

Prof. AHMET CAN ALTUNIŞIK

Personal Information

Office Phone: [+90 462 377 4020](tel:+904623774020)

Fax Phone: [+90 462 377 4020](tel:+904623774020)

Email: ahmetcan@ktu.edu.tr

Other Email: ahmetcan8284@hotmail.com

Web: <https://avesis.ktu.edu.tr//ahmetcan>

Address: Karadeniz Teknik Üniversitesi, İnşaat Mühendisliği Bölümü, 61080, Trabzon, Türkiye

International Researcher IDs

ORCID: 0000-0002-2638-2903

Publons / Web Of Science ResearcherID: AAI-1675-2019

ScopusID: 23395831800

Yoksis Researcher ID: 53448

Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Bölümü, Turkey 2004 - 2010

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 2000 - 2004

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Occupational Health and Safety, İşyeri Hekimliği ve İş Güvenliği Uzmanlığı Eğitici Belgesi, T.C. Çalışma ve Sosyal Güvenlik Bakanlığı, 2013

Education Management and Planning, Deprem Bölgelerinde Yapılacak Binalar Hakkında Yönetmelik, T.C. Çevre ve Şehircilik Bakanlığı, 2012

Dissertations

Doctorate, Karayolu Köprülerinin Yapısal Davranışlarının Analitik ve Deneysel Yöntemlerle Belirlenmesi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Bölümü, 2010

Research Areas

Civil Engineering, Structure, Buildings (industrial, commercial and public), Structural Engineering, Steel Structures, Timber Structures, Performance of Constructed Facilities, Earthquake Engineering, Masonry Structures, Engineering and Technology

Academic Titles / Tasks

- Professor, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2018 - Continues
Associate Professor, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2012 - 2018
Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2011 - 2012
Research Assistant, Karadeniz Technical University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Bölümü, 2005 - 2010

Academic and Administrative Experience

- Deputy Head of Department, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2014 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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, vol.18, no.2, 2024 (SCI-Expanded)
- II. **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, vol.418, 2024 (SCI-Expanded)
- III. **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, no.3, 2024 (SCI-Expanded)
- IV. **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, vol.156, 2024 (SCI-Expanded)
- V. **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, 2024 (SCI-Expanded)
- VI. **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, 2024 (SCI-Expanded)
- VII. **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, vol.17, no.1, 2023 (SCI-Expanded)
- VIII. **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., Baltaci A., et al.
JOURNAL OF EARTHQUAKE AND TSUNAMI, vol.17, no.6, 2023 (SCI-Expanded)
- IX. **Enhanced Modal Participation Ratio-Based Structural Damage Identification: A New Filtering Approach Using Modal Assurance Criteria**
Yilmaz Z., OKUR F. Y., GÜNAYDIN M., ALTUNIŞIK A. C.
Buildings, vol.13, no.10, 2023 (SCI-Expanded)
- X. **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, vol.13, no.8, 2023 (SCI-Expanded)
- XI. **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., Günaydin M., Mostofi S., Mosallam A.
 JOURNAL OF BUILDING ENGINEERING, vol.73, 2023 (SCI-Expanded)
- XII. **Evaluation of soil structure interaction effects on structural performance of historical masonry buildings considering earthquake input models**
 GENÇ A. F., Ertürk Atmaca E., GÜNEYDIN M., ALTUNIŞIK A. C., SEVİM B.
 STRUCTURES, vol.54, pp.869-889, 2023 (SCI-Expanded)
- XIII. **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., GÜNEYDIN M., ADANUR S.
 ENGINEERING FAILURE ANALYSIS, vol.149, 2023 (SCI-Expanded)
- XIV. **A Parametric Study on Damage Assessment of RC Buildings Subjected to Blast Loading**
 ALTUNIŞIK A. C., Önalan F., SUNCA F.
 Arabian Journal for Science and Engineering, vol.48, no.4, pp.5115-5137, 2023 (SCI-Expanded)
- XV. **Modal participation ratio in damage identification of building structures: A numerical validation**
 YILMAZ Z., OKUR F. Y., GÜNEYDIN M., ALTUNIŞIK A. C.
 JVC/Journal of Vibration and Control, 2023 (SCI-Expanded)
- XVI. **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, vol.47, pp.1624-1651, 2023 (SCI-Expanded)
- XVII. **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, vol.17, no.7, pp.1043-1078, 2023 (SCI-Expanded)
- XVIII. **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., GÜNEYDIN M., OKUR F. Y., SEVİM B.
 JOURNAL OF EARTHQUAKE ENGINEERING, vol.27, no.14, pp.4094-4125, 2023 (SCI-Expanded)
- XIX. **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, vol.21, no.1, pp.535-582, 2023 (SCI-Expanded)
- XX. **Diagnosis and Monitoring of Historical Timber Velipasa Han Building Prior to Restoration**
 GÜNEYDIN M., DEMİRKIR C., ALTUNIŞIK A. C., GEZER E. D., GENÇ A. F., OKUR F. Y.
 INTERNATIONAL JOURNAL OF ARCHITECTURAL HERITAGE, vol.17, no.2, pp.285-309, 2023 (SCI-Expanded)
- XXI. **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., GÜNEYDIN M., ALTUNIŞIK A. C., SEVİM B.
 Engineering Failure Analysis, vol.143, 2023 (SCI-Expanded)
- XXII. **Timber vernacular structures: 'Serender' Turkish storage buildings in Eastern Black Sea Region**
 LAKOT ALEMDAĞ E., AL ŞENSOY S., TAVŞAN F., GÜNEYDIN M., GENÇ A. F., YILMAZ Z., ALTUNIŞIK A. C.
 Journal of Architectural Conservation, vol.29, no.3, pp.193-213, 2023 (AHCI)
- XXIII. **Structural condition assessment of a historical masonry school building using experimental and numerical methods**
 GÜNEYDIN M., GENÇ A. F., Altunışık A. C., HACİEFENDİOĞLU K., OKUR F. Y., Okur E., ADANUR S.
 JOURNAL OF CIVIL STRUCTURAL HEALTH MONITORING, vol.12, no.5, pp.1083-1113, 2022 (SCI-Expanded)
- XXIV. **Automated Estimation of Exposed Temperature and Strength Changing Ratio for Fire-Damaged Concrete Using Deep Learning Method**

- Hacıefendioğlu K., Akbulut Y. E., Nayır S., Başağa H. B., Altunışık A. C.
EXPERIMENTAL TECHNIQUES, vol.46, no.5, pp.793-810, 2022 (SCI-Expanded)
- XXV. Automatic Estimation of Post-fire Compressive Strength Reduction of Masonry Structures Using Deep Convolutional Neural Network**
HACİEFENDİOĞLU K., GENÇ A. F., NAYIR S., AYAS S., ALTUNIŞIK A. C.
FIRE TECHNOLOGY, vol.58, no.5, pp.2779-2809, 2022 (SCI-Expanded)
- XXVI. Effect of Ground Motion Scaling Methods on Seismic Response of Masonry Clock Towers**
Ertürk E., ALTUNIŞIK A. C., GENÇ A. F.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, vol.46, no.4, pp.3001-3024, 2022 (SCI-Expanded)
- XXVII. Dynamic Characteristics Monitoring Changes of Damaged and Retrofitted RC Buildings**
GÜNEYDİN M., ADANUR S., ALTUNIŞIK A. C., Mosallam A., SEVİM B.
EXPERIMENTAL TECHNIQUES, vol.46, no.3, pp.457-484, 2022 (SCI-Expanded)
- XXVIII. 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, vol.58, no.3, pp.1169-1208, 2022 (SCI-Expanded)
- XXIX. 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, vol.81, no.6, pp.737-750, 2022 (SCI-Expanded)
- XXX. Nondestructive Experimental Measurement, Model Updating, and Fatigue Life Assessment of carsamba Suspension Bridge**
GÜNEYDİN M., SUNCA F., ALTUNIŞIK A. C., Ergun M., OKUR F. Y.
JOURNAL OF BRIDGE ENGINEERING, vol.27, no.2, 2022 (SCI-Expanded)
- XXXI. FE model updating and seismic performance evaluation of a historical masonry clock tower**
GÜNEYDİN M., ERTÜRK E., GENÇ A. F., OKUR F. Y., ALTUNIŞIK A. C., TAVŞAN C.
EARTHQUAKES AND STRUCTURES, vol.22, no.1, pp.65-82, 2022 (SCI-Expanded)
- XXXII. 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, vol.45, no.4, pp.2525-2554, 2021 (SCI-Expanded)
- XXXIII. Assessment of Structural Damage Following the October 30, 2020 Aegean Sea Earthquake and Tsunami**
ALTUNIŞIK A. C., ATMACA B., Kartal M. E., GÜNEYDİN M., DEMİR S., Ulusan A.
JOURNAL OF EARTHQUAKE AND TSUNAMI, vol.15, no.06, 2021 (SCI-Expanded)
- XXXIV. Multiple damage detection in laminated composite beams using automated model update**
Kahya V., Okur F. Y., Şimşek S., Altunışık A. C., Aslan M.
STRUCTURES, vol.34, pp.1665-1683, 2021 (SCI-Expanded)
- XXXV. 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., GÜNEYDİN M., GENÇ A. F.
JOURNAL OF BUILDING ENGINEERING, vol.43, 2021 (SCI-Expanded)
- XXXVI. Modal identification and fatigue behavior of Eynel steel arch highway bridge with calibrated models**
SUNCA F., Ergun M., ALTUNIŞIK A. C., GÜNEYDİN M., OKUR F. Y.
JOURNAL OF CIVIL STRUCTURAL HEALTH MONITORING, vol.11, no.5, pp.1337-1354, 2021 (SCI-Expanded)
- XXXVII. Effects of the vertical component of ground motion on the seismic performance of Bhakra Gravity Dam**
Sevim B., Altunışık A. C., Günaydin M.
ADVANCES IN CONCRETE CONSTRUCTION, vol.12, no.3, pp.243-255, 2021 (SCI-Expanded)

