

# Prof. ÖZGÜR ANIL

## Personal Information

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## International Researcher IDs

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ScopusID: 6508251680

Yoksis Researcher ID: 120769

## Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (Dr), Turkey 1998 - 2002

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (YI) (Tezli), Turkey 1996 - 1998

Undergraduate, Gazi University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 1992 - 1996

## Foreign Languages

English, B2 Upper Intermediate

## Research Areas

Civil Engineering

## Academic Titles / Tasks

Professor, Gazi University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2014 - Continues

Associate Professor, Gazi University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2008 - 2014

Assistant Professor, Gazi University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2004 - 2008

Lecturer, Gazi University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2002 - 2004

Research Assistant, Gazi University, Mühendislik Fakültesi, İnşaat Mühendisliği, 1997 - 2002

## Academic and Administrative Experience

Gazi University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2012 - 2016

Gazi University, Fen Bilimleri Enstitüsü, Kazaların Çevresel Ve Teknik Araştırması Anabilim Dalı (Disiplinlerarası), 2005 - 2010

## ADVISING THeses

- ANIL Ö., Investigation Of Behavior Of Two-Way Reinforced Concrete Slabs Having Different Opening Location And Size Strengthened With Textile Reinforced Mortar (Trm) Against Punching Load, Doctorate, Ö.MERCİMEK(Student), 2021
- ANIL Ö., Experimental Investigation Of Adhesive Surface Anchored Wooden-Wooden Connections, Postgraduate, A.ÖZDEN(Student), 2021
- ANIL Ö., Experimental Investigation Of The Stress Deformation Distribution Between The Angled Anchored Cfrp Strips And The Concrete Surface, Doctorate, R.GHORUBI(Student), 2020
- ANIL Ö., Experimental Investigation Of Lateral Torsional Buckling Of Cantilever Steel Ipe Beams And Analytical Calculation Using With Energy Approach, Postgraduate, A.Lokman(Student), 2019
- ANIL Ö., IPE çelik konsol kirişlerin yanal burulmalı burkulmasının deneysel olarak incelenmesi ve enerji yöntemleri ile analitik hesabı, Postgraduate, A.LOKMAN(Student), 2019
- ANIL Ö., Experimental Investigation Of Behavior Of Beam Laminated Beams On The Effect Of Shocking Loads, Postgraduate, H.UYAR(Student), 2019
- ANIL Ö., Lateral Torsional Buckling Of Cantilever Ipe And Upe Steel Beams With Nonlinear Finite Element Analysis, Postgraduate, E.Okay(Student), 2019
- ANIL Ö., Yüksek katlı inşaatlarda kullanılan kompozit ahşap kalıp kirişlerinin darbe davranışının deneysel olarak incelenmesi, Postgraduate, T.ÜNAL(Student), 2019
- ANIL Ö., The Impact Behaviour Of Timber Beams Used In High-Rise Building Construction Is Experimentally Determined, Postgraduate, T.Ünal(Student), 2019
- ANIL Ö., UPE ve IPE çelik konsol kirişlerin yanal burulmalı burkulmasının nonlinear sonlu elemanlar yöntemi ile analizi, Postgraduate, E.OKAY(Student), 2019
- ANIL Ö., Experimental Investigation Of Lateral Torsional Buckling Of Cantilever Steel Upe Beams, Postgraduate, H.ERDEM(Student), 2019
- ANIL Ö., CFRP fan tipi ankrajlı şeritlerin çarpışma yükü etkisindeki davranışının deneysel olarak incelenmesi, Postgraduate, A.KARAALP(Student), 2019
- ANIL Ö., Experimental Investigation Of The Behavior Of Cfrp Fan Type Ancaus Strips In The Effect Of Crime Load, Postgraduate, A.Karaalp(Student), 2019
- ANIL Ö., Nonlinear Fe Analysis Of Bond-Slip Behavior Of Concrete Strengthened With Anchored Cfrp Strip, Doctorate, S.Tariq(Student), 2018
- ANIL Ö., Nonlinear FE analysis of bond-slip behavior of concrete strengthened with anchored CRFP strip, Doctorate, S.TARIQ(Student), 2018
- ANIL Ö., Experimental Investigation Of Behaviour Of Double-Layer Precast Rc Shear Walls With Openings Under Hystretic Load, Postgraduate, Y.EMRE(Student), 2018
- ANIL Ö., Determining The Dynamic Behavior Of Masonry Structures By Using Operational Modal Analysis, Postgraduate, S.GÜNEŞ(Student), 2018
- ANIL Ö., Investigation Of Impact Behavior Of Reinforced Concrete Column Using With Non-Linear Finite Element Method, Postgraduate, W.BARMAKI(Student), 2018
- ANIL Ö., Dolgu duvarların hasır donatı eklenerek özel sıva ile güçlendirilmesi, Postgraduate, F.KAYA(Student), 2018
- ANIL Ö., Investigation Of Behavior Of Rc Column Strengthening With Cfrp Strips, Postgraduate, Ö.MERCİMEK(Student), 2017
- ANIL Ö., Investigation Of One Way Slabs With Openings Strengthened With Fiber Polymer Strips, Doctorate, N.KAYA(Student), 2017
- ANIL Ö., Experimental Investigation On Impact Behavior Of Cementitious Composite Concrete Beam, Postgraduate, M.ARİF(Student), 2016
- ANIL Ö., CFRP şeritlerle güçlendirilmiş boşluklu çift doğrultulu betonarme döşemelerin zımbalama davranışının deneysel olarak incelenmesi ve davranışın sonlu elemanlar yöntemiyle modellenmesi, Doctorate, C.DURUCAN(Student), 2015
- ANIL Ö., Experimental and finite element analyses punching shear Behavior of two way reinforced concrete slabs having Openings and retrofitted with cfrp sheets, Doctorate, C.Durucan(Student), 2015
- ANIL Ö., Nonlinear Finite Element Analysis Of Anchored Cfrp Strip Bonded To Concrete, Postgraduate, Ö.BAŞEĞMEZ(Student), 2015
- ANIL Ö., Experimental Investigation Of Reinforced Concrete Columns' Impact Behavior, Postgraduate, M.NİLAY(Student), 2015

