- XXVIII. **Karayolu Köprülerinin Sonlu Eleman Analizlerinde Yapım Aşamalarının ve Zamana Bağlı Deformasyonların Dikkate Alınması**
ALTUNIŞIK A. C., BAYRAKTAR A., Sevim B., ADANUR S., Domanic A.
Yapı Dünyası, cilt.161, ss.11-15, 2009 (Hakemli Dergi)
- XXIX. **Kömürhan Köprüsünün Dinamik Karakteristiklerinin Analitik ve Deneysel Modal Analiz Yöntemleriyle Belirlenmesi**
BAYRAKTAR A., ALTUNIŞIK A. C., Sevim B., TÜRKER T., Domanic A., Taş Y.
İMO İstanbul, cilt.98, ss.10-21, 2008 (Hakemli Dergi)
- XXX. **Köprülerin Dinamik Karakteristiklerinin Operasyonel Modal Analiz Yöntemiyle Belirlenmesi**
BAYRAKTAR A., ALTUNIŞIK A. C., Sevim B., TÜRKER T., Domanic A., Taş Y.
Yapı Dünyası, cilt.150, ss.44-57, 2008 (Hakemli Dergi)

Kitap & Kitap Bölümleri

- I. **İNŞAAT MÜHENDİSLİĞİNDE SAP2000 UYGULAMALARI**
ALTUNIŞIK A. C., ATEŞ Ş., ADANUR S.
Dynamic Academy, Trabzon, 2019
- II. **İnşaat Mühendisliğinde Tekla Structures Uygulamaları**
ATEŞ Ş., OKUR F. Y., ALTUNIŞIK A. C.
Dynamic Academy, 2019
- III. **İnşaat Mühendisliğinde SAP2000 Uygulamaları**
ALTUNIŞIK A. C., ATEŞ Ş., ADANUR S.
Dynamic Academy, Trabzon, 2018
- IV. **İnşaat Mühendisliğinde ANSYS Uygulamaları**
ALTUNIŞIK A. C., GÜNAYDIN M., GENÇ A. F., OKUR F. Y.

Dynamic Academy Yazılım İnşaat San. Tic. Ltd. Şti, 2018

- V. **Structural Identification of Historical Masonry Structures: Finite Element Analyses, Ambient Vibration Tests, Model Updating and Earthquake Response**
ALTUNIŞIK A. C., GENÇ A. F., GÜNAYDIN M., Okur F. Y.
Scholar Press–Lambert Academic Publishing, Balti, 2017
- VI. **Structural Identification of Historical Masonry Structures: Finite Element Analyses, Ambient Vibration Testing, Model Updating and Earthquake Response**
ALTUNIŞIK A. C., GENÇ A. F., GÜNAYDIN M., OKUR F. Y.
LAP LAMBERT Academic Publishing, Balti, 2017
- VII. **NONDESTRUCTIVE TESTING STRUCTURAL BRIDGE IDENTIFICATION**
ALTUNIŞIK A. C.
Structural Bridge Engineering, Shahidan S., Editör, Intech, Berlin, ss.165-190, 2016
- VIII. **Seismic Performance Evaluation of Concrete Dams**
BAYRAKTAR A., SEVİM B., ALTUNIŞIK A. C., KARTAL M. E., TÜRKER T.
Dam Safety, Şen Z., Editör, Turkish Water Foundation, İstanbul, ss.173-198, 2007

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Evaluation of the structural performance of a historical Turkish Hammam**
ERTÜRK ATMACA E., GENÇ A. F., ALTUNIŞIK A. C.
Proceedings of 3rd International Civil Engineering and Architecture Congress, Türkiye, 12 Ekim 2023
- II. **Investigation of the seismic performance of a fire-exposed reinforced concrete frame with shaking table tests**
AKBULUT Y. E., SUNCA F., ALTUNIŞIK A. C.
Proceedings of 3rd International Civil Engineering and Architecture Congress, Türkiye, 12 Ekim 2023
- III. **Near fault and far fault ground motion effects of a long span suspension bridge**
Ali M. M., ADANUR S., ALTUNIŞIK A. C., SUNCA F., Kalkan Okur E.
Proceedings of 3rd International Civil Engineering and Architecture Congress, Türkiye, 12 Ekim 2023
- IV. **Construction stage analysis of a long span suspension bridge**
Ali M. M., ADANUR S., ALTUNIŞIK A. C., SUNCA F., GÜNAYDIN M.
Proceedings of 3rd International Civil Engineering and Architecture Congress, 12 Ekim 2023
- V. **Ambient vibration testing of a high rise building**
Şahin M. C., OKUR F. Y., SUNCA F., GÜNAYDIN M., ALTUNIŞIK A. C.
Proceedings of 3rd International Civil Engineering and Architecture Congress, Türkiye, 12 Ekim 2023
- VI. **Design phases and effectiveness of tuned liquid damper and tuned liquid column damper in seismic induced vibration**
Idriss B. A., SUNCA F., GÜNAYDIN M., ALTUNIŞIK A. C., KAHYA V.
Proceedings of 3rd International Civil Engineering and Architecture Congress, Türkiye, 12 Ekim 2023
- VII. **Analysis of the effect of different concrete strength classes used in reinforced concrete structures under the dynamic pressure effect caused by different explosion scenarios**
önalın f., SUNCA F., ALTUNIŞIK A. C.
Proceedings of 3rd International Civil Engineering and Architecture Congress, Türkiye, 12 Ekim 2023
- VIII. **Evaluating Sprinkler System Effectiveness in Fire Performance of Automated Car Park Structures**
Akbulut Y. E., Mostofi S., Baltacı A., Okur F. Y., Altunışık A. C.
3rd International Civil Engineering & Architecture Conference (ICEARC'23), Trabzon, Türkiye, 12 - 14 Ekim 2023, cilt.1, ss.1252-1259
- IX. **The effect of damage measure on fragility curves for seismically isolated buildings**
ŞEN F., SUNCA F., ALTUNIŞIK A. C.
Proceedings of 3rd International Civil Engineering and Architecture Congress, Türkiye, 12 Ekim 2023
- X. **Fire Risk Assessment of Suspension Bridge Towers under Varying Vehicle Load Conditions: A**

Simulation Study

Mostofi S., Akbulut Y. E., Altunışık A. C.