- XXXVIII. **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, vol.28, no.2, pp.149-187, 2021 (SCI-Expanded)
- XXXIX. **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., GÜNEYDİN M., ATMACA B., ALTUNIŞIK A. C., HÜSEM M., ADANUR S., ANGIN Z., ATEŞ S.
JOURNAL OF EARTHQUAKE AND TSUNAMI, vol.15, no.04, 2021 (SCI-Expanded)
- XL. **Assessment of modal characteristics of cross-laminated timber beams subject to successive damages**
 GENÇ A. F., KAHYA V., ALTUNIŞIK A. C., GÜNEYDİN M., DEMİRKIR C.
ARCHIVES OF CIVIL AND MECHANICAL ENGINEERING, vol.21, no.3, 2021 (SCI-Expanded)
- XLI. **Deformation modulus of rock foundation in Deriner Arch Dam**
 Yilmaz D., ALTUNIŞIK A. C., ADANUR S.
GEOMECHANICS AND ENGINEERING, vol.26, no.1, pp.63-75, 2021 (SCI-Expanded)
- XLII. **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, vol.21, no.3, pp.861-882, 2021 (SCI-Expanded)
- XLIII. **Optimal sensor placements for system identification of concrete arch dams**
 ALTUNIŞIK A. C., SEVİM B., SUNCA F., OKUR F. Y.
ADVANCES IN CONCRETE CONSTRUCTION, vol.11, no.5, pp.397-407, 2021 (SCI-Expanded)
- XLIV. **Seismic damage assessment of masonry buildings in Elazig and Malatya following the 2020 Elazig-Sivrice earthquake, Turkey**
 GÜNEYDİN M., ATMACA B., DEMİR S., ALTUNIŞIK A. C., HÜSEM M., ADANUR S., ATEŞ S., ANGIN Z.
BULLETIN OF EARTHQUAKE ENGINEERING, vol.19, no.6, pp.2421-2456, 2021 (SCI-Expanded)
- XLV. **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, vol.30, pp.166-173, 2021 (SCI-Expanded)
- XLVI. **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, vol.45, no.1, pp.75-87, 2021 (SCI-Expanded)
- XLVII. **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, vol.31, no.1, pp.85-92, 2021 (SCI-Expanded)
- XLVIII. **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, vol.18, no.12, pp.1411-1431, 2020 (SCI-Expanded)
- XLIX. **Ambient vibration test and modelling of historical timer mosques after restoration**
 ALTUNIŞIK A. C., KARAHASAN O. S., OKUR F. Y., Kalkan E., ÖZGAN K.
PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-STRUCTURES AND BUILDINGS, vol.173, no.12, pp.956-968, 2020 (SCI-Expanded)
- L. **Field Investigation on the Performance of Mosques and Minarets during the Elazig-Sivrice Earthquake**
 ATMACA B., DEMİR S., GÜNEYDİN M., ALTUNIŞIK A. C., HÜSEM M., ATEŞ S., ADANUR S., ANGIN Z.
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, vol.34, no.6, 2020 (SCI-Expanded)
- LI. **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, vol.27, no.10, 2020 (SCI-Expanded)
- LII. **Nonlinear Dynamic Response of a RC Frame for Different Structural Conditions Including the Effect of FE Model Updating**
GÜNEYDIN M., GENÇ A. F., KARAHASAN O. Ş., ALTUNIŞIK A. C., OKUR F. Y., ADANUR S.
INTERNATIONAL JOURNAL OF CIVIL ENGINEERING, vol.18, no.5, pp.551-567, 2020 (SCI-Expanded)
- LIII. **Finite-Element Model Updating and Dynamic Responses of Reconstructed Historical Timber Bridges using Ambient Vibration Test Results**
ALTUNIŞIK A. C., KALKAN E., OKUR F. Y., KARAHASAN O. Ş., ÖZGAN K.
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, vol.34, no.1, 2020 (SCI-Expanded)
- LIV. **Damage effect on experimental modal parameters of haunch strengthened concrete-encased composite column-beam connections**
Nasery M. M., HÜSEM M., OKUR F. Y., ALTUNIŞIK A. C.
INTERNATIONAL JOURNAL OF DAMAGE MECHANICS, vol.29, no.2, pp.297-334, 2020 (SCI-Expanded)
- LV. **Dynamic analyses of experimentally-updated FE model of historical masonry clock towers using site-specific seismic characteristics and scaling parameters according to the 2018 Turkey building earthquake code**
GENÇ A. F., Ergun M., GÜNEYDIN M., ALTUNIŞIK A. C., ATEŞ Ş., OKUR F. Y., Mosallam A. S.
ENGINEERING FAILURE ANALYSIS, vol.105, pp.402-426, 2019 (SCI-Expanded)
- LVI. **Ambient Vibration Test and FE Modelling of Historical Timber Mosques after Restoration**
KALKAN E., ALTUNIŞIK A. C., KARAHASAN O. Ş., OKUR F. Y., ÖZGAN K.
PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-STRUCTURES AND BUILDINGS, vol.---, 2019 (SCI-Expanded)
- LVII. **Optimal Sensor Placement for Laminated Composite and Steel Cantilever Beams by Effective Independence Method**
Sunca F., OKUR F. Y., ALTUNIŞIK A. C., KAHYA V.
STRUCTURAL ENGINEERING INTERNATIONAL, vol.---, 2019 (SCI-Expanded)
- LVIII. **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, vol.146, pp.411-424, 2019 (SCI-Expanded)
- LIX. **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, vol.47, no.5, pp.3533-3562, 2019 (SCI-Expanded)
- LX. **Annular Cylindrical Liquid Column Dampers for Control of Structural Vibrations**
ALTUNIŞIK A. C., Yetişken A., KAHYA V.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, vol.43, no.3, pp.479-490, 2019 (SCI-Expanded)
- LXI. **Free vibrations of laminated composite beams with multiple edge cracks: Numerical model and experimental validation**
KAHYA V., Karaca S., OKUR F. Y., ALTUNIŞIK A. C., ASLAN M.
INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, vol.159, pp.30-42, 2019 (SCI-Expanded)
- LXII. **Structural response of historical masonry arch bridges under different arch curvature considering soil-structure interaction**
ALTUNIŞIK A. C., KANBUR B., GENÇ A. F., KALKAN E.
GEOMECHANICS AND ENGINEERING, vol.18, no.2, pp.141-151, 2019 (SCI-Expanded)
- LXIII. **Performance Evaluation of Gravity Dams Subjected to Near- and Far-Fault Ground Motion Using Euler Approaches**
ALTUNIŞIK A. C., SESLİ H., HÜSEM M., AKKOSE M.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, vol.43, no.2, pp.297-

- 325, 2019 (SCI-Expanded)
- LXIV. **Vibrations of a Box-Sectional Cantilever Timoshenko Beam with Multiple Cracks**
ALTUNIŞIK A. C., OKUR F. Y., KAHYA V.
INTERNATIONAL JOURNAL OF STEEL STRUCTURES, vol.19, no.2, pp.635-649, 2019 (SCI-Expanded)
- LXV. **Vibration-based damage detection in beam structures with multiple cracks: modal curvature vs. modal flexibility methods**
ALTUNIŞIK A. C., OKUR F. Y., Karaca S., KAHYA V.
NONDESTRUCTIVE TESTING AND EVALUATION, vol.34, no.1, pp.33-53, 2019 (SCI-Expanded)
- LXVI. **Experimental Investigation on Acceptable Difference Value in Modal Parameters for Model Updating Using RC Building Models**
GÜNEYDIN M., ADANUR S., ALTUNIŞIK A. C.
STRUCTURAL ENGINEERING INTERNATIONAL, vol.29, no.1, pp.150-159, 2019 (SCI-Expanded)
- LXVII. **Damage effect on experimental modal parameters of haunch strengthened concrete encased composite column-beam connections**
NASERY M. M., HÜSEM M., OKUR F. Y., ALTUNIŞIK A. C.
INTERNATIONAL JOURNAL OF DAMAGE MECHANICS, vol.-, 2019 (SCI-Expanded)
- LXVIII. **The Effect of Near-Fault Ground Motion with Pulse Signal on Dynamic Response of Dam-Reservoir-Foundation Systems**
ALTUNIŞIK A. C., SESLİ H., HÜSEM M.
GRADEVINAR, vol.--, 2019 (SCI-Expanded)
- LXIX. **Automated Model Updating Effect on the Linear and Nonlinear Dynamic Responses of Historical Masonry Structures**
ALTUNIŞIK A. C., OKUR F. Y., GENÇ A. F., Guenaydin M., KARAHASAN O. Ş.
EXPERIMENTAL TECHNIQUES, vol.42, no.6, pp.605-621, 2018 (SCI-Expanded)
- LXX. **Effect of Fiber-Reinforced Polymer Strengthening on Dynamic Characteristics of Reinforced Concrete Frame Using Model Updating**
ALTUNIŞIK A. C., KARAHASAN O. Ş., GENÇ A. F., OKUR F. Y., GÜNEYDIN M., KALKAN E., ADANUR S.
ACI STRUCTURAL JOURNAL, vol.115, no.6, pp.1589-1601, 2018 (SCI-Expanded)
- LXXI. **Dynamic response of a historical armory building using the finite element model validated by the ambient vibration test**
ALTUNIŞIK A. C., GENÇ A. F., Gunaydin M., OKUR F. Y., KARAHASAN O. Ş.
JOURNAL OF VIBRATION AND CONTROL, vol.24, no.22, pp.5472-5484, 2018 (SCI-Expanded)
- LXXII. **Sensitivity-Based Model Updating of Building Frames using Modal Test Data**
ALTUNIŞIK A. C., KARAHASAN O. Ş., GENÇ A. F., OKUR F. Y., Gunaydin M., ADANUR S.
KSCE JOURNAL OF CIVIL ENGINEERING, vol.22, no.10, pp.4038-4046, 2018 (SCI-Expanded)
- LXXIII. **Ambient vibration based structural evaluation of reinforced concrete building model**
GÜNEYDIN M., ADANUR S., ALTUNIŞIK A. C.
EARTHQUAKES AND STRUCTURES, vol.15, no.3, pp.335-350, 2018 (SCI-Expanded)
- LXXIV. **Experimental evaluation of damage effect on dynamic characteristics of concrete encased composite column-beam connections**
HÜSEM M., NASERY M. M., OKUR F. Y., ALTUNIŞIK A. C.
ENGINEERING FAILURE ANALYSIS, vol.91, pp.129-150, 2018 (SCI-Expanded)
- LXXV. **Modal parameter identification of RC frame under undamaged, damaged, repaired and strengthened conditions**
ALTUNIŞIK A. C., KARAHASAN O. Ş., GENÇ A. F., OKUR F. Y., Gunaydin M., KALKAN E., ADANUR S.
MEASUREMENT, vol.124, pp.260-276, 2018 (SCI-Expanded)
- LXXVI. **Structural behavior of arch dams considering experimentally validated prototype model using similitude and scaling laws**
ALTUNIŞIK A. C., KALKAN E., BAŞAĞA H. B.
COMPUTERS AND CONCRETE, vol.22, no.1, pp.101-116, 2018 (SCI-Expanded)
- LXXVII. **Ambient Vibration-Based System Identification of a Medieval Masonry Bastion for Health**

Assessment using Nonlinear Analyses

ALTUNIŞIK A. C., GENÇ A. F., Gunaydin M., ADANUR S., OKUR F. Y.

INTERNATIONAL JOURNAL OF NONLINEAR SCIENCES AND NUMERICAL SIMULATION, vol.19, no.2, pp.107-124, 2018 (SCI-Expanded)

- LXXVIII. **Experimental study on control performance of tuned liquid column dampers considering different excitation directions**

ALTUNIŞIK A. C., YETİSKEN A., KAHYA V.