ANIL Ö., Experimental And Analytical Investigation Of Stress Transfer Mechanisms Between Cfrp With Concrete Surfaces, Doctorate, Ç.MERTOĞLU(Student), 2015

ANIL Ö., Experimental study of shear stress distribution between the bonded surface of CFRP strap with aerated concrete and masonry, Postgraduate, S.DIN(Student), 2014

ANIL Ö., GÜLTOP T., Experimental and analytic investigation of the behaviour of reinforced concrete beams under impact loading, Doctorate, M.CEM(Student), 2014

ANIL Ö., Experimental investigation of impact behavior of shear deficient reinforced concrete beams strengthened with CFRP, Postgraduate, T.YILMAZ(Student), 2013

ANIL Ö., Effect of location on to punching behaviour of two way RC slab, Postgraduate, T.KINA(Student), 2013

ANIL Ö., Effect of varying opening size on the punching shear behavior of two-way rc slabs, Postgraduate, V.SALMANI(Student), 2013

ANIL Ö., AKBAŞ S. O., Investigation of stress distribution and settlement profiles of different shaped foundations with experimental and finite elements analysis method, Postgraduate, S.BABAGİRAY(Student), 2012

ANIL Ö., Strengthening of one way rc slab with opening using cfrp strips, Postgraduate, O.ARSLAN(Student), 2012

ANIL Ö., The impact behavior of steel and composite pipes and effects of protective structures, Postgraduate, O.GEZER(Student), 2012

ANIL Ö., Out of plane behavior of aerated concrete walls strengthened with cfrp strips, Postgraduate, M.Tatayoğlu(Student), 2011

ANIL Ö., CFRP şeritler ile güçlendirilen gaz beton dolgu duvarların düzlem dışı davranışı, Postgraduate, M.TATAYOĞLU(Student), 2011

ANIL Ö., Onlinear finite analysis of loading transfered from reinforced precast concrete columns to smooth interfaced socket bases, Postgraduate, B.UYAROĞLU(Student), 2011

ANIL Ö., CFRP ŞERİTLERLE GÜÇLENDİRİLEN TUĞLA DOLGU DUVARLARIN DÜZLEM DIŞI DAVRANIŞI, Postgraduate, M.DEMİRHAN(Student), 2010

ANIL Ö., CFRP şeritlerle güçlendirilen tuğla dolgu duvarların düzlem dışı davranışı, Postgraduate, M.DEMİRHAN(Student), 2010

ANIL Ö., CFRP İLE KESMEYE KARŞI GÜÇLENDİRİLMİŞ BETONARME KİRİŞLERİN SONLU ELEMENLAR YÖNTEMİYLE DOĞRUSAL OLMAYAN ANALİZİ, Postgraduate, N.BULUT(Student), 2009

Anil Ö., EXPERIMENTAL INVESTIGATION OF IMPACT BEHAVIOR OF REINFORCED CONCRETE BEAM STRENGTHENED WITH CFRP, Doctorate, E.KANTAR(Student), 2009

ANIL Ö., CFRP ile kesmeye karşı güçlendirilmiş betonarme kirişlerin sonlu elemanlar yöntemiyle doğrusal olmayan analizi, Postgraduate, N.BULUT(Student), 2009

ANIL Ö., CFRP ile güçlendirilmiş beton kirişlerin çarpma davranışının deneysel olarak incelenmesi, Doctorate, E.KANTAR(Student), 2009

ANIL Ö., NON LINEER FINITE ELEMENT ANALYSIS OF CONCRETE BEAMS STRENGTHENED WITH CARBON FIBER REINFORCED PLASTICS, Postgraduate, A.BARAN(Student), 2008