3rd International Civil Engineering & Architecture Conference (ICEARC'23), Trabzon, Türkiye, 12 - 14 Ekim 2023, cilt.1, ss.1709-1716

- XI. **Thermo-Mechanical Analysis of a Multi-Story Steel Structure Using OpenSees for Fire**
Baltacı A., Mostofi S., Akbulut Y. E., Okur F. Y., Altunışık A. C.
3rd International Civil Engineering & Architecture Conference (ICEARC'23), Trabzon, Türkiye, 12 - 14 Ekim 2023, cilt.1, ss.1032-1038
- XII. **Investigation of Dynamic Characteristics of Blast Effects on Reinforced Concrete Structure Models with Different Geometrical Properties**
önanan f., SUNCA F., ALTUNIŞIK A. C.
International Congress on Phenomenological Aspects in Civil Engineering, Türkiye, 20 Haziran 2023
- XIII. **Ambient vibration based model updating of a historical masonry church**
ERTÜRK E., ALTUNIŞIK A. C., GENÇ A. F., GÜNAYDIN M., OKUR F. Y.
International Congress on Phenomenological Aspects in Civil Engineering, PACE 2023, Erzurum, Türkiye, 20 - 23 Haziran 2023
- XIV. **Near-Fault and Far-Fault Ground Motions Effects on Seismic Responses of Timber Bridges**
SUNCA F., ALTUNIŞIK A. C.
International Congress on Phenomenological Aspects in Civil Engineering, Türkiye, 20 Haziran 2023
- XV. **Evaluation of Damage Caused by Soil Settlements in a Historical Masonry Building**
GENÇ A. F., ALTUNIŞIK A. C., ERTÜRK E.
The 4th International Conference on Advanced Technologies for Humanity (ICATH'2022), Marrakech, Fas, 11 Kasım 2022
- XVI. **Fire Damage Prevention Using Innovative Insulation Systems**
Akbulut Y. E., Altunışık A. C., Adanur S., Mosallam A., Agwa A. A. K.
The 4th International Conference on Advanced Technologies for Humanity (ICATH'2022), Marrakush, Fas, 11 - 12 Kasım 2022, ss.1-10
- XVII. **Experimental investigation of optimal sensor placement of a laminated composite cantilever beam**
SUNCA F., OKUR F. Y., ALTUNIŞIK A. C., KAHYA V.
International Congress on the Phenomenological Aspects of Civil Engineering, Erzurum, Türkiye, 20 - 23 Haziran 2021
- XVIII. **Fire Simulation of Masonry Arch Bridge Using Computational Fluid Dynamics**
Altunışık A. C., Mostofi S., Akbulut Y. E.
International Congress on the Phenomenological Aspects of Civil Engineering (PACE-2021), Erzurum, Türkiye, 20 - 23 Haziran 2021, ss.611-614
- XIX. **Vertical Ground Motion Effects on the Seismic Responses of Historical Masonry Structures**
ALTUNIŞIK A. C., SUNCA F., GENÇ A. F., TAVŞAN C.
International Congress on the Phenomenological Aspects of Civil Engineering, Erzurum, Türkiye, 20 Haziran 2021
- XX. **Modal Behavior of Reinforced Concrete Column under Fire Condition - Experimental and Numerical Evaluations**
Altunışık A. C., Akbulut Y. E., Başağa H. B., Mostofi S., Mosallam A., Wafa L.
International Engineering Symposium (IES'20), İzmir, Türkiye, 5 - 13 Aralık 2020, ss.209-214
- XXI. **Modal Behavior of Reinforced Concrete Column under Fire Condition - Experimental and Numerical Evaluations**
ALTUNIŞIK A. C., AKBULUT Y. E., BAŞAĞA H. B., MOSTOFİ S., MOSALLAM A., WAFAL. F.
IES'20 International Engineering Symposium, İzmir, Türkiye, 5 - 13 Aralık 2020, ss.209-214
- XXII. **Damage localization in laminated composite beams using modal data**
KAHYA V., ŞİMŞEK S., ALTUNIŞIK A. C., OKUR F. Y., ASLAN M.
IES'20 International Engineering Symposium, Engineering Applications in Industry (Virtual), İzmir, Türkiye, 05 Aralık 2020, ss.9-19
- XXIII. **Updating the FE Model of the Traditional Hımsı Mansion Using Experimental Modal Analysis**

Measurement Results

Altunışık A. C., Meral M., Kalkan Okur E., Genç A. F., Günaydın M., Okur F. Y., Karahasan O. Ş., Yılmaz Z.