MECHANICAL SYSTEMS AND SIGNAL PROCESSING, vol.102, pp.59-71, 2018 (SCI-Expanded)

- LXXIX. **Automated Model Updating of Historical Masonry Structures Based on Ambient Vibration Measurements**

ALTUNIŞIK A. C., OKUR F. Y., GENÇ A. F., Gunaydin M., ADANUR S.

JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, vol.32, no.1, 2018 (SCI-Expanded)

- LXXX. **STATIONARY AND TRANSIENT RESPONSES OF SUSPENSION BRIDGES TO SPATIALLY VARYING GROUND MOTIONS INCLUDING SITE RESPONSE EFFECT**

ADANUR S., ALTUNIŞIK A. C., SOYLUK K., Dumanoglu A. A.

ADVANCED STEEL CONSTRUCTION, vol.13, no.4, pp.378-398, 2017 (SCI-Expanded)

- LXXXI. **Automated model updating of multiple cracked cantilever beams for damage detection**

ALTUNIŞIK A. C., OKUR F. Y., KAHYA V.

Journal of Constructional Steel Research, vol.138, pp.499-512, 2017 (SCI-Expanded)

- LXXXII. **Earthquake response of heavily damaged historical masonry mosques after restoration**

ALTUNIŞIK A. C., GENÇ A. F.

NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, vol.17, no.10, pp.1811-1821, 2017 (SCI-Expanded)

- LXXXIII. **System identification of arch dam model strengthened with CFRP composite materials**

ALTUNIŞIK A. C., Gunaydin M., SEVİM B., ADANUR S.

STEEL AND COMPOSITE STRUCTURES, vol.25, no.2, pp.231-244, 2017 (SCI-Expanded)

- LXXXIV. **Structural identification of a cantilever beam with multiple cracks: Modeling and validation**

Altumsik A. C., OKUR F. Y., KAHYA V.

INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, vol.130, pp.74-89, 2017 (SCI-Expanded)

- LXXXV. **Modal parameter identification and vibration based damage detection of a multiple cracked cantilever beam**

ALTUNIŞIK A. C., OKUR F. Y., KAHYA V.

ENGINEERING FAILURE ANALYSIS, vol.79, pp.154-170, 2017 (SCI-Expanded)

- LXXXVI. **Finite Modeling Updating Effects on the Dynamic Response of Building Models**

Gunaydin M., ADANUR S., ALTUNIŞIK A. C., SEVİM B., BAYRAKTAR A.

JOURNAL OF TESTING AND EVALUATION, vol.45, no.5, 2017 (SCI-Expanded)

- LXXXVII. **Stationary and Transient Responses of Suspension Bridges to Spatially Varying Ground Motions Including Site Response Effect**

ADANUR S., ALTUNIŞIK A. C., SOYLUK K., DUMANOĞLU A. A.

ADVANCED STEEL CONSTRUCTION, vol.13, no.4, pp.378-397, 2017 (SCI-Expanded)

- LXXXVIII. **Effect of Construction Errors on the Snow-Induced Failure of a Tribune's Columns and Roof**

ALTUNIŞIK A. C., ATEŞ Ş., HÜSEM M.

JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, vol.31, no.3, 2017 (SCI-Expanded)

- LXXXIX. **Structural Identification of a Cantilever Beam with Multiple Cracks: Modelling and Validation**

ALTUNIŞIK A. C., OKUR F. Y., KAHYA V.

INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES, vol.130, pp.74-89, 2017 (SCI-Expanded)

- XC. **Wave-passage effect on the seismic response of suspension bridges considering local soil conditions**

ADANUR S., ALTUNIŞIK A. C., BAŞAĞA H. B., Soyluk K., DUMANOĞLU A. A.

INTERNATIONAL JOURNAL OF STEEL STRUCTURES, vol.17, no.2, pp.501-513, 2017 (SCI-Expanded)

- XCI. **Stationary and Transient Responses of Suspension Bridges to Spatially Varying Ground Motions Including Site Response Effect**

ADANUR S., ALTUNIŞIK A. C., SOYLUK K., DUMANOĞLU A. A.

- ADVANCED STEEL CONSTRUCTION, vol.13, no.4, pp.378-397, 2017 (SCI-Expanded)
- XCII. **Collapse of steel cantilever roof of tribune induced by snow loads**
ALTUNIŞIK A. C., ATEŞ Ş., HÜSEM M., GENÇ A. F.
STEEL AND COMPOSITE STRUCTURES, vol.23, no.3, pp.273-283, 2017 (SCI-Expanded)
- XCIII. **An Investigation of the Seismic Behaviour of an Ancient Masonry Bastion Using Non-Destructive and Numerical Methods**
ALTUNIŞIK A. C., ADANUR S., GENÇ A. F., GUNAYDIN M., OKUR F. Y.
EXPERIMENTAL MECHANICS, vol.57, no.2, pp.245-259, 2017 (SCI-Expanded)
- XCIV. **Lateral buckling failure of steel cantilever roof of a tribune due to snow loads**
ALTUNIŞIK A. C., ATEŞ Ş., HÜSEM M.
ENGINEERING FAILURE ANALYSIS, vol.72, pp.67-78, 2017 (SCI-Expanded)
- XCV. **Manual model updating of highway bridges under operational condition**
ALTUNIŞIK A. C., Bayraktar A.
SMART STRUCTURES AND SYSTEMS, vol.19, no.1, pp.39-46, 2017 (SCI-Expanded)
- XCVI. **Shaking table test of wooden building models for structural identification**
ALTUNIŞIK A. C.
EARTHQUAKES AND STRUCTURES, vol.12, no.1, pp.67-77, 2017 (SCI-Expanded)
- XCVII. **Manual Model Updating of Highway Bridges under Operational Condition**
ALTUNIŞIK A. C., BAYRAKTAR A.
SMART STRUCTURES AND SYSTEMS, vol.19, no.1, pp.39-46, 2017 (SCI-Expanded)
- XCVIII. **Stochastic response of suspension bridges for various spatial variability models**
ADANUR S., ALTUNIŞIK A. C., SOYLUK K., DUMANOĞLU A. A.
STEEL AND COMPOSITE STRUCTURES, vol.22, no.5, pp.1001-1018, 2016 (SCI-Expanded)
- XCIX. **Structural Performance Evaluation of Arch Type Long Span Highway Bridge**
ALTUNIŞIK A. C., BAYRAKTAR A.
INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES, vol.23, pp.188-202, 2016 (SCI-Expanded)
- C. **Stationary and Transient Responses of Suspension Bridges to Spatially Varying Ground Motions Including Site Response Effect**
ADANUR S., ALTUNIŞIK A. C., SOYLUK K., BAYRAKTAR A., DUMANOĞLU A. A.
ADVANCED STEEL CONSTRUCTION, vol.---, 2016 (SCI-Expanded)
- CI. **Dynamic Characteristics of an Arch Dam Model before and after Strengthening with Consideration of Reservoir Water**
ALTUNIŞIK A. C., GUNAYDIN M., SEVİM B., BAYRAKTAR A., ADANUR S.
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, vol.30, no.6, 2016 (SCI-Expanded)
- CII. **Dynamic Characteristics of an Arch Dam Model before/after Strengthening Considering Reservoir Water**
ALTUNIŞIK A. C., GÜNEYDİN M., SEVİM B., BAYRAKTAR A., ADANUR S.
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, vol.6, pp.45-61, 2016 (SCI-Expanded)
- CIII. **Finite Modeling Updating Effects on the Dynamic Response of Building Models**
GÜNEYDİN M., ADANUR S., ALTUNIŞIK A. C., SEVİM B., BAYRAKTAR A.
JOURNAL OF TESTING AND EVALUATION, vol.45, no.5, pp.267-292, 2016 (SCI-Expanded)
- CIV. **Manual Model Updating of Highway Bridges under Operational Condition**
ALTUNIŞIK A. C., BAYRAKTAR A.
SMART STRUCTURES AND SYSTEMS, vol.20, pp.1-30, 2016 (SCI-Expanded)
- CV. **System Identification of a Prototype Arch Dam Model under Damaged, Repaired and Strengthened Conditions**
ALTUNIŞIK A. C., GÜNEYDİN M., SEVİM B., BAYRAKTAR A., ADANUR S.
ADVANCES IN MECHANICAL ENGINEERING, vol.10, pp.105-124, 2016 (SCI-Expanded)
- CVI. **Investigation of earthquake angle effect on the seismic performance of steel bridges**
ALTUNIŞIK A. C., Kalkan E.
STEEL AND COMPOSITE STRUCTURES, vol.22, no.4, pp.855-874, 2016 (SCI-Expanded)

- CVII. The Effect of Construction Errors on the Snow-Induced Failure of Tribune Columns and Roof**
ALTUNIŞIK A. C., ATEŞ S., HÜSEM M.
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, vol.36, pp.198-219, 2016 (SCI-Expanded)
- CVIII. Non-destructive testing of an ancient Masonry Bastion**
ALTUNIŞIK A. C., ADANUR S., GENÇ A. F., Gunaydin M., OKUR F. Y.
JOURNAL OF CULTURAL HERITAGE, vol.22, pp.1049-1054, 2016 (SCI-Expanded)
- CIX. Experimental identification of box girder bridge model under undamaged and damaged conditions considering time effect**
ALTUNIŞIK A. C.
COMPUTERS AND CONCRETE, vol.18, no.4, pp.827-852, 2016 (SCI-Expanded)
- CX. Retrofitting Effect on the Dynamic Properties of Model Arch Dam with and without Reservoir Water using Ambient Vibration Test Methods**
ALTUNIŞIK A. C., Gunaydin M., SEVİM B., BAYRAKTAR A., ADANUR S.
JOURNAL OF STRUCTURAL ENGINEERING-ASCE, vol.142, no.10, pp.1-20, 2016 (SCI-Expanded)
- CXI. A study on seismic behaviour of masonry mosques after restoration**
ALTUNIŞIK A. C., Bayraktar A., GENÇ A. F.
EARTHQUAKES AND STRUCTURES, vol.10, no.6, pp.1331-1346, 2016 (SCI-Expanded)
- CXII. Contribution of local site-effect on the seismic response of suspension bridges to spatially varying ground motions**
ADANUR S., ALTUNIŞIK A. C., SOYLUK K., Dumanoglu A. A., Bayraktar A.
EARTHQUAKES AND STRUCTURES, vol.10, no.5, pp.1233-1251, 2016 (SCI-Expanded)
- CXIII. Multiple-Support Seismic Response of Bosporus Suspension Bridge for Various Random Vibration Methods**
ADANUR S., ALTUNIŞIK A. C., SOYLUK K., BAYRAKTAR A., DUMANOĞLU A. A.
STRUCTURAL ENGINEERING INTERNATIONAL, vol.5, pp.54-67, 2016 (SCI-Expanded)
- CXIV. Field Investigation of the Performance of Masonry Buildings during the October 23 and November 9, 2011, Van Earthquakes in Turkey**
Bayraktar A., ALTUNIŞIK A. C., Muvafig M.
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, vol.30, no.2, 2016 (SCI-Expanded)
- CXV. Structural health assessment and restoration procedure of an old riveted steel arch bridge**
Bayraktar A., ALTUNIŞIK A. C., TÜRKER T.
Soil Dynamics and Earthquake Engineering, vol.83, pp.148-161, 2016 (SCI-Expanded)
- CXVI. Structural performance evaluation of arch type long span highway bridge**
ALTUNIŞIK A. C., Bayraktar A.
Indian Journal of Engineering and Materials Sciences, vol.23, pp.188-202, 2016 (SCI-Expanded)
- CXVII. Retrofitting Effect on the Dynamic Properties of Model-Arch Dam with and without Reservoir Water Using Ambient-Vibration Test Methods**
ALTUNIŞIK A. C., Gunaydin M., SEVİM B., BAYRAKTAR A., ADANUR S.
JOURNAL OF STRUCTURAL ENGINEERING, vol.142, no.10, 2016 (SCI-Expanded)
- CXVIII. Ambient vibration testing and seismic behavior of historical arch bridges under near and far fault ground motions**
SEVİM B., Atamturktur S., ALTUNIŞIK A. C., Bayraktar A.
BULLETIN OF EARTHQUAKE ENGINEERING, vol.14, no.1, pp.241-259, 2016 (SCI-Expanded)
- CXIX. Structural Condition Assessment of Birecik Highway Bridge Using Operational Modal Analysis**
Bayraktar A., ALTUNIŞIK A. C., TÜRKER T.
INTERNATIONAL JOURNAL OF CIVIL ENGINEERING, vol.14, pp.35-46, 2016 (SCI-Expanded)
- CXX. The effect of arch geometry on the structural behavior of masonry bridges**
ALTUNIŞIK A. C., KANBUR B., GENÇ A. F.
SMART STRUCTURES AND SYSTEMS, vol.16, no.6, pp.1069-1089, 2015 (SCI-Expanded)
- CXXI. Structural Performance Evaluation of 90 RC Buildings Collapsed during the 2011 Van, Turkey, Earthquakes**