ANIL Ö., DETERMINATION THE EFFECT OF CONCRETE STRENGTH VARIATION ON THE IMPACT BEHAVIOUR BY USING EXPERIMENTAL AND FINITE ELEMENT METHOD, Postgraduate, M.SELVİ(Student), 2008

ANIL Ö., EXPERIMENTAL INVESTIGATION OF SHEAR STRESS DISTRIBUTION BETWEEN CONCRETE AND CFRP STRAPS, Postgraduate, Y.Fırat(Student), 2007

ANIL Ö., Beton ile CFRP şeritler arasındaki kayma gerilme dağılımının deneysel olarak incelenmesi, Postgraduate, Y.FIRAT(Student), 2007

ANIL Ö., STRENGTHENING OF RC T-BEAMS WITH LOW CONCRETE STRENGTH USING CFRP, Postgraduate, İ.MURAT(Student), 2007

ANIL Ö., Monotonik yükleme etkisi altında dikdörtgen kesitli betonarme kirişleri sonlu elemanlar yöntemi ile nonlineer analizi, Postgraduate, M.YAVUZER(Student), 2005

ANIL Ö., Betonarme krişlerde açılı CFRP şeritlerin kesmeye katkısı, Postgraduate, M.KELEŞ(Student), 2005

**Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **The effect of Kahramanmaraş earthquakes on historical Malatya Yeni Mosque**  
Kocaman İ., MERCİMEK Ö., Gürbüz M., Erbaş Y., ANIL Ö.  
Engineering Failure Analysis, vol.161, 2024 (SCI-Expanded)
- II. **Evaluation of punching strength of RC flat slabs with openings with different positions, size, and number: Experimental, analytical, and superposition approaches**  
MERCİMEK Ö., Erbaş Y., AKKAYA S. T., ANIL Ö., FENER M.  
Case Studies in Construction Materials, vol.20, 2024 (SCI-Expanded)
- III. **Experimental investigation of the effectiveness of strengthening methods in reinforced concrete flat slabs with multiple openings under punching load**  
MERCİMEK Ö., AKKAYA S. T., TÜNER A., Erbaş Y., BIÇAKÇIOĞLU K., ANIL Ö.  
Structures, vol.63, 2024 (SCI-Expanded)
- IV. **Experimental and numerical investigation of hysteretic earthquake behavior of masonry infilled RC frames with opening strengthened by adding rebar-reinforced stucco**  
Tekeli H., Yüksel C., ANIL Ö., Mutlu E. O.  
Bulletin of Earthquake Engineering, vol.22, no.6, pp.3169-3207, 2024 (SCI-Expanded)
- V. **Rocket blast resistance of the fully demountable high performance FRC tongue and groove blocks**  
Bozkurt H. B., Genç O. K., ANIL Ö., ŞAHMARAN M., Bayer İ. R.  
Structural Concrete, vol.25, no.2, pp.826-849, 2024 (SCI-Expanded)
- VI. **Investigation of damaged formwork timber beam retrofitting with anchored CFRP strip under different loading**  
TÜNER A., ANIL Ö., Cevik A., Tugrul Erdem R.  
Steel and Composite Structures, vol.50, no.6, pp.689-703, 2024 (SCI-Expanded)
- VII. **Type and Layout Arrangement of Geosynthetics for Enhancing Energy Dissipation on Buried Pipes Under Impact Loads**  
Babagiray G., AKBAŞ S. O., Anil O.  
INTERNATIONAL JOURNAL OF CIVIL ENGINEERING, vol.22, no.2, pp.317-331, 2024 (SCI-Expanded)
- VIII. **Retrofitting of squat RC column by using TRM strip under axial load**  
MERCİMEK Ö., ÇELİK A., Ghoroubi R., ANIL Ö.  
Structures, vol.60, 2024 (SCI-Expanded)
- IX. **Investigation of low-velocity impact behavior of two-way RC slab strengthening with basalt TRM strips**  
EROL H., ŞENGEL H. S., Yılmaz T., ANIL Ö., Ünal M. E.  
Archives of Civil and Mechanical Engineering, vol.24, no.1, 2024 (SCI-Expanded)
- X. **Experimental and numerical investigation of strengthening effect of shear studs in RC flat slabs with multiple openings**  
MERCİMEK Ö., Ghoroubi R., Erbaş Y., ANIL Ö., Özdemir A., TÜNER A., KOPRAMAN Y., Ozbakkaloglu T., AKKAYA S. T.  
Mechanics Based Design of Structures and Machines, 2024 (SCI-Expanded)
- XI. **Fundamental period estimation of RC buildings by considering structural and non-structural damage distributions through neural network**  
Cinar O. F., ALDEMİR A., Zervent A., Yucel O. B., ERBERİK M. A., ANIL Ö., ŞAHMARAN M., KOÇKAR M. K., ASKAN GÜNDOĞAN A.  
Neural Computing and Applications, vol.36, no.3, pp.1329-1350, 2024 (SCI-Expanded)
- XII. **Investigation of impact behavior of shear deficient RC beams using nonlinear FEA**  
Yılmaz T., Erdem R. T., Kishi N., ANIL Ö.  
MECHANICS BASED DESIGN OF STRUCTURES AND MACHINES, vol.52, no.2, pp.848-866, 2024 (SCI-Expanded)
- XIII. **Bond-slip model between anchored CFRP strip and concrete by using ANN**  
ANIL Ö., Çevik A.  
Structural Concrete, vol.24, no.4, pp.4841-4868, 2023 (SCI-Expanded)
- XIV. **Experimental behavior of masonry infilled RC frames with openings strengthened by using CFRP strip**  
Tekeli Kabaş H., Ebrahim Kusain F., ANIL Ö.