International IDU Engineering Symposium – IES'20 , Trabzon, Türkiye, 5 - 13 Aralık 2020, cilt.1, sa.1, ss.1-10

XXIV. Seismic Evaluation of a Historical Masonry Church

Altunışık A. C., Genç A. F., Günaydın M., Okur F. Y.

International IDU Engineering Symposium – IES'20 , İzmir, Türkiye, 5 - 13 Aralık 2020, cilt.1, sa.1, ss.1-10

XXV. Experimental Modal Analysis Measurements and Structural Health Monitoring of the Double Curvature Deriner Arch Dam

Altunışık A. C., Kalkan Okur E., Okur F. Y., Günaydın M., Genç A. F.

International IDU Engineering Symposium – IES'20 , Trabzon, Türkiye, 5 - 13 Aralık 2020, cilt.1, sa.1, ss.1-10

XXVI. Structural Performance Assessment of Single-Story RC Precast Structures Subjected to Pulse-Type Ground Motions

Altunışık A. C., Sunca F.

International IDU Engineering Symposium – IES'20 , İzmir, Türkiye, 5 - 13 Aralık 2020, cilt.1, sa.1, ss.1-10

XXVII. Connection Type Effect on Dynamic Characteristics of Fire Exposed Steel Frames

Altunışık A. C., Akbulut Y. E., Başağa H. B., Mostofi S., Mosallam A., Wafa L.

International Engineering Symposium (IES'20), İzmir, Türkiye, 5 - 13 Aralık 2020, ss.180-184

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International IDU Engineering Symposium – IES'20 , İzmir, Türkiye, 5 - 13 Aralık 2020, cilt.1, sa.1, ss.1-10

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4. Köprüler ve Viyadükler Sempozyumu, Ankara, Türkiye, 1 - 02 Kasım 2019, ss.33

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Akbulut Y. E., Altunışık A. C.

Ulusal 7. Yapı Mekaniği Laboratuvarları Çalıştayı (YMLÇ-7/2019), Konya, Türkiye, 4 - 05 Ekim 2019, ss.163-168

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International Civil Engineering and Architecture Conference 2019, 17 - 20 Nisan 2019

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International Civil Engineering and Architecture Conference 2019, 17 - 20 Nisan 2019

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International Civil Engineering & Architecture Conference (ICEARC'19), Trabzon, Türkiye, 17 - 20 Nisan 2019, ss.1252-1261