- Bayraktar A., ALTUNIŞIK A. C., TÜRKER T., Karadeniz H., Erdoğu Ş., Angın Z., Özşahin T. Ş.
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, vol.29, no.6, 2015 (SCI-Expanded)
- CXXII. **Dynamic response of concrete gravity dams using different water modelling approaches: westergaard, lagrange and euler**
ALTUNIŞIK A. C., Sesli H.
COMPUTERS AND CONCRETE, vol.16, no.3, pp.429-448, 2015 (SCI-Expanded)
- CXXIII. **Determination of the restoration effect on the structural behavior of masonry arch bridges**
ALTUNIŞIK A. C., BAYRAKTAR A., GENÇ A. F.
SMART STRUCTURES AND SYSTEMS, vol.16, no.1, pp.101-139, 2015 (SCI-Expanded)
- CXXIV. **CFRP composite retrofitting effect on the dynamic characteristics of arch dams**
ALTUNIŞIK A. C., Gunaydin M., SEVİM B., Bayraktar A., ADANUR S.
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.74, pp.1-9, 2015 (SCI-Expanded)
- CXXV. **Time dependent changing of dynamic characteristics of laboratory arch dam model**
ALTUNIŞIK A. C., SEVİM B., Bayraktar A., ADANUR S., Gunaydin M.
KSCE JOURNAL OF CIVIL ENGINEERING, vol.19, no.4, pp.1069-1077, 2015 (SCI-Expanded)
- CXXVI. **Experimental frequencies and damping ratios for historical masonry arch bridges**
Bayraktar A., TÜRKER T., ALTUNIŞIK A. C.
CONSTRUCTION AND BUILDING MATERIALS, vol.75, pp.234-241, 2015 (SCI-Expanded)
- CXXVII. **Static and dynamic responses of Halgavor Footbridge using steel and FRP materials**
Gunaydin M., ADANUR S., ALTUNIŞIK A. C., SEVİM B.
STEEL AND COMPOSITE STRUCTURES, vol.18, no.1, pp.51-69, 2015 (SCI-Expanded)
- CXXVIII. **Stochastic seismic analysis of Komurhan Highway Bridge with varying material properties**
ÇAVDAR Ö., Bayraktar A., ALTUNIŞIK A. C.
CIVIL ENGINEERING AND ENVIRONMENTAL SYSTEMS, vol.32, no.3, pp.193-205, 2015 (SCI-Expanded)
- CXXIX. **Structural Performance Evaluation of Arch Type Long Span Highway Bridge**
ALTUNIŞIK A. C., BAYRAKTAR A.
INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES, vol.1, no.1, pp.1-15, 2014 (SCI-Expanded)
- CXXX. **Dynamic Responses of Gülburnu Highway Bridge using Friction Pendulums**
Yurdakul M., ATEŞ Ş., ALTUNIŞIK A. C.
EARTHQUAKES AND STRUCTURES, vol.7, no.4, pp.511-525, 2014 (SCI-Expanded)
- CXXXI. **Construction stages analyses using time dependent material properties of concrete arch dams**
SEVİM B., ALTUNIŞIK A. C., Bayraktar A.
COMPUTERS AND CONCRETE, vol.14, no.5, pp.599-612, 2014 (SCI-Expanded)
- CXXXII. **Finite Element Model Updating Effect on the Structural Behavior of Long Span Concrete Highway Bridges**
ALTUNIŞIK A. C., BAYRAKTAR A.
COMPUTERS AND CONCRETE, vol.1, no.1, pp.1-20, 2014 (SCI-Expanded)
- CXXXIII. **Environmental effects on the dynamic characteristics of the Gulburnu Highway Bridge**
Bayraktar A., ALTUNIŞIK A. C., SEVİM B., ÖZŞAHİN T. Ş.
CIVIL ENGINEERING AND ENVIRONMENTAL SYSTEMS, vol.31, no.4, pp.347-366, 2014 (SCI-Expanded)
- CXXXIV. **Comparison of the dynamic responses of Gulburnu Highway Bridge using single and triple concave friction pendulums**
YURDAKUL M., ATEŞ Ş., ALTUNIŞIK A. C.
EARTHQUAKES AND STRUCTURES, vol.7, no.4, pp.511-525, 2014 (SCI-Expanded)
- CXXXV. **Determination of structural behavior of Bosphorus suspension bridge considering construction stages and different soil conditions**
Gunaydin M., ADANUR S., ALTUNIŞIK A. C., SEVİM B., TÜRKER E.
STEEL AND COMPOSITE STRUCTURES, vol.17, no.4, pp.405-429, 2014 (SCI-Expanded)
- CXXXVI. **Damages of minarets during Ercis and Edremit Earthquakes, 2011 in Turkey**
Bayraktar A., ALTUNIŞIK A. C., Muvaflı M.
SMART STRUCTURES AND SYSTEMS, vol.14, no.3, pp.479-499, 2014 (SCI-Expanded)