- Composite Structures, vol.312, 2023 (SCI-Expanded)
- XV. **Investigation of impact behavior of glulam beam strengthened with CFRP**  
Karagöz İşleyen Ü., Ghoroubi R., MERCİMEK Ö., ANIL Ö., Tuğrul Erdem R.  
Structures, vol.51, pp.196-214, 2023 (SCI-Expanded)
- XVI. **Experimental and numerical investigation of punching behavior of two-way RC slab with different opening locations and sizes strengthened with CFRP strip**  
TÜRER A., MERCİMEK Ö., ANIL Ö., Erbaş Y.  
Structures, vol.49, pp.918-942, 2023 (SCI-Expanded)
- XVII. **Prediction of capacity of reinforced concrete shear wall with multiple openings by using nonlinear finite element analysis**  
Erbaş Y., ANIL Ö., ÖZDEMİR A., KOPRAMAN Y.  
STRUCTURAL CONCRETE, vol.24, no.1, pp.680-702, 2023 (SCI-Expanded)
- XVIII. **Impact behavior of low strength concrete slab strengthened with fan type anchored carbon fiber-reinforced polymer strips**  
Çalışkan Ö., Aras M., Yılmaz T., ANIL Ö., Erdem R. T.  
Structural Concrete, vol.24, no.1, pp.1689-1711, 2023 (SCI-Expanded)
- XIX. **Full-Scale Field Impact Load Experiments on Buried Pipes in Geosynthetic-Reinforced Soils**  
BABAGIRAY G., Oguzhan Akbas S. O., ANIL Ö.  
TRANSPORTATION GEOTECHNICS, vol.38, 2023 (SCI-Expanded)
- XX. **Experimental investigation of impact behaviour of shear deficient RC beam to column connection**  
Aras M., Yılmaz T., Çalışkan Ö., Anil Ö., Erdem R. T., Kaya T.  
Structural Engineering and Mechanics, vol.84, no.5, pp.619-632, 2022 (SCI-Expanded)
- XXI. **Comparison of strengthening methods to improve punching behavior of two-way RC flat slabs**  
Mercimek Ö., Ghoroubi R., Erbaş Y., Anil Ö.  
Structures, vol.46, pp.1495-1516, 2022 (SCI-Expanded)
- XXII. **Low-velocity impact behavior of two-way RC slab strengthening with carbon TRM strips**  
Selim Şengel H., Erol H., YILMAZ T., ANIL Ö., Can Gürdal H., Muhammed Uludoğan A.  
Structures, vol.44, pp.1695-1714, 2022 (SCI-Expanded)
- XXIII. **Experimental investigation of hysteretic behaviour of non-structural dry gypsum infill walls**  
Çakmak C., Koprman Y., Özdemir A., Anil Ö., Gökdemir A.  
Proceedings of the Institution of Civil Engineers: Structures and Buildings, vol.175, no.10, pp.765-780, 2022 (SCI-Expanded)
- XXIV. **Experimental investigation of bond-slip behavior of between-anchored steel strips to concrete surface**  
KOPRAMAN Y., Ozdemir A., ANIL Ö., Sakin S., Armakan F.  
ARCHIVES OF CIVIL AND MECHANICAL ENGINEERING, vol.22, no.4, 2022 (SCI-Expanded)
- XXV. **Experimental, analytical, and numerical investigation of punching behaviour of two-way rc slab with multiple openings**  
AKKAYA S., MERCİMEK Ö., Ghoroubi R., ANIL Ö., Erbaş Y., Yılmaz T.  
Structures, vol.43, pp.574-593, 2022 (SCI-Expanded)
- XXVI. **Punching behaviour of two-way RC slabs having different multiple opening locations and sizes strengthened with TRM**  
MERCİMEK Ö., Ghoroubi R., ÖZDEMİR A., Anil Ö., BARAN M.  
Structures, vol.42, pp.531-549, 2022 (SCI-Expanded)
- XXVII. **Investigation of the effects of impactor geometry on impact behavior of reinforced concrete slabs**  
ŞENGEL H. S., EROL H., Yılmaz T., Anil Ö.  
Engineering Structures, vol.263, 2022 (SCI-Expanded)
- XXVIII. **Behaviour of steel beams retrofitted with anchored carbon-fibre-reinforced polymer strips**  
MERCİMEK Ö., Ghoroubi R., Baran M., ANIL Ö.  
Proceedings of the Institution of Civil Engineers: Structures and Buildings, vol.175, pp.561-576, 2022 (SCI-Expanded)