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International Civil Engineering and Architecture Conference 2019, Trabzon, Türkiye, 17 - 20 Nisan 2019, cilt-
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International Congress on engineering and Architecture, Antalya, Türkiye, 14 - 16 Kasım 2018
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KAHYA V., ŞİMŞEK S., ALTUNIŞIK A. C., OKUR F. Y., ASLAN M.
International Congress on Engineering and Architecture, Alanya, Türkiye, 14 - 16 Kasım 2018
- XL. **DEVELOPMENT OF SOFTWARE TO PREDICT THE MODAL PARAMETERS AND STRUCTURAL BEHAVIOR OF SINGLE CURVED ARCH DAMS**
kalkan e., ALTUNIŞIK A. C., BAŞAĞA H. B., SEVİM B.
5th International Smposium on Dam Safety, 27 - 31 Ekim 2018
- XLI. **STRUCTURAL BEHAVIOR OF CONCRETE GRAVITY DAMS USING WESTERGAARD, LAGRANGE AND EULER APPROACHES**
ALTUNIŞIK A. C., SESLİ H., HÜSEM M., kalkan e.
5th International Smposium on Dam Safety, 27 - 31 Ekim 2018
- XLII. **Structural Health Monitoring of Laboratory Arch Dam Model**
ALTUNIŞIK A. C., SEVİM B., GÜNAYDIN M., ADANUR S., KALKAN E.
INTERNATIONAL SYMPOSIUM on DAM SAFETY AND EXHIBITION, 27 - 31 Ekim 2018
- XLIII. **Vibration Characteristics of Historical Masonry Museum**
GENÇ A. F., OKUR F. Y., GÜNAYDIN M., ALTUNIŞIK A. C.
INTERNATIONAL CONFERENCE ON INNOVATIVE ENGINEERING APPLICATIONS, 20 - 22 Eylül 2018
- XLIV. **Experimental Modal Testing of a Historical Clock Tower**
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INTERNATIONAL CONFERENCE ON INNOVATIVE ENGINEERING APPLICATIONS, 20 - 22 Eylül 2018
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International Conference on Innovative Engineering Applications, Sivas, Türkiye, 20 - 22 Eylül 2018, ss.327-334
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ghzayel o., karimi m. t., ADANUR S., ALTUNIŞIK A. C.
13th International Congress on Advances in Civil Engineering, 12 - 14 Eylül 2018
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International Technological Sciences and Design Symposium, Giresun, Türkiye, 27 - 29 Haziran 2018, ss.460
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ADANUR S., ALTUNIŞIK A. C., GÜNAYDIN M., mosallam a.
2nd International Symposium on Natural Hazards and Disaster Management, 4 - 06 Mayıs 2018
- XLIX. **Performance of Masonry Buildings During the February, 2017 Ayvacık (Çanakkale)**
ADANUR S., ALTUNIŞIK A. C., GÜNAYDIN M., MOSALLAM A.
2nd INTERNATIONAL SYMPOSIUM ON NATURAL HAZARDS AND DISASTER MANAGEMENT, 4 - 06 Mayıs 2018
- L. **Ambient Vibration Testing Of A Historical Masonry Minaret**
ALTUNIŞIK A. C., GÜNAYDIN M., GENÇ A. F., Okur F. Y.
3. International Conference on Civil and Environmental Engineering, 24 - 27 Nisan 2018
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3. International Conference on Civil and Environmental Engineering, 24 - 27 Nisan 2018
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2nd International Conference on Advanced Engineering Technologies, 21 Eylül - 23 Ekim 2017
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- 2nd International Conference on Advanced Engineering Technologies, 21 Eylül - 23 Ekim 2017
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2nd International Conference on Advanced Engineering Technologies, 21 Eylül - 23 Ekim 2017
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8th International Advanced Technologies Symposium, Elazığ, Türkiye, 19 - 22 Ekim 2017, ss.75-82
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4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, 11 - 13 Ekim 2017
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4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, 11 - 13 Ekim 2017, ss.1-8
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II. International Conference on Advanced Engineering Technologies, Bayburt, Türkiye, 21 - 23 Eylül 2017, ss.1619
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2nd International Conference on Civil and Environmental Engineering (ICOCEE-Cappadocia), 8 - 10 Mayıs 2017
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ICOCEE - Cappadocia 2017, 8 - 10 Mayıs 2017
- LXV. **Analytical, numerical and experimental investigation of a box-sectional cantilever beam with multiple cracks**
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2nd International Conference on Civil and Environmental Engineering, Nevşehir, Türkiye, 8 - 10 Mayıs 2017, ss.2131-2140
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3rd INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING, Antalya, Türkiye, 19 - 24 Ekim 2016