- CXXXVII. **Ambient vibration testing of Berta Highway Bridge with post-tension tendons**
 Kudu F. N., Bayraktar A., Bakir P. G., TÜRKER T., ALTUNIŞIK A. C.
 STEEL AND COMPOSITE STRUCTURES, vol.16, no.1, pp.23-46, 2014 (SCI-Expanded)
- CXXXVIII. **Analytical and experimental modal analyses of a highway bridge model**
 ALTUNIŞIK A. C., Bayraktar A., SEVİM B.
 COMPUTERS AND CONCRETE, vol.12, no.6, pp.803-818, 2013 (SCI-Expanded)
- CXXXIX. **Performance and damages of reinforced concrete buildings during the October 23 and November 9, 2011 Van, Turkey, earthquakes**
 Bayraktar A., ALTUNIŞIK A. C., Pehlivan M.
 SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.53, pp.49-72, 2013 (SCI-Expanded)
- CXL. **Comparison of earthquake behavior of reinforced concrete minarets using fiber-reinforced polymer composite**
 Altunisik A. C.
 STRUCTURAL DESIGN OF TALL AND SPECIAL BUILDINGS, vol.22, no.9, pp.749-758, 2013 (SCI-Expanded)
- CXLI. **Structural Identification of Concrete Arch Dams by Ambient Vibration Tests**
 SEVİM B., ALTUNIŞIK A. C., BAYRAKTAR A.
 ADVANCES IN CONCRETE CONSTRUCTION, vol.1, no.3, pp.227-237, 2013 (SCI-Expanded)
- CXLII. **Earthquake Behavior of Berke Arch Dam Using Ambient Vibration Test Results**
 SEVİM B., ALTUNIŞIK A. C., Bayraktar A.
 JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, vol.26, no.6, pp.780-792, 2012 (SCI-Expanded)
- CXLIII. **Construction stage analysis of Humber Suspension Bridge**
 ADANUR S., Gunaydin M., ALTUNIŞIK A. C., Sevim B.
 APPLIED MATHEMATICAL MODELLING, vol.36, no.11, pp.5492-5505, 2012 (SCI-Expanded)
- CXLIV. **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, vol.19, no.5, pp.320-330, 2012 (SCI-Expanded)
- CXLV. **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, vol.64, no.1, pp.593-614, 2012 (SCI-Expanded)
- CXLVI. **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, vol.10, no.3, pp.277-294, 2012 (SCI-Expanded)
- CXLVII. **Seismic safety assessment of eynel highway steel bridge using ambient vibration measurements**
 ALTUNIŞIK A. C., Bayraktar A., Ozdemir H.
 SMART STRUCTURES AND SYSTEMS, vol.10, no.2, pp.131-154, 2012 (SCI-Expanded)
- CXLVIII. **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, vol.39, pp.23-36, 2012 (SCI-Expanded)
- CXLIX. **Construction stage analysis of fatih sultan mehmet suspension bridge**
 Gunaydin M., ADANUR S., ALTUNIŞIK A. C., SEVİM B.
 STRUCTURAL ENGINEERING AND MECHANICS, vol.42, no.4, pp.489-505, 2012 (SCI-Expanded)
- CL. **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, vol.24, no.4, pp.321-329, 2012 (SCI-Expanded)
- CLI. **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, vol.40, no.1, pp.148-157, 2012 (SCI-Expanded)
- CLII. **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, vol.36, no.1, pp.72-82, 2012 (SCI-Expanded)
- CLIII. **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, vol.67, no.12, pp.1912-1921, 2011 (SCI-Expanded)
- CLIV. **Ambient vibration based seismic evaluation of isolated Gulburnu highway bridge**
ALTUNIŞIK A. C., Bayraktar A., Sevim B., ATEŞ Ş.
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.31, no.11, pp.1496-1510, 2011 (SCI-Expanded)
- CLV. **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, vol.47, no.7, pp.621-634, 2011 (SCI-Expanded)
- CLVI. **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, vol.25, no.4, pp.336-356, 2011 (SCI-Expanded)
- CLVII. **Dynamic Characteristics of a Prototype Arch Dam**
Sevim B., BAYRAKTAR A., ALTUNIŞIK A. C., ADANUR S., Akkose M.
EXPERIMENTAL MECHANICS, vol.51, no.5, pp.787-791, 2011 (SCI-Expanded)
- CLVIII. **Finite element model calibration of berke arch dam using operational modal testing**
Sevim B., Bayraktar A., ALTUNIŞIK A. C.
JOURNAL OF VIBRATION AND CONTROL, vol.17, no.7, pp.1065-1079, 2011 (SCI-Expanded)
- CLIX. **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, vol.37, no.6, pp.593-615, 2011 (SCI-Expanded)
- CLX. **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, vol.63, no.4, pp.755-770, 2011 (SCI-Expanded)
- CLXI. **Output-Only System Identification of Posttensioned Segmental Concrete Highway Bridges**
ALTUNIŞIK A. C., Bayraktar A., Sevim B.
JOURNAL OF BRIDGE ENGINEERING, vol.16, no.2, pp.259-266, 2011 (SCI-Expanded)
- CLXII. **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, vol.47, no.2, pp.85-97, 2011 (SCI-Expanded)
- CLXIII. **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, vol.17, no.1, pp.129-149, 2011 (SCI-Expanded)
- CLXIV. **Dynamic response of masonry minarets strengthened with Fiber Reinforced Polymer (FRP) composites**
Altunisik A. C.
NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, vol.11, no.7, pp.2011-2019, 2011 (SCI-Expanded)
- CLXV. **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, vol.28, no.3, pp.247-259, 2011 (SCI-Expanded)
- CLXVI. **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, vol.10, no.6, pp.541-561, 2010 (SCI-Expanded)
- CLXVII. 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, vol.21, no.4, pp.5185-5205, 2010 (SCI-Expanded)
- CLXVIII. 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, vol.36, no.2, pp.207-223, 2010 (SCI-Expanded)
- CLXIX. 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, vol.38, no.5, pp.588-597, 2010 (SCI-Expanded)
- CLXX. 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, vol.38, no.4, pp.467-481, 2010 (SCI-Expanded)
- CLXXI. 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, vol.30, no.5, pp.310-319, 2010 (SCI-Expanded)
- CLXXII. 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, vol.6, no.4, pp.373-388, 2010 (SCI-Expanded)
- CLXXIII. 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, vol.19, no.3, pp.257-273, 2010 (SCI-Expanded)
- CLXXIV. Ambient Vibration Tests of a Steel Footbridge**
 Bayraktar A., ALTUNIŞIK A. C., Sevim B., TÜRKER T.
 JOURNAL OF NONDESTRUCTIVE EVALUATION, vol.29, no.1, pp.14-24, 2010 (SCI-Expanded)
- CLXXV. 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, vol.66, no.3, pp.462-469, 2010 (SCI-Expanded)
- CLXXVI. 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, vol.24, no.1, pp.46-52, 2010 (SCI-Expanded)
- CLXXVII. 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, vol.58, no.4, pp.655-673, 2009 (SCI-Expanded)
- CLXXVIII. Finite Element Model Updating of Komurhan Highway Bridge**
 Bayraktar A., ALTUNIŞIK A. C., Sevim B., Tuerker T.
 TEKNIK DERGI, vol.20, no.2, pp.4675-4700, 2009 (SCI-Expanded)
- CLXXIX. 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, vol.33, no.2, pp.65-75, 2009 (SCI-Expanded)
- CLXXX. 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, vol.28, no.1, pp.37-47, 2009 (SCI-Expanded)
- CLXXXI. 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, vol.23, no.2, pp.90-99, 2009 (SCI-Expanded)
- CLXXXII. 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, vol.23, no.2, pp.81-89, 2009 (SCI-Expanded)
- CLXXXIII. 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, vol.4, no.4, pp.177-185, 2009 (SCI-Expanded)
- CLXXXIV. 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, vol.36, no.6, pp.516-524, 2008 (SCI-Expanded)
- CLXXXV. 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, vol.19, no.3, pp.1-39, 2008 (AHCI)
- CLXXXVI. 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, vol.28, no.4, pp.411-442, 2008 (SCI-Expanded)
- CLXXXVII. Modal testing and finite element model calibration of an arch type steel footbridge**
 Bayraktar A., Altunişik A. C., Sevim B., Türker T.
 STEEL AND COMPOSITE STRUCTURES, vol.7, pp.487-502, 2007 (SCI-Expanded)

Articles Published in Other Journals

- 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), vol.6, no.2, pp.157-166, 2023 (Peer-Reviewed Journal)
- II. **Finite element model updating of İskenderpaşa mosque and minaret based on experimental measurements**
 GENÇ A. F., ALTUNIŞIK A. C., Günaydin M., OKUR F. Y.
 Journal of Structural Engineering & Applied Mechanics (Online), vol.5, no.4, pp.264-276, 2022 (Peer-Reviewed Journal)
- 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), vol.5, no.4, pp.197-221, 2022 (Peer-Reviewed Journal)
- IV. **Structural modeling in object-oriented based software by utilizing data tables**
 Yilmaz Z., Okur F. Y., Günaydin M., Altunişik A. C.
 Journal of Construction Engineering, Management & Innovation, vol.4, no.4, pp.267-273, 2021 (Peer-Reviewed Journal)
- V. **Effect of Damping Ratios on the Seismic Behavior of a Historical Masonry Guesthouse Building**
 GENÇ A. F., ERTÜRK E., ALTUNIŞIK A. C., GÜNEYDIN M., OKUR F. Y.
 Recep Tayyip Erdogan University Journal of Science and Engineering, vol.2, no.2, pp.60-71, 2021 (Peer-Reviewed Journal)
- 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, vol.4, no.3, pp.163-183, 2021 (Peer-Reviewed Journal)
- VII. **Experimental Modal Analysis and Structural Health Monitoring of the Double Curvature Deriner Arch Dam**
ALTUNIŞIK A. C., Kalkan Okur E., OKUR F. Y., GÜNEYDIN M., GENÇ A. F.
Natural and Applied Sciences Journal, vol.4, no.1, pp.22-29, 2021 (Peer-Reviewed Journal)
- 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), vol.4, no.1, pp.28-45, 2021 (Peer-Reviewed Journal)
- IX. **Lessons learned from the past earthquakes on building performance in Turkey**
ATMACA B., DEMİR S., GÜNEYDIN M., ALTUNIŞIK A. C., HÜSEM M., ATEŞ Ş., ADANUR S., ANGIN Z.
Journal of Structural Engineering Applied Mechanics, vol.3, no.2, pp.61-84, 2020 (Peer-Reviewed Journal)
- 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, vol.6, no.3, pp.120-131, 2020 (Peer-Reviewed Journal)
- XI. **Numerical Modeling of Masonry Infilled Reinforced Concrete Building during Construction Stages Using ABAQUS Software**
Roudane B., ADANUR S., ALTUNIŞIK A. C.
BUILDINGS, vol.9, no.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, vol.3, no.5, pp.1-14, 2018 (Peer-Reviewed Journal)
- 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, vol.12, pp.134-149, 2018 (Peer-Reviewed Journal)
- XIV. **Effects of Strand Configuration on Pre-tensioned I-Girders**
ATMACA B., ATEŞ Ş., GÜNEYDIN M., ALTUNIŞIK A. C.
Sigma Journal of Engineering and Natural Sciences, vol.36, no.1, pp.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, vol.36, no.1, pp.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, vol.3, no.1, pp.87-112, 2018 (ESCI)
- XVII. **Kemer Barajlarının Yapısal Davranışlarını Belirlemek Amacıyla Geliştirilen Mühendislik Yazılımı**
ALTUNIŞIK A. C., KALKAN E., BAŞAĞA H. B.
DSİ TEKNİK BÜLTENİ, no.126, pp.1-21, 2017 (Peer-Reviewed Journal)
- XVIII. **KEMER BARAJLARIN YAPISAL DAVRANIŞLARINI BELİRLEMEK AMACIYLA GELİŞTİRİLEN MÜHENDİSLİK YAZILIMI**
ALTUNIŞIK A. C., kalkan e., BAŞAĞA H. B.
DSİ Teknik Bülteni, vol.0, no.126, pp.1-21, 2017 (Peer-Reviewed Journal)
- 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,

- vol.35, no.4, pp.609-631, 2017 (ESCI)
- XX.** **Kompozit Kolon Elemanlarının Modal Davranışlarının Belirlenmesi**
SEVİM B., ALTUNIŞIK A. C.
DU Mühendislik Fakültesi Mühendislik Dergisi, 2017 (Peer-Reviewed Journal)
- XXI.** **Betonarme Binaların Yapım Aşamasına Göre Analizi**
GÜNEYDIN M., ADANUR S., ALTUNIŞIK A. C., SEVİM B.
Yapı Dünyası, no.197-198, pp.39-45, 2012 (Peer-Reviewed Journal)
- XXII.** **Asma Köprülerin Yapısal Davranışlarının Belirlenmesinde Yapım Aşamalarının Dikkate Alınması**
GÜNEYDIN M., ADANUR S., ALTUNIŞIK A. C., SEVİM B.
Yapı Dünaysı, vol.184, pp.21-27, 2011 (Peer-Reviewed Journal)
- XXIII.** **Ölçeklendirilmiş Bir Kemer Barajın Laboratuar Modelinin Oluşturulması**
BAYRAKTAR A., Sevim B., ALTUNIŞIK A. C., ADANUR S., AKKÖSE M.
DSİ TEKNİK BÜLTENİ, vol.107, pp.1-13, 2010 (Peer-Reviewed Journal)
- XXIV.** **Tarihi Yapıların Deprem Güvenliklerinin Tahribatsız Deneysel Yöntemlerle Belirlenmesi**
BAYRAKTAR A., ALTUNIŞIK A. C., Sevim B., TÜRKER T., Birinci F.
İMO İstanbul, vol.98, pp.10-20, 2010 (Peer-Reviewed Journal)
- XXV.** **Ölçeklendirilmiş Bir Kemer Barajın Laboratuar Modelinin Oluşturulması**
BAYRAKTAR A., Sevim B., ALTUNIŞIK A. C., ADANUR S., AKKÖSE M.
DSİ TEKNİK BÜLTENİ, vol.107, pp.1-13, 2010 (Peer-Reviewed Journal)
- XXVI.** **Ölçeklendirilmiş Bir Kemer Barajın Laboratuar Modelinin Oluşturulması**
BAYRAKTAR A., Sevim B., ALTUNIŞIK A. C., ADANUR S., AKKÖSE M.
DSİ TEKNİK BÜLTENİ, vol.107, pp.1-13, 2010 (Peer-Reviewed Journal)
- XXVII.** **Ölçeklendirilmiş Bir Kemer Barajın Laboratuar Modelinin Oluşturulması**
BAYRAKTAR A., Sevim B., ALTUNIŞIK A. C., ADANUR S., AKKÖSE M.
DSİ TEKNİK BÜLTENİ, vol.107, pp.1-13, 2010 (Peer-Reviewed Journal)
- 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, vol.161, pp.11-15, 2009 (Peer-Reviewed Journal)
- 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, vol.98, pp.10-21, 2008 (Peer-Reviewed Journal)
- XXX.** **Köprülerin Dinamik Karakteristiklerinin Operasyonel Modal Analiz Yöntemiyle Belirlenmesi**
BAYRAKTAR A., ALTUNIŞIK A. C., Sevim B., TÜRKER T., Domanic A., Taş Y.
Yapı Dünyası, vol.150, pp.44-57, 2008 (Peer-Reviewed Journal)