- XXIX. **Novel bond-slip model between concrete and angular CFRP fan type anchored CFRP strip**  
Ghoroubi R., Mercimek O., Sakin S., ANIL Ö.  
EUROPEAN JOURNAL OF ENVIRONMENTAL AND CIVIL ENGINEERING, vol.26, no.11, pp.5404-5427, 2022 (SCI-Expanded)
- XXX. **A machine-learning-based constitutive bond-slip model for anchored CFRP strips externally bonded on concrete members**  
Kurtoglu A. E., ANIL Ö., ÇEVİK A.  
STRUCTURAL CONCRETE, vol.23, no.3, pp.1828-1844, 2022 (SCI-Expanded)
- XXXI. **Investigation of strengthened low slenderness RC column by using textile reinforced mortar strip under axial load**  
MERCİMEK Ö., Ghoroubi R., ÖZDEMİR A., ANIL Ö., Erbas Y.  
ENGINEERING STRUCTURES, vol.259, 2022 (SCI-Expanded)
- XXXII. **Proposed novel bond-slip model for geocell reinforcement under pull-out loading condition**  
IŞIK A., ANIL Ö., GÜRBÜZ A.  
GEOTECHNIQUE, vol.73, no.11, pp.961-973, 2022 (SCI-Expanded)
- XXXIII. **Experimental and numerical investigation of timber formwork beam under different loading type**  
Donmez T. U., TÜNER A., ANIL Ö., Erdem R. T.  
MECHANICS BASED DESIGN OF STRUCTURES AND MACHINES, vol.50, no.3, pp.1090-1110, 2022 (SCI-Expanded)
- XXXIV. **Mechanical Characteristics of Self-Healing, Deflection-Hardening, High-Performance Fiber-Reinforced Cementitious Composites Using Coarse Aggregates**  
Öksüzer N., ANIL Ö., YILDIRIM G., ALDEMİR A., Şahmaran M.  
ACI Materials Journal, vol.119, no.2, pp.155-170, 2022 (SCI-Expanded)
- XXXV. **Experimental and numerical investigation of impact behavior of RC slab with different opening size and layout**  
Yilmaz T., ANIL Ö., Erdem R. T.  
STRUCTURES, vol.35, pp.818-832, 2022 (SCI-Expanded)
- XXXVI. **Prediction of load capacity of one way reinforced concrete slabs with openings using nonlinear finite element analysis**  
KAYA N., ANIL Ö.  
Journal of Building Engineering, vol.44, 2021 (SCI-Expanded)
- XXXVII. **INVESTIGATION OF THE IMPACT BEHAVIOR WHEN USING SINGLE AND DOUBLE LAYERS OF GEOSYNTHETICS ON BURIED PIPE STRUCTURES**  
Babagiray G., Akbaş S. O., Anil Ö.  
ACTA GEOTECHNICA SLOVENICA, vol.2021, no.2, pp.83-104, 2021 (SCI-Expanded)
- XXXVIII. **Hysteretic behavior of retrofitted RC shear wall with different damage levels by using steel strips**  
Özdemir A., Koprman Y., Anil Ö.  
JOURNAL OF BUILDING ENGINEERING, vol.44, 2021 (SCI-Expanded)
- XXXIX. **Determination of Dynamic Behavior of Masonry Structure Using with Operational Modal Analysis Technique**  
Gunes S., ANIL Ö., Ghoroubi R., Mercimek O.  
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.46, no.11, pp.10473-10487, 2021 (SCI-Expanded)
- XL. **Experimental investigation of bonding behavior of anchored timber-to-timber joint**  
Ghoroubi R., MERCİMEK Ö., Sakin S., ANIL Ö.  
ARCHIVES OF CIVIL AND MECHANICAL ENGINEERING, vol.22, no.1, 2021 (SCI-Expanded)
- XLI. **Hysteretic load behavior of pre-casted reinforced concrete shear wall systems with high thermal resistance capability**  
Kebeli Y. E., ÖZDEMİR A., ÇAKMAK C., KOPRAMAN Y., ANIL Ö., Tapan M.  
STRUCTURAL CONCRETE, vol.22, pp.3042-3056, 2021 (SCI-Expanded)
- XLII. **Investigation of mechanical properties of high-performance hybrid fiber concretes adding nanomaterials using with coarse aggregate**  
Oksüzer N., ANIL Ö., ALDEMİR A., ŞAHMARAN M.