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Zemin Mekaniği ve Geoteknik Mühendisliği 16. Ulusal Kongresi, Türkiye, 13 - 14 Ekim 2016
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8th International Conference on Arch Bridges, Wroclaw, Polonya, 5 - 07 Ekim 2016, ss.1059-1068
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12th International Congress on Advances in Civil Engineering, İstanbul, Türkiye, 21 - 23 Eylül 2016, ss.54
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ALTUNIŞIK A. C., GÜNAYDIN M., SEVİM B., BAYRAKTAR A., ADANUR S.
12th International Congress on Advances in Civil Engineering (ACE2016), 21-23 September, 21 - 23 Eylül 2016
- LXXII. **Near-fault Ground Motion Pulse Effects on the Dynamic Behavior of Concrete Gravity Dam-Reservoir-Foundation Systems using Different Water Modelling Approaches**
ALTUNIŞIK A. C., SESLİ H., AKKÖSE M., HÜSEM M.
ADVANCES IN CIVIL ENGINEERING, İstanbul, Türkiye, 21 - 23 Eylül 2016, cilt.1, sa.1, ss.1-8
- LXXIII. **Near-Fault Ground Motion Pulse Effect on the Dynamic Behavior of Concrete Gravity Dam-Reservoir-Foundation Systems using Different Water Modelling Approaches**
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12th International Congress on Advances in Civil Engineering, İstanbul, Türkiye, 21 - 23 Eylül 2016, ss.54-64
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Istanbul Bridge Conference 2016, İstanbul, Türkiye, 8 - 10 Ağustos 2016, ss.47-57
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6. Çelik Yapılar Sempozyumu, Eskişehir, Türkiye, 15 - 17 Ekim 2015, cilt.1, sa.1, ss.1-10
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3. Köprüler ve Viyadükler Sempozyumu, Bursa, Türkiye, 8 - 10 Mayıs 2015, cilt.1, sa.1, ss.1-10
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- LXXXVII. **HASARLI KEMER BARAJLARIN DİNAMİK KARAKTERİSTİKLERİNİN ZAMANA BAĞLI DEĞİŞİMLERİNİN DENEYSEL YÖNTEMLERLE BELİRLENMESİ**
BAYRAKTAR A., SEVİM B., ALTUNIŞIK A. C., ADANUR S., GÜNAYDIN M.
Uluslararası Katılımlı IV. ULUSAL BARAJ GÜVENLİĞİ SEMPOZYUMU, Elazığ, Türkiye, 9 - 11 Ekim 2014, ss.1-10
- LXXXVIII. **Uzun Açıklıklı Betonarme Karayolu Köprülerinin Deprem Güvenliklerinin Hasarsız Dinamik Deneysel Yöntemlerle Belirlenmesi**
BAYRAKTAR A., ALTUNIŞIK A. C., TÜRKER T.
2. Türkiye Deprem Mühendisliği ve Sismoloji Konferansı, Hatay, Türkiye, 25 - 27 Eylül 2013, ss.1-10
- LXXXIX. **Dynamic behaviour of a cable stayed bridge using CFRP cables**
ADANUR S., GÜNAYDIN M., ALTUNIŞIK A. C., SEVİM B.
Vienna Congress on Recent Advances in Earthquake Engineering and Structural Dynamics, 28 - 30 Ağustos 2013
- XC. **Dynamic Analysis of a Suspension Bridge Using CFRP Composite Material**
Nil Arın A., ADANUR S., GÜNAYDIN M., ALTUNIŞIK A. C., SEVİM B.
2nd International Balkans Conference on Challenges of Civil Engineering, 23 - 25 Mayıs 2013
- XCI. **Lifli Polimer Kompozit Malzeme Kullanılarak İnşa Edilmiş Asma Yaya Köprüsünün Dinamik Analizi**
GÜNAYDIN M., ADANUR S., ALTUNIŞIK A. C., SEVİM B.
İnşaat Mühendisliği'nde 100. Yıl Teknik Kongresi, Türkiye, 22 - 24 Kasım 2012
- XCII. **Yapım Aşamalarının Betonarme Binaların Yapısal Davranışına Etkisi**
GÜNAYDIN M., ADANUR S., ALTUNIŞIK A. C., ATEŞ Ş., SEVİM B.
İnşaat Mühendisliği'nde 100. Yıl Teknik Kongresi, Türkiye, 22 - 24 Kasım 2012
- XCIII. **Seismic Assessment of Existing Engineering Structures using Ambient Vibrations**
BAYRAKTAR A., Sevim B., ALTUNIŞIK A. C., TÜRKER T.
2012 4th International Conference "Problems of Cybernetics and Informatics", PCI 2012 - Proceedings, Baku, Azerbaycan, 24 - 27 Eylül 2012, ss.1-10
- XCIV. **Analitik Model Güncelleme Yöntemi Kullanılarak Köprülerin Hasar Tespiti**
TÜRKER T., ALTUNIŞIK A. C., BAYRAKTAR A., BAŞAĞA H. B.
1. Türkiye Deprem Mühendisliği ve Sismoloji Konferansı, Ankara, Türkiye, 11 - 14 Ekim 2011, ss.1-10
- XCV. **Kömürhan Köprüsünün Sismik Performansının İncelenmesi ve Güçlendirme Önerileri**
Domanic A., BAYRAKTAR A., ALTUNIŞIK A. C., Sevim B., TÜRKER T., Tas Y.
1. Türkiye Deprem Mühendisliği ve Sismoloji Konferansı, Ankara, Türkiye, 11 - 14 Ekim 2011, ss.1-10
- XCVI. **Fatih Sultan Mehmet Köprüsü Yapısal Davranışının Yapım Aşamaları Dikkate Alınarak Belirlenmesi**
GÜNAYDIN M., ALTUNIŞIK A. C., ADANUR S., SEVİM B.
2. KÖPRÜLER VE VİYADÜKLER SEMPOZYUMU, Türkiye, 28 - 30 Eylül 2011
- XCVII. **Kablolu Köprülerin Yapım Aşamasına Göre Analizi**
ATMACA B., ATEŞ Ş., ALTUNIŞIK A. C.
2. Köprüler ve Viyadükler Sempozyumu, Eskişehir, Türkiye, 28 - 30 Eylül 2011, ss.73
- XCVIII. **YAKIN VE UZAK FAY YER HAREKETİ ETKİSİNDEKİ ASMA KÖPRÜLERİN YAPISAL DAVRANIŞLARININ BELİRLENMESİ**
ADANUR S., ALTUNIŞIK A. C., BAYRAKTAR A., Sevim B., AKKÖSE M.