Books & Book Chapters

- 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., GÜNEYDIN 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., GÜNEYDIN 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., GÜNEYDIN M., OKUR F. Y.
 LAP LAMBERT Academic Publishing, Balti, 2017
- VII. **NONDESTRUCTIVE TESTING STRUCTURAL BRIDGE IDENTIFICATION**
 ALTUNIŞIK A. C.
 in: Structural Bridge Engineering, Shahidan S., Editor, Intech, Berlin, pp.165-190, 2016
- VIII. **Seismic Performance Evaluation of Concrete Dams**
 BAYRAKTAR A., SEVİM B., ALTUNIŞIK A. C., KARTAL M. E., TÜRKER T.
 in: Dam Safety, Şen Z., Editor, Turkish Water Foundation, İstanbul, pp.173-198, 2007

Refereed Congress / Symposium Publications in Proceedings

- 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, Turkey, 12 October 2023
- II. **Ambient vibration based model updating of a historical masonry church**
 ERTÜRK E., ALTUNIŞIK A. C., GENÇ A. F., GÜNEYDIN M., OKUR F. Y.
 International Congress on Phenomenological Aspects in Civil Engineering, PACE 2023, Erzurum, Turkey, 20 - 23 June 2023
- III. **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, Morocco, 11 November 2022
- IV. **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, Turkey, 20 - 23 June 2021
- V. **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, Turkey, 20 June 2021
- VI. **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., WAFA L. F.
 IES'20 International Engineering Symposium, İzmir, Turkey, 5 - 13 December 2020, pp.209-214
- VII. **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, Turkey, 5 - 13 December 2020, pp.209-214
- VIII. **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, Turkey, 05 December 2020, pp.9-19
- IX. **Updating the FE Model of the Traditional Hımiş Mansion Using Experimental Modal Analysis Measurement Results**
 Altunışık A. C., Meral M., Kalkan Okur E., Genç A. F., Günaydin M., Okur F. Y., Karahasan O. Ş., Yılmaz Z.

- International IDU Engineering Symposium – IES'20 , Trabzon, Turkey, 5 - 13 December 2020, vol.1, no.1, pp.1-10
- X. **Connection Type Effect on Dynamic Characteristics of Fire Exposed Steel Frames**
Altunişik A. C., Akbulut Y. E., Başağa H. B., Mostofi S., Mosallam A., Wafa L.
International Engineering Symposium (IES'20), İzmir, Turkey, 5 - 13 December 2020, pp.180-184
- XI. **Domestic Software Developed for Updating of Finite Element Models and Experimental Modal Analysis of Structures**
Altunişik A. C., Okur F. Y.
International IDU Engineering Symposium – IES'20 , İzmir, Turkey, 5 - 13 December 2020, vol.1, no.1, pp.1-10
- XII. **Experimental Modal Analysis Measurements 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.
International IDU Engineering Symposium – IES'20 , Trabzon, Turkey, 5 - 13 December 2020, vol.1, no.1, pp.1-10
- XIII. **Seismic Evaluation of a Historical Masonry Church**
Altunişik A. C., Genç A. F., Günaydin M., Okur F. Y.
International IDU Engineering Symposium – IES'20 , İzmir, Turkey, 5 - 13 December 2020, vol.1, no.1, pp.1-10
- XIV. **Structural Performance Assessment of Single-Story RC Precast Structures Subjected to Pulse-Type Ground Motions**
Altunişik A. C., Sunca F.
International IDU Engineering Symposium – IES'20 , İzmir, Turkey, 5 - 13 December 2020, vol.1, no.1, pp.1-10
- XV. **Değişerek Yayılan Yer Hareketi Etkisi Altındaki Karayolu Köprülerinin Dinamik Davranışı**
HACİEFENDİOĞLU K., ALTUNIŞIK A. C., Soyluk K.
4. Köprüler ve Viyadükler Sempozyumu, Ankara, Turkey, 1 - 02 November 2019, pp.33
- XVI. **DETERMINATION OF REBAR EFFECT ON MODAL BEHAVIOR OF REINFORCED CONCRETE BRIDGES**
DOĞAN U. U., ALTUNIŞIK A. C., ERGÜN M.
International Civil Engineering and Architecture Conference 2019, 17 - 20 April 2019
- XVII. **NUMERICAL INVESTIGATION OF DOWEL AND CRAMP REINFORCEMENT ON MASONRY WALLS**
GENÇ A. F., ALTUNIŞIK A. C., Sarı M.
International Civil Engineering and Architecture Conference 2019, 17 - 20 April 2019
- XVIII. **POUNDING EFFECTS ON TORSION RESPONSE OF ADJACENT BUILDINGS SUBJECTED TO NEAR-FAULT GROUND MOTIONS**
SUNCA F., TÜRKAY A., ALTUNIŞIK A. C.
International Civil Engineering and Architecture Conference 2019, 17 - 20 April 2019
- XIX. **THE EFFECT OF OPENING NUMBERS AND SIZES ON THE SEISMIC BEHAVIOR OF CONCRETE CHIMNEYS**
Sarı M., ALTUNIŞIK A. C., GÜNEYDİN M.
International Civil Engineering and Architecture Conference 2019, 17 - 20 April 2019
- XX. **STRUCTURAL BEHAVIOR OF REINFORCED CONCRETE BUILDINGS UNDER EXPLOSION EFFECTS**
Önalan F., ALTUNIŞIK A. C.
International Civil Engineering and Architecture Conference 2019, 17 - 20 April 2019
- XXI. **Investigation of Dynamic Characteristic Changes of Reinforced Concrete Columns under the Elevated Temperature Effect by Numerical Methods**
Akbulut Y. E., Altunişik A. C., Başağa H. B.
International Civil Engineering & Architecture Conference (ICEARC'19), Trabzon, Turkey, 17 - 20 April 2019, pp.1252-1261
- XXII. **Fe Model Updating Effect On The Nonlinear Dynamic Response Of RC Building Frame Model**
ALTUNIŞIK A. C., KARAHASAN O. Ş.
International Civil Engineering and Architecture Conference 2019, Trabzon, Turkey, 17 - 20 April 2019, vol.-
- XXIII. **Localisation of open transverse cracks in laminated composite beams based on modal data**
KAHYA V., karaca S., ALTUNIŞIK A. C., OKUR F. Y., ASLAN M.
International Congress on engineering and Architecture, Antalya, Turkey, 14 - 16 November 2018
- XXIV. **Localization of Open Transverse Cracks in Laminated Composite Beams Based on Modal Data**

- KAHYA V., ŞİMŞEK S., ALTUNIŞIK A. C., OKUR F. Y., ASLAN M.
International Congress on Engineering and Architecture, Alanya, Turkey, 14 - 16 November 2018
- XXV. **Structural Health Monitoring of Laboratory Arch Dam Model**
ALTUNIŞIK A. C., SEVİM B., GÜNEYDIN M., ADANUR S., KALKAN E.
INTERNATIONAL SYMPOSIUM on DAM SAFETY AND EXHIBITION, 27 - 31 October 2018
- XXVI. **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 October 2018
- XXVII. **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 October 2018
- XXVIII. **Vibration Characteristics of Historical Masonry Museum**
GENÇ A. F., OKUR F. Y., GÜNEYDIN M., ALTUNIŞIK A. C.
INTERNATIONAL CONFERENCE ON INNOVATIVE ENGINEERING APPLICATIONS, 20 - 22 September 2018
- XXIX. **Experimental Modal Testing of a Historical Clock Tower**
OKUR F. Y., GENÇ A. F., GÜNEYDIN M., ALTUNIŞIK A. C.
INTERNATIONAL CONFERENCE ON INNOVATIVE ENGINEERING APPLICATIONS, 20 - 22 September 2018
- XXX. **Natural Frequency Analysis of Laminated Composite Beams with Multiple Open Transverse Cracks**
KAHYA V., ŞİMŞEK S., OKUR F. Y., ALTUNIŞIK A. C., ASLAN M.
International Conference on Innovative Engineering Applications, Sivas, Turkey, 20 - 22 September 2018, pp.327-334
- XXXI. **Span-Skewed Effect on the Response of the I- Girder Prestressed Concrete Bridges**
ghzayel o., karimi m. t., ADANUR S., ALTUNIŞIK A. C.
13th International Congress on Advances in Civil Engineering, 12 - 14 September 2018
- XXXII. **Characterization Of Glass Fiber Reinforced Polyester Composites Produced By Pultrusion Process**
ASLAN M., Ezzatkhan A., KAHYA V., ALTUNIŞIK A. C., Kayhan M.
International Technological Sciences and Design Symposium, Giresun, Turkey, 27 - 29 June 2018, pp.460
- XXXIII. **Performance of Masonry Buildings during the February, 2017 Ayvacık (Çanakkale) Earthquakes**
ADANUR S., ALTUNIŞIK A. C., GÜNEYDIN M., mosallam a.
2nd International Symposium on Natural Hazards and Disaster Management, 4 - 06 May 2018
- XXXIV. **Performance of Masonry Buildings During the February, 2017 Ayvacık (Çanakkale)**
ADANUR S., ALTUNIŞIK A. C., GÜNEYDIN M., MOSALLAM A.
2nd INTERNATIONAL SYMPOSIUM ON NATURAL HAZARDS AND DISASTER MANAGEMENT, 4 - 06 May 2018
- XXXV. **Ambient Vibration Testing Of A Historical Masonry Minaret**
ALTUNIŞIK A. C., GÜNEYDIN M., GENÇ A. F., Okur F. Y.
3. International Conference on Civil and Environmental Engineering, 24 - 27 April 2018
- XXXVI. **Dynamic Analysis of Osman Gazi Suspension Bridge**
ADANUR S., ALKASMOU H., GÜNEYDIN M., ALTUNIŞIK A. C.
3. International Conference on Civil and Environmental Engineering, 24 - 27 April 2018
- XXXVII. **Finite Element Model Updating of Historical Masonry Structures**
ALTUNIŞIK A. C., Okur F. Y., GENÇ A. F., GÜNEYDIN M., ADANUR S.
2nd International Conference on Advanced Engineering Technologies, 21 September - 23 October 2017
- XXXVIII. **Finite Element Model Updating Procedure of a RC Frame Model using Ambient Vibration Testing**
GÜNEYDIN M., ADANUR S., ALTUNIŞIK A. C.
2nd International Conference on Advanced Engineering Technologies, 21 September - 23 October 2017
- XXXIX. **Damage Effect on the Dynamic Characteristics of Buildings**
ALTUNIŞIK A. C., Karahan O. Ş., GENÇ A. F., Okur F. Y., GÜNEYDIN M., ADANUR S.
2nd International Conference on Advanced Engineering Technologies, 21 September - 23 October 2017
- XL. **Development of Engineering Software to Determine the Structural Behavior of Arch Dams**