- STRUCTURES, vol.33, pp.2893-2902, 2021 (SCI-Expanded)
- XLIII. **Experimental and numerical investigation of RC column strengthening with CFRP strips subjected to low-velocity impact load**  
MERCİMEK Ö., ANIL Ö., Ghoroubi R., Sakin S., Yilmaz T.  
STRUCTURAL ENGINEERING AND MECHANICS, vol.79, no.6, pp.749-765, 2021 (SCI-Expanded)
- XLIV. **Behavior of glulam timber beam strengthened with carbon fiber reinforced polymer strip for flexural loading**  
İsleyen u. K., Ghoroubi R., MERCİMEK Ö., ANIL Ö., Erdem R. T.  
JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, vol.40, pp.665-685, 2021 (SCI-Expanded)
- XLV. **Non-linear analysis of one-way concrete slabs with carbon-fibre-reinforced polymer strips**  
KAYA N., ANIL Ö.  
Proceedings of the Institution of Civil Engineers: Structures and Buildings, vol.176, no.8, pp.569-583, 2021 (SCI-Expanded)
- XLVI. **Investigation of impact behavior of reinforced concrete beam to column connection strengthened with carbon fiber-reinforced polymer strips**  
Kaya T., Aras M., YILMAZ T., ÇALIŞKAN DEĞİRMENCİ Ö., ANIL Ö., Erdem R. T.  
STRUCTURAL CONCRETE, vol.22, no.4, pp.1977-2010, 2021 (SCI-Expanded)
- XLVII. **Investigation of support type effect on plastic hinges in RC beam under impact load**  
YILMAZ M. C., MERCİMEK Ö., Ghoroubi R., Anil O., Gultop T.  
STRUCTURAL CONCRETE, vol.22, no.4, pp.2049-2069, 2021 (SCI-Expanded)
- XLVIII. **Effect of anchorage number and CFRP strips length on behavior of strengthened glulam timber beam for flexural loading**  
İşleyen Ü. K., Ghoroubi R., MERCİMEK Ö., ANIL Ö., TOĞAY A., Erdem R. T.  
Advances in Structural Engineering, vol.24, pp.1869-1882, 2021 (SCI-Expanded)
- XLIX. **A case study for probabilistic seismic risk assessment of earthquake-prone old urban centers**  
Altındal A., Karimzadeh S., ERBERİK M. A., ASKAN GÜNDOĞAN A., ANIL Ö., KOÇKAR M. K., ŞAHMARAN M.  
INTERNATIONAL JOURNAL OF DISASTER RISK REDUCTION, vol.61, 2021 (SCI-Expanded)
- L. **Analysis of RC structures with different design mistakes under explosive based demolition**  
Ozmen H., SOYLUK K., ANIL Ö.  
STRUCTURAL CONCRETE, vol.22, no.3, pp.1462-1486, 2021 (SCI-Expanded)
- LI. **Experimental investigation of damaged square short RC columns with low slenderness retrofitted by CFRP strips under axial load**  
Ghoroubi R., MERCİMEK Ö., ÖZDEMİR A., ANIL Ö.  
STRUCTURES, vol.28, pp.170-180, 2020 (SCI-Expanded)
- LII. **Nonlinear FEA of Two-Way RC Slabs' Punching Behavior with Openings**  
ANIL Ö., Ulusoy B.  
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, vol.44, no.4, pp.1109-1124, 2020 (SCI-Expanded)
- LIII. **Experimental and numerical investigation of impact behavior of reinforced concrete slab with different support conditions**  
Yilmaz T., KIRAÇ N., ANIL Ö., Erdem R. T., Hoskal V.  
STRUCTURAL CONCRETE, vol.21, no.6, pp.2689-2707, 2020 (SCI-Expanded)
- LIV. **Strength, ductility, and energy dissipation capacity of RC column strengthened with CFRP strip under axial load**  
Mercimek Ö., Ghoroubi R., Anil Ö., Cakmak C., Özdemir A., Koprman Y.  
MECHANICS BASED DESIGN OF STRUCTURES AND MACHINES, 2020 (SCI-Expanded)
- LV. **Investigation of bond-slip model of timber-to-timber bonded joint strengthened with different types of nets**  
Sakin S., ANIL Ö., UZEL M., TOĞAY A.  
MECHANICS BASED DESIGN OF STRUCTURES AND MACHINES, 2020 (SCI-Expanded)
- LVI. **Impact behaviour of nanomodified deflection-hardening fibre-reinforced concretes**