XVII. Ulusal Mekanik Kongresi, Elazığ, Türkiye, 5 - 09 Eylül 2011, cilt.1, sa.1, ss.24-32

- XCIX. Reservoir Water Length Effects on the Dynamic Characteristics of a Prototype Arch Dam**
BAYRAKTAR A., Sevim B., ALTUNIŞIK A. C., AKKÖSE M., ADANUR S.
9th International Congress on Advances in Civil Engineering, Trabzon, Türkiye, 27 - 30 Eylül 2010, cilt.1, ss.286
- C. Comparison of Analysis Results of Footbridges Using Steel and CFRP Materials**
ADANUR S., ALTUNIŞIK A. C., Keskin A.
6th International Engineering and Construction Conference, Kahire, Mısır, 28 - 30 Haziran 2010, cilt.1, ss.581-588
- CI. Boundary Condition Effect on the Dynamic Characteristics of a Steel Bridge Model**
ALTUNIŞIK A. C., BAYRAKTAR A., Sevim B., ADANUR S.
6th International Engineering and Construction Conference, Kahire, Mısır, 28 - 30 Haziran 2010, cilt.1, ss.1019-1028
- CII. Osmanlı Tarihi Çift Kemer Köprüsünün Deneysel Titreşim Verilerinin Elde Edilmesi**
BAYRAKTAR A., ALTUNIŞIK A. C., Sevim B., Birinci F., Ozcan D. M., TÜRKER T., BİRİNCİ KAYAALP F.
Uluslararası Katılımlı Tarihi Eserlerin Güçlendirilmesi ve Geleceğe Güvenle Devredilmesi Sempozyumu-2, Diyarbakır, Türkiye, 15 - 17 Ekim 2009, ss.189-198
- CIII. Tarihi Mikron Köprüsünün Restorasyon Sonrası Dinamik Karakteristiklerinin Belirlenmesi**
BAYRAKTAR A., ALTUNIŞIK A. C., Sevim B., Birinci F., Ozcan D. M., TÜRKER T., BİRİNCİ KAYAALP F.
Uluslararası Katılımlı Tarihi Eserlerin Güçlendirilmesi ve Geleceğe Güvenle Devredilmesi Sempozyumu-2, Diyarbakır, Türkiye, 15 - 17 Ekim 2009, ss.367-378
- CIV. Kemer Taşıyıcı Sistemli Çelik Bir Köprünün Laboratuar Modelinin Oluşturulması**
ALTUNIŞIK A. C., Sevim B., ADANUR S.
3. Ulusal Çelik Yapılar Sempozyumu, Gaziantep, Türkiye, 8 - 10 Ekim 2009, cilt.1, ss.345-352
- CV. Asma Köprülerin Lineer Olmayan Davranışına Askı Şekillerinin Etkisi**
ADANUR S., BAYRAKTAR A., ALTUNIŞIK A. C., Sevim B.
3. Ulusal Çelik Yapılar Sempozyumu, Gaziantep, Türkiye, 8 - 10 Ekim 2009, cilt.1, ss.335-343
- CVI. Kömürhan Köprüsünün Deprem Davranışına Sonlu Eleman Model İyileştirilmesinin Etkisi**
BAYRAKTAR A., ALTUNIŞIK A. C., Sevim B., TÜRKER T.
Sakarya Uluslararası Deprem Sempozyumu, Sakarya, Türkiye, 1 - 02 Ekim 2009, ss.119-129
- CVII. Yapım Aşamaları Dikkate Alınarak Köprülerin Davranışlarının Belirlenmesi**
ALTUNIŞIK A. C., BAYRAKTAR A., Sevim B., Domanic A., ADANUR S.
Uluslararası Sakarya Deprem Sempozyumu 2009, Sakarya, Türkiye, 1 - 03 Ekim 2009, cilt.1, ss.209-219
- CVIII. Tarihi Şenyuva Köprüsünün Dinamik Karakteristiklerinin Deneysel Modal Analiz Yöntemiyle Belirlenmesi**
BAYRAKTAR A., ALTUNIŞIK A. C., Birinci F., Sevim B., TÜRKER T., BİRİNCİ KAYAALP F.
Sakarya Uluslararası Deprem Sempozyumu, Sakarya, Türkiye, 1 - 02 Ekim 2009, ss.609-616
- CIX. Betonarme Binalarda İnşa Aşamalarının Dinamik Karakteristiklere Etkisinin Operasyonel Modal Analiz Yöntemiyle Belirlenmesi**
BAYRAKTAR A., TÜRKER T., Sahin A., ALTUNIŞIK A. C., Sevim B.
Sakarya Uluslararası Deprem Sempozyumu, Sakarya, Türkiye, 1 - 02 Ekim 2009, ss.29-39
- CX. Experimental and Analytical Modal Analyses of a Prototype Arch Dam-Reservoir-Foundation Model**
BAYRAKTAR A., Sevim B., ALTUNIŞIK A. C., ADANUR S., AKKÖSE M.
International Earthquake Symposium Kocaeli 2009, Kocaeli, Türkiye, 17 - 19 Ağustos 2009, ss.256-269
- CXI. Determination of Blast Vibration Effects on the Dynamic Behaviour of the Highway Bridges using Modal Testing**
BAYRAKTAR A., Sevim B., ALTUNIŞIK A. C., TÜRKER T., ADANUR S.
8th International Congress on Advances in Civil Engineering, Gazimagusa, Kıbrıs (Kktc), 15 - 17 Eylül 2008, ss.557-565
- CXII. Finite Element Model Updating of Fluid-Structure Interaction Systems using Operational Modal Analysis**
BAYRAKTAR A., Sevim B., ALTUNIŞIK A. C., TÜRKER T., ADANUR S., AKKÖSE M.
Proceedings of the Fifth International Engineering and Construction Conference (IECC'5), Irvine, Amerika Birleşik

Devletleri, 27 - 29 Ağustos 2008, ss.849-858

- CXIII. **Ambient Vibration Testing of Steel Footbridges for Structural Identification**
BAYRAKTAR A., ALTUNIŞIK A. C., Sevim B., TÜRKER T., ADANUR S., ATEŞ Ş.
Proceedings of the Fifth International Engineering and Construction Conference (IECC'5), Irvine, Amerika Birleşik Devletleri, 27 - 29 Ağustos 2008, ss.87-94
- CXIV. **Karayolu Köprülerinin Sonlu Eleman Modellerinin Operasyonel Modal Analiz Yöntemiyle İyileştirilmesi**
BAYRAKTAR A., ALTUNIŞIK A. C., TÜRKER T., Sevim B., ATEŞ Ş.
1. Köprü ve Viyadükler Sempozyumu, Ankara, Türkiye, 29 - 30 Kasım 2007, ss.355-364
- CXV. **Determination of Model Updating Effects on Earthquake Behaviour of Masonry Building**
BAYRAKTAR A., TÜRKER T., ALTUNIŞIK A. C.
International Earthquake Symposium Kocaeli, 22 - 24 Ekim 2007, cilt.381
- CXVI. **Comparison of Nonlinear Seismic Behavior of Arch Dams to Near-Fault Strong Ground Motion using Westergaard and Lagrangian Approaches**
BAYRAKTAR A., Sevim B., ALTUNIŞIK A. C., AKKÖSE M.
International Symposium on Advances in Earthquake and Structural Engineering (AESE2007), Antalya, Türkiye, 24 - 26 Ekim 2007, ss.393-405
- CXVII. **Determination of Dynamic Characteristics of Turkish Style RC Minarets by Analytical and Experimental Modal Analyses**
BAYRAKTAR A., TÜRKER T., ALTUNIŞIK A. C., Sevim B.
International Symposium on Advances in Earthquake and Structural Engineering- AESE, Isparta, Türkiye, 24 - 26 Ekim 2007, ss.185-194
- CXVIII. **Determination of Earthquake Behaviour of Highway Bridges by Operational Modal Analysis**
BAYRAKTAR A., ALTUNIŞIK A. C., Sevim B., TÜRKER T., ATEŞ Ş., ADANUR S.
International Earthquake Symposium Kocaeli, Kocaeli, Türkiye, 22 - 24 Ekim 2007, ss.368-380
- CXIX. **Determination of Dynamic Characteristics of Steel Footbridges by Analytical and Experimental Modal Analyses**
BAYRAKTAR A., TÜRKER T., ALTUNIŞIK A. C., Sevim B.
International Symposium on Advances in Earthquake and Structural Engineering- AESE, Antalya, Türkiye, 22 - 24 Ekim 2007, ss.163-172
- CXX. **The Determination of Model Updating Effects on Earthquake Behaviour of Masonry Building**
TÜRKER T., BAYRAKTAR A., ALTUNIŞIK A. C., Sevim B.
International Earthquake Symposium Kocaeli, Kocaeli, Türkiye, 22 - 24 Ekim 2007, ss.381-392
- CXXI. **Determination of Dynamic Characteristics and Damage Pattern of Masonry Buildings Exposed The Blast Loads**
BAYRAKTAR A., TÜRKER T., ALTUNIŞIK A. C., Sevim B.
7th International Conference on Shock and Impact Loads on Structures, Beijing, Çin, 17 - 19 Ekim 2007, ss.131-138
- CXXII. **Tarihi Köprülerin Deprem Davranışına Sonlu Eleman Model İyileştirilmesinin Etkisi**
BAYRAKTAR A., ALTUNIŞIK A. C., TÜRKER T., Sevim B.
Altıncı Ulusal Deprem Mühendisliği Konferansı, İstanbul, Türkiye, 16 - 20 Ekim 2007, ss.29-39
- CXXIII. **Tarihi Yığma Köprülerin Sonlu Eleman Modellerinin Operasyonel Modal Analiz Yöntemiyle İyileştirilmesi**
BAYRAKTAR A., ALTUNIŞIK A. C., TÜRKER T., Sevim B.
Tarihi Eserlerin Güçlendirilmesi ve Geleceğe Güvenle Devredilmesi Sempozyumu 1, Ankara, Türkiye, 27 - 29 Eylül 2007, ss.429-440
- CXXIV. **Tarihi Yığma Minarelerin Deprem Güvenliklerinin Operasyonel Modal Analiz Yöntemiyle Belirlenmesi**
BAYRAKTAR A., Sevim B., ALTUNIŞIK A. C., TÜRKER T.
Tarihi Eserlerin Güçlendirilmesi ve Geleceğe Güvenle Devredilmesi Sempozyumu 1, Ankara, Türkiye, 27 - 29 Eylül 2007, ss.415-428
- CXXV. **Toprak dolgu barajların baraj rezervuar temel etkileşimi dikkate alınarak lineer olmayan deprem davranışlarının incelenmesi**