- ALTUNIŞIK A. C., kalkan e., BAŞAĞA H. B.
8th International Advanced Technologies Symposium, 19 - 22 October 2017
- XLI. **Damage detection of a multiple cracked cantilever beam**
ALTUNIŞIK A. C., OKUR F. Y., KAHYA V., KARACA S.
8th International Advanced Technologies Symposium, Elazığ, Turkey, 19 - 22 October 2017, pp.75-82
- XLII. **Experimental study on control performance of tuned liquid column dampers considering different excitation directions**
ALTUNIŞIK A. C., Yetişken A., KAHYA V.
8th International Advanced Technologies Symposium, Elazığ, Turkey, 19 - 22 October 2017, pp.83-94
- XLIII. **Zonguldak Ereğli İzmirlioğlu Huzurevi Performans Analizi Ve Güçlendirme Çalışmaları**
KARTAL M. E., COŞKAN S., ALTUNIŞIK A. C., ÇAPAR Ö. F., KARABULUT M.
4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, 11 - 13 October 2017, pp.1-8
- XLIV. **Evaluation of Dynamic Response of Reinforced Concrete Buildings by Operational Modal Analysis Method**
ALTUNIŞIK A. C., Karahasan O. Ş., Okur F. Y., GENÇ A. F., GÜNEYDIN M., ADANUR S.
4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, 11 - 13 October 2017
- XLV. **Finite Element Model Updating Effect on Earthquake Behaviour of Masonry Structures**
ALTUNIŞIK A. C., GENÇ A. F., GÜNEYDIN M., Okur F. Y., ADANUR S.
4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, 11 - 13 October 2017
- XLVI. **Tarihi Yığma Yapılarında Sonlu Eleman Model İyileştirmesi**
ALTUNIŞIK A. C., OKUR F. Y., GENÇ A. F., GÜNEYDIN M., ADANUR S.
Second International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 21 - 23 September 2017, pp.69
- XLVII. **Titreşim kontrolünde sıvı sütunlu sönmüleyicilerin deneysel değerlendirilmesi**
ALTUNIŞIK A. C., YETİŞKEN A., KAHYA V.
II. International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 21 - 23 September 2017, pp.1619
- XLVIII. **Ambient Vibration Tests of Historical Masonry Buildings for Structural Condition Assessment**
ALTUNIŞIK A. C., GENÇ A. F., GÜNEYDIN M., Okur F. Y., Karahasan O. Ş., ADANUR S.
2nd International Conference on Civil and Environmental Engineering (ICOCEE-Cappadocia), 8 - 10 May 2017
- XLIX. **Analytical, numerical and experimental investigation of a box-sectional cantilever beam with multiple cracks**
ALTUNIŞIK A. C., Okur F. Y., KAHYA V.
ICOCEE - Cappadocia 2017, 8 - 10 May 2017
- L. **Analytical, numerical and experimental investigation of a box-sectional cantilever beam with multiple cracks**
ALTUNIŞIK A. C., OKUR F. Y., KAHYA V.
2nd International Conference on Civil and Environmental Engineering, Nevşehir, Turkey, 8 - 10 May 2017, pp.2131-2140
- LI. **Effects of Strand Configuration on Pretensioned I Girder**
ATMACA B., ATEŞ Ş., GÜNEYDIN M., ALTUNIŞIK A. C.
3rd INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING, Antalya, Turkey, 19 - 24 October 2016
- LII. **Effects of Strand Configuration on Pretensioned I Girder After Detensioning**
ATMACA B., ATEŞ Ş., GÜNEYDIN M., ALTUNIŞIK A. C.
3rd International Conference on Computational and Experimental Science, 19 - 24 October 2016
- LIII. **Farklı Zemin Sınıflarının Tip 1 Kemer Barajının Deprem Davranışına Etkisi**
SEVİM B., ALTUNIŞIK A. C., GÜNEYDIN M., ADANUR S., AKKÖSE M., BAYRAKTAR A.
Zemin Mekaniği ve Geoteknik Mühendisliği 16. Ulusal Kongresi, Turkey, 13 - 14 October 2016
- LIV. **CONDITION ASSESSMENT OF STEEL ARCH BRIDGES BASED ON AMBIENT VIBRATION TESTING**
Bayraktar A., ALTUNIŞIK A. C., TÜRKER T.

- 8th International Conference on Arch Bridges, Wrocklaw, Poland, 5 - 07 October 2016, pp.1059-1068
- LV. **Near Fault Ground Motion Pulse Effect on the Dynamic Behavior of Concrete Gravity Dam Reservoir Foundation Systems using Different Water Modelling Approaches**
ALTUNIŞIK A. C., SESLİ H., HÜSEM M., AKKÖSE M.
12th International Congress on Advances in Civil Engineering, İstanbul, Turkey, 21 - 23 September 2016, pp.54
- LVI. **Ambient Vibration Tests of an Arch Dam Model under Damaged and Strengthened Conditions**
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 September 2016
- LVII. **Near-Fault Ground Motion Pulse Effect on the Dynamic Behavior of Concrete Gravity Dam-Reservoir-Foundation Systems using Different Water Modelling Approaches**
ALTUNIŞIK A. C., SESLİ H., HÜSEM M., AKKÖSE M.
12th International Congress on Advances in Civil Engineering, İstanbul, Turkey, 21 - 23 September 2016, pp.54-64
- LVIII. **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, Turkey, 21 - 23 September 2016, vol.1, no.1, pp.1-8
- LIX. **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., HÜSEM M., AKKÖSE M.
12th International Congress on Advances in Civil Engineering (ACE2016), İstanbul, Turkey, 21 - 23 September 2016, pp.1-11
- LX. **Finite Element Model Updating Limits for Structural Identification**
GÜNAYDIN M., ADANUR S., ALTUNIŞIK A. C., BAYRAKTAR A., SEVİM B.
12th International Congress on Advances in Civil Engineering (ACE2016), 21 - 23 September 2016
- LXI. **Restoration Effect on the Structural Behaviour of Historical Masonry Arch Bridges**
ALTUNIŞIK A. C., BAYRAKTAR A., GENÇ A. F.
Istanbul Bridge Conference 2016, İstanbul, Turkey, 8 - 10 August 2016, pp.47-57
- LXII. **Safety Assessment of Stone Arch Bridges using Micro and Macro Modeling Techniques Including Soil Interaction Effect**
Bayraktar A., Genç A. F., Akbulut Y. E., Altunışık A. C.
Istanbul Bridge Conference 2016, İstanbul, Turkey, 8 - 10 August 2016, pp.36-46
- LXIII. **Stationary and Transient Responses of Suspension Bridges to Spatially Varying Ground Motions**
ADANUR S., ALTUNIŞIK A. C., SOYLUK K., BAYRAKTAR A., DUMANOĞLU A. A.
Istanbul Bridge Conference 2016, İstanbul, Turkey, 8 - 10 August 2016, pp.17-27
- LXIV. **Time Dependent Structural Identification of Long Span Highway Bridges**
ALTUNIŞIK A. C., BAYRAKTAR A., SEVİM B.
Istanbul Bridge Conference 2016, İstanbul, Turkey, 8 - 10 August 2016, pp.52-62
- LXV. **Hasarsız Deneysel Yöntemlerle Borçka Çelik Kemer Köprüsünün Restorasyon Öncesi Durum Tespiti**
BAYRAKTAR A., ALTUNIŞIK A. C., TÜRKER T.
6. Çelik Yapılar Sempozyumu, Eskişehir, Turkey, 15 - 17 October 2015, vol.1, no.1, pp.1-10
- LXVI. **Hasarlı Tarihi Köprülerin Yapısal Davranışlarına Restorasyon Çalışmalarının Etkisi**
ALTUNIŞIK A. C., BAYRAKTAR A., GENÇ A. F.
3. Köprüler ve Viyadükler Sempozyumu, Bursa, Turkey, 8 - 10 May 2015, vol.1, pp.265-278
- LXVII. **Hibrit ve Çelik Kablolu Köprülerin Dinamik Davranışlarının Karşılaştırılması**
GÜNAYDIN M., ADANUR S., ALTUNIŞIK A. C., AKKÖSE M.
3. Köprüler Viyadükler Sempozyumu, Turkey, 8 - 10 May 2015, no.1
- LXVIII. **Lif Takviyeli Kompozit Asma Yaya Köprüsünün Yapısal Davranışının İncelenmesi Halgavor Asma Yaya Köprüsü**
GÜNAYDIN M., ADANUR S., ALTUNIŞIK A. C., SEVİM B.
3. Köprüler Viyadükler Sempozyumu, Turkey, 8 - 10 May 2015, no.1