- DEMİRHAN S., Yildirim G., Banyhussan Q. S., Koca K., ANIL Ö., Erdem R. T., ŞAHMARAN M.  
MAGAZINE OF CONCRETE RESEARCH, vol.72, no.17, pp.865-887, 2020 (SCI-Expanded)
- LVII. **Experimental and numerical study of RC columns under lateral low-velocity impact load**  
ANIL Ö., Yilmaz M. C., Barmaki W.  
PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-STRUCTURES AND BUILDINGS, vol.173, no.8, pp.549-567, 2020 (SCI-Expanded)
- LVIII. **Performance of engineered cementitious composites under drop-weight impact: Effect of different mixture parameters**  
Yildirim G., Khiavi F. E., ANIL Ö., Sahin O., ŞAHMARAN M., Tugrul Erdem R.  
STRUCTURAL CONCRETE, vol.21, no.3, pp.1051-1070, 2020 (SCI-Expanded)
- LIX. **Experimental and numerical evaluation of inelastic lateral-torsional buckling of I-section cantilevers**  
Demirhan A. L., Eroglu H. E., Mutlu E. O., Yilmaz T., ANIL Ö.  
JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH, vol.168, 2020 (SCI-Expanded)
- LX. **Experimental and numerical investigation of usp for optimization of transition zone of railway**  
Cati Y., Gokceli S., ANIL Ö., Korkmaz C. S.  
ENGINEERING STRUCTURES, vol.209, 2020 (SCI-Expanded)
- LXI. **Assessment of soil-geocell interaction behavior by laboratory pullout tests**  
Isik A., GÜRBÜZ A., ANIL Ö.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.1, pp.27-38, 2020 (SCI-Expanded)
- LXII. **Experimental Investigation of Impact Behaviour of RC Slab with Different Reinforcement Ratios**  
Yilmaz T., KIRAÇ N., ANIL Ö., Erdem R. T., Kacaran G.  
KSCE JOURNAL OF CIVIL ENGINEERING, vol.24, no.1, pp.241-254, 2020 (SCI-Expanded)
- LXIII. **Nonlinear finite element model for interface between anchored carbon fiber reinforced polymer and concrete surface**  
Sakin S., ANIL Ö.  
STRUCTURAL CONCRETE, vol.20, no.6, pp.1986-1999, 2019 (SCI-Expanded)
- LXIV. **The effects on the flexural strength and impact behavior of nanographene ratio of the glass fiber nanocomposite plates**  
Khakzad F., TÜZEMEN M. Ç., SALAMCI E., Anil Ö.  
Polymer Engineering and Science, vol.59, no.10, pp.2082-2091, 2019 (SCI-Expanded)
- LXV. **Experimental investigation of axially loaded reinforced concrete square column subjected to lateral low-velocity impact loading**  
Yilmaz T., KIRAÇ N., ANIL Ö.  
STRUCTURAL CONCRETE, vol.20, no.4, pp.1358-1378, 2019 (SCI-Expanded)
- LXVI. **Modelling bond between concrete and bonded and anchored carbon-fibre polymer strips**  
Sakin S., ANIL Ö., Ghoroubi R., MERCİMEK Ö.  
PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-STRUCTURES AND BUILDINGS, vol.172, no.6, pp.437-450, 2019 (SCI-Expanded)
- LXVII. **Impact resistance of deflection-hardening fiber reinforced concretes with different mixture parameters**  
Banyhussan Q. S., Yildirim G., ANIL Ö., Erdem R. T., Ashour A., ŞAHMARAN M.  
STRUCTURAL CONCRETE, vol.20, no.3, pp.1036-1050, 2019 (SCI-Expanded)
- LXVIII. **Nonlinear FEA of mechanical anchorages on CFRP-to-concrete bonded joint**  
Yilmaz T., Arslan B., ANIL Ö.  
MAGAZINE OF CONCRETE RESEARCH, vol.71, no.9, pp.488-502, 2019 (SCI-Expanded)
- LXIX. **An alternative evaluation of the LTB behavior of mono-symmetric beam-columns**  
Yilmaz T., KIRAÇ N., ANIL Ö.  
STEEL AND COMPOSITE STRUCTURES, vol.30, no.5, pp.471-481, 2019 (SCI-Expanded)
- LXX. **Self-sensing of flexural damage in large-scale steel-reinforced mortar beams**  
Sarwary M. H., Yildirim G., Al-Dahawi A., Anil Ö., Khiavi K. A., Toklu K., Sahmaran M.