BAYRAKTAR A., ALTUNIŞIK A. C., ATEŞ Ş., HACİFENDİOĞLU K.

1. Ulusal Baraj Güvenliği Sempozyumu, Türkiye, 28 - 30 Mayıs 2007, ss.351-362

CXXVI. Rezervuarların kaya dolgu barajların lineer olmayan deprem davranışına etkisi

BAYRAKTAR A., ALTUNIŞIK A. C., ATEŞ Ş., HACİFENDİOĞLU K.

1. Ulusal Baraj Güvenliği Sempozyumu, Türkiye, 28 - 30 Mayıs 2007, ss.319-328

CXXVII. Düzlem Kafes Taşıyıcı Sistemlerin Operasyonel Modal Analizi

BAYRAKTAR A., TÜRKER T., ALTUNIŞIK A. C., Sevim B.

2. Çelik Yapılar Ulusal Sempozyumu, Eskişehir, Türkiye, 10 - 11 Mayıs 2007, ss.273-281

CXXVIII. Effect of Hanger Shapes on the Geometric Nonlinear Static and Dynamic Responses of Bosphorus Suspension Bridge

ALTUNIŞIK A. C., BAYRAKTAR A., ADANUR S.

7th International Congress on Advances in Civil Engineering, İstanbul, Türkiye, 11 - 13 Ekim 2006, cilt.1, ss.208

Desteklenen Projeler

ALTUNIŞIK A. C., TÜBİTAK Projesi, Betonarme ve Çelik Taşıyıcı Sistem Elemanlarının Yüksek Sıcaklık Etkisi Altındaki Dinamik Karakteristik Değişimlerinin Analitik ve Deneysel Yöntemlerle İncelenmesi, 2017 - Devam Ediyor

ATEŞ Ş., ERGÜN M., ALTUNIŞIK A. C., ÇINAR H., Yükseköğretim Kurumları Destekli Proje, Epoksi Esaslı Enjeksiyon Malzemesi İle Güçlendirilmiş Hasarlı Bir Çelik Kirişin Artık Yorulma Ömrünün Ve Dinamik Karakteristiklerinin Analitik Ve Deneysel Yöntemlerle Belirlenmesi, 2019 - 2021

ALTUNIŞIK A. C., ADANUR S., ATEŞ Ş., SEVİM B., BEKİROĞLU S., GENÇ A. F., OKUR F. Y., KAHYA V., DEMİRKIR C., GÜNAYDIN M., et al., Yükseköğretim Kurumları Destekli Proje, Mühendislik Yapılarının Dinamik Yükler Altındaki Performanslarının Yüksek Kapasiteli Sarsma Masası Kullanılarak Belirlenmesi, 2018 - 2021

ALTUNIŞIK A. C., KAHYA V., TOĞAN V., BAŞAĞA H. B., TUTKUN M., Yükseköğretim Kurumları Destekli Proje, International Civil Engineering and Architecture Conference, 2018 - 2020