- LXIX. **Yapı Sağlığı İzleme Sistemlerinin Farklı Taşıyıcı Sistemli Uzun Açıklıklı Tarihi Köprülere Uygulanması**
BAYRAKTAR A., TÜRKER T., ALTUNIŞIK A. C.
3. Köprüler ve Viyadükler Sempozyumu, Bursa, Turkey, 8 - 10 May 2015, vol.1, no.1, pp.1-10
- LXX. **asarlı Tarihi Köprülerin Yapısal Davranışlarına Restorasyon Çalışmalarının Etkisi**
ALTUNIŞIK A. C., BAYRAKTAR A., GENÇ A. F.
3. Köprüler ve Viyadükler Sempozyumu, Bursa, Turkey, 8 - 10 May 2015, vol.1, no.1, pp.1-10
- LXXI. **Köprülerde Kullanılan Kauçuk Mesnetlerin Hesap ve Tasarım Yazılımı**
ATMACA B., ATEŞ Ş., ALTUNIŞIK A. C.
3. Köprüler ve Viyadükler Sempozyumu, Bursa, Turkey, 8 - 10 May 2015, vol.1, no.1, pp.1-10
- LXXII. **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, Turkey, 9 - 11 October 2014, pp.1-10
- LXXIII. **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, Turkey, 25 - 27 September 2013, pp.1-10
- LXXIV. **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 August 2013
- LXXV. **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 May 2013
- LXXVI. **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, Turkey, 22 - 24 November 2012
- LXXVII. **Lifli Polimer Kompozit Malzeme Kullanılarak İnsa Edilmiş Asma Yaya Köprüsünün Dinamik Analizi**
GÜNAYDIN M., ADANUR S., ALTUNIŞIK A. C., SEVİM B.
İnşaat Mühendisliği’nde 100. Yıl Teknik Kongresi, Turkey, 22 - 24 November 2012
- LXXVIII. **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, Azerbaijan, 24 - 27 September 2012, pp.1-10
- LXXIX. **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, Turkey, 11 - 14 October 2011, pp.1-10
- LXXX. **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, Turkey, 11 - 14 October 2011, pp.1-10
- LXXXI. **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, Turkey, 28 - 30 September 2011
- LXXXII. **Kablolu Köprülerin Yapım Aşamasına Göre Analizi**
ATMACA B., ATEŞ Ş., ALTUNIŞIK A. C.
2. Köprüler ve Viyadükler Sempozyumu, Eskişehir, Turkey, 28 - 30 September 2011, pp.73
- LXXXIII. **YAKIN VE UZAK FAY YER HAREKETİ ETKİSİİNDEKİ ASMA KÖPRÜLERİN YAPISAL DAVRANIŞLARININ BELİRLENMESİ**
ADANUR S., ALTUNIŞIK A. C., BAYRAKTAR A., Sevim B., AKKÖSE M.
XVII. Ulusal Mekanik Kongresi, Elazığ, Turkey, 5 - 09 September 2011, vol.1, no.1, pp.24-32
- LXXXIV. **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, Turkey, 27 - 30 September 2010, vol.1, pp.286
- LXXXV. **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, Egypt, 28 - 30 June 2010, vol.1, pp.1019-1028
- LXXXVI. **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, Egypt, 28 - 30 June 2010, vol.1, pp.581-588
- LXXXVII. **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, Turkey, 15 - 17 October 2009, pp.367-378
- LXXXVIII. **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, Turkey, 15 - 17 October 2009, pp.189-198
- LXXXIX. **Kemer Taşıyıcı Sistemli Çelik Bir Köprünün Laboratuar Modelinin Oluşturulması**
ALTUNIŞIK A. C., Sevim B., ADANUR S.
3. Ulusal Çelik Yapılar Sempozyumu, Gaziantep, Turkey, 8 - 10 October 2009, vol.1, pp.345-352
- XC. **Asma Köprülerin Lineer Olmayan Davranışına Aşkı Şekillerinin Etkisi**
ADANUR S., BAYRAKTAR A., ALTUNIŞIK A. C., Sevim B.
3. Ulusal Çelik Yapılar Sempozyumu, Gaziantep, Turkey, 8 - 10 October 2009, vol.1, pp.335-343
- XCI. **Yapım Aşamaları Dikkate Alınarak Köprülerin Davranışlarının Belirlenmesi**
ALTUNIŞIK A. C., BAYRAKTAR A., Sevim B., Domanic A., ADANUR S.
Uluslararası Sakarya Deprem Sempozyumu 2009, Sakarya, Turkey, 1 - 03 October 2009, vol.1, pp.209-219
- XCII. **Betonarme Binalarda İnşa Aşamalarının Dinamik Karakteristiklere Etkisinin Operasyonal Modal Analiz Yöntemiyle Belirlenmesi**
BAYRAKTAR A., TÜRKER T., Sahin A., ALTUNIŞIK A. C., Sevim B.
Sakarya Uluslararası Deprem Sempozyumu, Sakarya, Turkey, 1 - 02 October 2009, pp.29-39
- XCIII. **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, Turkey, 1 - 02 October 2009, pp.609-616
- XCIV. **Kömürhan Köprüsünün Deprem Davranışına Sonlu Eleman Model İyileştirilmesinin Etkisi**
BAYRAKTAR A., ALTUNIŞIK A. C., Sevim B., TÜRKER T.
Sakarya Uluslararası Deprem Sempozyumu, Sakarya, Turkey, 1 - 02 October 2009, pp.119-129
- XCV. **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, Turkey, 17 - 19 August 2009, pp.256-269
- XCVI. **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, Cyprus (Kktc), 15 - 17 September 2008, pp.557-565
- XCVII. **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, United States Of America, 27 - 29 August 2008, pp.849-858
- XCVIII. **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, United States Of America, 27 - 29 August 2008, pp.87-94
- XCIX. Karayolu Köprülerinin Sonlu Eleman Modellerinin Operasyonal Modal Analiz Yöntemiyle İyileştirilmesi**
BAYRAKTAR A., ALTUNIŞIK A. C., TÜRKER T., Sevim B., ATEŞ Ş.
1. Köprü ve Viyadükler Sempozyumu, Ankara, Turkey, 29 - 30 November 2007, pp.355-364
- C. Determination of Model Updating Effects on Earthquake Behaviour of Masonry Building**
BAYRAKTAR A., TÜRKER T., ALTUNIŞIK A. C.
International Earthquake Symposium Kocaeli, 22 - 24 October 2007, vol.381
- CI. 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, Turkey, 24 - 26 October 2007, pp.393-405
- CII. 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, Turkey, 24 - 26 October 2007, pp.185-194
- CIII. 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, Turkey, 22 - 24 October 2007, pp.381-392
- CIV. 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, Turkey, 22 - 24 October 2007, pp.163-172
- CV. 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, Turkey, 22 - 24 October 2007, pp.368-380
- CVI. 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, China, 17 - 19 October 2007, pp.131-138
- CVII. Tarihi Köprülerin Deprem Davranışına Sonlu Eleman Model İyileştirilmesinin Etkisi**
BAYRAKTAR A., ALTUNIŞIK A. C., TÜRKER T., Sevim B.
Altıncı Ulusal Deprem Mühendisliği Konferansı, İstanbul, Turkey, 16 - 20 October 2007, pp.29-39
- CVIII. Tarihi Yığma Minarelerin Deprem Güvenliklerinin Operasyonal Modal Analiz Yöntemiyle Belirlenmesi**
BAYRAKTAR A., Sevim B., ALTUNIŞIK A. C., TÜRKER T.
Tarihi Eserlerin Güçlendirilmesi ve Geleceğe Güvenle Devredilmesi Sempozyumu 1, Ankara, Turkey, 27 - 29 September 2007, pp.415-428
- CIX. Tarihi Yığma Köprülerin Sonlu Eleman Modellerinin Operasyonal Modal Analiz Yöntemiyle İyileştirilmesi**
BAYRAKTAR A., ALTUNIŞIK A. C., TÜRKER T., Sevim B.
Tarihi Eserlerin Güçlendirilmesi ve Geleceğe Güvenle Devredilmesi Sempozyumu 1, Ankara, Turkey, 27 - 29 September 2007, pp.429-440
- CX. Toprak dolgu barajların baraj rezervuar temel etkileşimi dikkate alınarak lineer olmayan deprem davranışlarının incelenmesi**
BAYRAKTAR A., ALTUNIŞIK A. C., ATEŞ Ş., HACİEFENDİOĞLU K.
1. Ulusal Baraj Güvenliği Sempozyumu, Turkey, 28 - 30 May 2007, pp.351-362

- CXI. **Rezervuarların kaya dolgu barajların lineer olmayan deprem davranışına etkisi**
 BAYRAKTAR A., ALTUNIŞIK A. C., ATEŞ Ş., HACIEFENDİOĞLU K.
 1. Ulusal Baraj Güvenliği Sempozyumu, Turkey, 28 - 30 May 2007, pp.319-328
- CXII. **Düzlem Kafes Taşıyıcı Sistemlerin Operasyonal Modal Analizi**
 BAYRAKTAR A., TÜRKER T., ALTUNIŞIK A. C., Sevim B.
 2. Çelik Yapılar Ulusal Sempozyumu, Eskişehir, Turkey, 10 - 11 May 2007, pp.273-281
- CXIII. **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, Turkey, 11 - 13 October 2006, vol.1, pp.208

Supported Projects

ALTUNIŞIK A. C., TUBITAK Project, Betonarme ve Çelik Taşıyıcı Sistem Elemanlarının Yüksek Sıcaklık Etkisi Altındaki Dinamik Karakteristik Değişimlerinin Analitik ve Deneysel Yöntemlerle İncelenmesi, 2017 - Continues

ATEŞ Ş., ERGÜN M., ALTUNIŞIK A. C., ÇINAR H., Project Supported by Higher Education Institutions, Epoksi Esash 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., GÜNAÝDİN M., et al, Project Supported by Higher Education Institutions, 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., Project Supported by Higher Education Institutions, 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, Project Supported by Higher Education Institutions, 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., Project Supported by Higher Education Institutions, Mühendislik Yapılarının Yüksek Sıcaklık Etkisi Altındaki Dinamik Karakteristik Değişimlerinin Deneysel Modal Analiz Yöntemiyle İncelenmesi, 2018 - 2019

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

Demirkir C., Altunışık A. C., Çolak S., Çolakoğlu G., Aydin İ., Özşahin Ş., TUBITAK Project, Kontrplak Kaplı Ahsap Yapı Perde Duvarlarının Yapısal Davranışları Ve Sismik Dayanım Performanslarının Belirlenmesi, 2015 - 2018

Activities in Scientific Journals

Journal Of Bridge Engineering, Committee Member, 2013 - Continues

Scientific Refereeing

ENGINEERING STRUCTURES, SCI Journal, September 2020
 ADVANCES IN MECHANICAL ENGINEERING, SCI Journal, August 2020
 ACI STRUCTURAL JOURNAL, SCI Journal, August 2020
 ADVANCES IN CONCRETE CONSTRUCTION, SCI Journal, July 2020
 INTERNATIONAL JOURNAL OF STEEL STRUCTURES, SCI Journal, July 2020
 JOURNAL OF TESTING AND EVALUATION, SCI Journal, June 2020
 STRUCTURES, SCI Journal, June 2020
 NUCLEAR ENGINEERING AND DESIGN, SCI Journal, June 2020

INTERNATIONAL JOURNAL OF ACOUSTICS AND VIBRATION, SCI Journal, May 2020
INTERNATIONAL JOURNAL OF REMOTE SENSING, SCI Journal, May 2020
CONSTRUCTION AND BUILDING MATERIALS, SCI Journal, May 2020
STRUCTURAL ENGINEERING AND MECHANICS, SCI Journal, May 2020
SMART STRUCTURES AND SYSTEMS, SCI Journal, March 2020
APPLIED MATHEMATICAL MODELLING, SCI Journal, March 2020
NONLINEAR DYNAMICS, SCI Journal, March 2020
KSCE JOURNAL OF CIVIL ENGINEERING, SCI Journal, February 2020
STRUCTURAL DESIGN OF TALL AND SPECIAL BUILDINGS, SCI Journal, February 2020
JOURNAL OF BRIDGE ENGINEERING, SCI Journal, January 2020
BULLETIN OF EARTHQUAKE ENGINEERING, SCI Journal, January 2020
JOURNAL OF VIBRATION AND CONTROL, SCI Journal, January 2020
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, SCI Journal, January 2020
EARTHQUAKES AND STRUCTURES, SCI Journal, January 2020
INTERNATIONAL JOURNAL OF CIVIL ENGINEERING, SCI Journal, January 2020
EARTHQUAKE ENGINEERING AND ENGINEERING VIBRATION, National Scientific Refreed Journal, January 2020
NATURAL HAZARDS, SCI Journal, January 2020
COMPUTERS AND CONCRETE, SCI Journal, January 2020

Metrics

Publication: 349
Citation (WoS): 2179
Citation (Scopus): 2513
H-Index (WoS): 25
H-Index (Scopus): 28

Awards

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