ALVER Ü., GÜMÜŞKAYA E., ÇUVALCI H., ASLAN M., GÜLER O., YAZGAN A., DURAN C., KÜÇÜKÖMEROĞLU T., ALTUNIŞIK A. C., OKUMUŞ H. İ., et al., Yükseköğretim Kurumları Destekli Proje, Polimer Matrisli Nano Parçacık Takviyeli Kompozit Malzemelerin Üretilmesi ve Optik ve Termal Özelliklerinin İncelenmesi, 2018 - 2020

ALTUNIŞIK A. C., AKBULUT Y. E., VAROL H., BAŞAĞA H. B., Yükseköğretim Kurumları Destekli Proje, Mühendislik Yapılarının Yüksek Sıcaklık Etkisi Altındaki Dinamik Karakteristik Değişimlerinin Deneysel Modal Analiz Yöntemiyle İncelenmesi, 2018 - 2019

Altunışık A. C., Okur F. Y., TÜBİTAK Projesi, Mühendislik Yapılarında Hasar Tespiti ve Uzun Süreli Sağlık İzlenmesi, 2017 - 2019

Demirkır C., Altunışık A. C., Çolak S., Çolakoğlu G., Aydın İ., Özşahin Ş., TÜBİTAK Projesi, Kontrplak Kaplı Ahsap Yapı Perde Duvarlarının Yapısal Davranışları Ve Sismik Dayanım Performanslarının Belirlenmesi, 2015 - 2018

Bilimsel Dergilerdeki Faaliyetler

Journal Of Bridge Engineering, Editörler Kurulu Üyesi, 2013 - Devam Ediyor

Bilimsel Hakemlikler

ENGINEERING STRUCTURES, SCI Kapsamındaki Dergi, Eylül 2020

ACI STRUCTURAL JOURNAL, SCI Kapsamındaki Dergi, Ağustos 2020

ADVANCES IN MECHANICAL ENGINEERING, SCI Kapsamındaki Dergi, Ağustos 2020

ADVANCES IN CONCRETE CONSTRUCTION, SCI Kapsamındaki Dergi, Temmuz 2020

INTERNATIONAL JOURNAL OF STEEL STRUCTURES, SCI Kapsamındaki Dergi, Temmuz 2020

JOURNAL OF TESTING AND EVALUATION, SCI Kapsamındaki Dergi, Haziran 2020

STRUCTURES, SCI Kapsamındaki Dergi, Haziran 2020
NUCLEAR ENGINEERING AND DESIGN, SCI Kapsamındaki Dergi, Haziran 2020
INTERNATIONAL JOURNAL OF REMOTE SENSING, SCI Kapsamındaki Dergi, Mayıs 2020
CONSTRUCTION AND BUILDING MATERIALS, SCI Kapsamındaki Dergi, Mayıs 2020
INTERNATIONAL JOURNAL OF ACOUSTICS AND VIBRATION, SCI Kapsamındaki Dergi, Mayıs 2020
STRUCTURAL ENGINEERING AND MECHANICS, SCI Kapsamındaki Dergi, Mayıs 2020
SMART STRUCTURES AND SYSTEMS, SCI Kapsamındaki Dergi, Mart 2020
APPLIED MATHEMATICAL MODELLING, SCI Kapsamındaki Dergi, Mart 2020
NONLINEAR DYNAMICS, SCI Kapsamındaki Dergi, Mart 2020
KSCE JOURNAL OF CIVIL ENGINEERING, SCI Kapsamındaki Dergi, Şubat 2020
STRUCTURAL DESIGN OF TALL AND SPECIAL BUILDINGS, SCI Kapsamındaki Dergi, Şubat 2020
JOURNAL OF BRIDGE ENGINEERING, SCI Kapsamındaki Dergi, Ocak 2020
BULLETIN OF EARTHQUAKE ENGINEERING, SCI Kapsamındaki Dergi, Ocak 2020
JOURNAL OF VIBRATION AND CONTROL, SCI Kapsamındaki Dergi, Ocak 2020
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, SCI Kapsamındaki Dergi, Ocak 2020
EARTHQUAKES AND STRUCTURES, SCI Kapsamındaki Dergi, Ocak 2020
INTERNATIONAL JOURNAL OF CIVIL ENGINEERING, SCI Kapsamındaki Dergi, Ocak 2020
EARTHQUAKE ENGINEERING AND ENGINEERING VIBRATION, Hakemli Bilimsel Dergi, Ocak 2020
NATURAL HAZARDS, SCI Kapsamındaki Dergi, Ocak 2020
COMPUTERS AND CONCRETE, SCI Kapsamındaki Dergi, Ocak 2020

Metrikler

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H-İndeks (Scopus): 29

Ödüller

Altunışık A. C., ODTU Mustafa Parlar Araştırma Teşvik ödülünü, Odtu Mustafa Parlar Vakfı, Aralık 2020
Altunışık A. C., TÜBA-ÜSTÜN BAŞARILI GENÇ BİLİM İNSANI ÖDÜLLERİ (GEBİP), Tüba Türkiye Bilimler Akademisi, Aralık 2020
Altunışık A. C., Yılım En Başarılı Bilim İnsanı Ödülü, Karadeniz Teknik Üniversitesi, Haziran 2020
Altunışık A. C., Mühendislik Fakültesi, Uluslararası Bilimsel Dergilerde (SCI) Yapılan Yayınlar a ait Derece Ödülü (Fakülte 1.'liği), Karadeniz Teknik Üniversitesi, Haziran 2020
ALTUNIŞIK A. C., 4th Academic Brilliance Awards-2016, Research & Branding Company Educationexpo, Şubat 2016