- ACI Materials Journal, vol.116, no.4, pp.209-221, 2019 (SCI-Expanded)
- LXXI. **Experimental behavior of strengthening of masonry infilled reinforced concrete frames by adding rebar-reinforced stucco**  
Kaya F., Tekeli H., ANIL Ö.  
STRUCTURAL CONCRETE, vol.19, no.6, pp.1792-1805, 2018 (SCI-Expanded)
- LXXII. **Low-velocity impact behaviour of two way RC slab strengthening with CFRP strips**  
Yilmaz T., KIRAÇ N., ANIL Ö., Erdem R. T., Sezer C.  
CONSTRUCTION AND BUILDING MATERIALS, vol.186, pp.1046-1063, 2018 (SCI-Expanded)
- LXXIII. **Investigation of lateral impact behavior of RC columns**  
ANIL Ö., Erdem R. T., Tokgoz M. N.  
COMPUTERS AND CONCRETE, vol.22, no.1, pp.123-132, 2018 (SCI-Expanded)
- LXXIV. **Effect of Timber Type and Nail Spacing on the Hysteretic Behavior of Timber-Framed Shear Walls with Openings**  
ANIL Ö., TOĞAY A., Isleyen U. K., DÖNGEL N., SÖĞÜTLÜ C.  
INTERNATIONAL JOURNAL OF CIVIL ENGINEERING, vol.16, pp.629-646, 2018 (SCI-Expanded)
- LXXV. **Piezoresistive behavior of CF- and CNT-based reinforced concrete beams subjected to static flexural loading: Shear failure investigation**  
Yildirim G., Sarwary M. H., Al-Dahawi A., ÖZTÜRK O., ANIL Ö., ŞAHMARAN M.  
CONSTRUCTION AND BUILDING MATERIALS, vol.168, pp.266-279, 2018 (SCI-Expanded)
- LXXVI. **Experimental investigation of flexural behavior of glulam beams reinforced with different bonding surface materials**  
Uzel M., TOĞAY A., ANIL Ö., SÖĞÜTLÜ C.  
CONSTRUCTION AND BUILDING MATERIALS, vol.158, pp.149-163, 2018 (SCI-Expanded)
- LXXVII. **Finite-element analyses of light timber-framed walls with and without openings**  
TOĞAY A., ANIL Ö., Isleyen U. K., Ediz I., DURUCAN C.  
PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-STRUCTURES AND BUILDINGS, vol.170, no.8, pp.555-569, 2017 (SCI-Expanded)
- LXXVIII. **Investigation of the impact behavior of steel and composite pipes with protective layer**  
ANIL Ö., AKBAŞ S. O., Gezer O., Yilmaz M. C.  
STRUCTURAL CONCRETE, vol.18, no.3, pp.421-432, 2017 (SCI-Expanded)
- LXXIX. **Experimental and finite element analyses of footings of varying shapes on sand**  
ANIL Ö., AKBAŞ S. O., Babagiray S., Gel A. C., Durucan C.  
GEOMECHANICS AND ENGINEERING, vol.12, no.2, pp.223-238, 2017 (SCI-Expanded)
- LXXX. **Nonlinear three-dimensional FE analyses of RC beams retrofitted using externally bonded CFRP sheets with or without anchorages**  
ANIL Ö., Durucan C., Kara M. E., Basegmez O.  
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.31, no.7, pp.770-786, 2017 (SCI-Expanded)
- LXXXI. **Nonlinear 3D finite element simulation of reinforced concrete flat plates retrofitted with externally bonded CFRP strips**  
Durucan C., ANIL Ö.  
STRUCTURE AND INFRASTRUCTURE ENGINEERING, vol.13, no.9, pp.1198-1211, 2017 (SCI-Expanded)
- LXXXII. **Bond slip behavior of anchored CFRP strips on concrete surfaces**  
Mertoglu C., ANIL Ö., Durucan C.  
CONSTRUCTION AND BUILDING MATERIALS, vol.123, pp.553-564, 2016 (SCI-Expanded)
- LXXXIII. **Experimental and numerical investigation of reinforced concrete beams with variable material properties under impact loading**  
ANIL Ö., Durucan C., Erdem R. T., Yorgancilar M. A.  
CONSTRUCTION AND BUILDING MATERIALS, vol.125, pp.94-104, 2016 (SCI-Expanded)
- LXXXIV. **Self-healing capability of large-scale engineered cementitious composites beams**  
KESKİN S. B., Keskin O. K., ANIL Ö., Sahmaran M., Alyousif A., Lachemi M., Amleh L., Ashour A. F.  
COMPOSITES PART B-ENGINEERING, vol.101, pp.1-13, 2016 (SCI-Expanded)

- LXXXV. **Hysteretic behavior of timber framed shear wall with openings**  
ANIL Ö, TOĞAY A., Isleyen U. K., SÖĞÜTLÜ C., DÖNGEL N.  
CONSTRUCTION AND BUILDING MATERIALS, vol.116, pp.203-215, 2016 (SCI-Expanded)
- LXXXVI. **Experimental study on the stress distribution at the interface between CFRP and three different types of masonry units**  
ANIL Ö, Durucan C., Din S. W.  
COMPOSITES PART B-ENGINEERING, vol.92, pp.63-73, 2016 (SCI-Expanded)
- LXXXVII. **Comparison of shear behaviour of engineered cementitious composite and normal concrete beams with different shear span lengths**  
Alyousif A., ANIL Ö, Sahmaran M., Lachemi M., Yildirim G., Ashour A. F.  
MAGAZINE OF CONCRETE RESEARCH, vol.68, no.5, pp.217-228, 2016 (SCI-Expanded)
- LXXXVIII. **Nonlinear finite element analysis of masonry wall strengthened with CFRP strips**  
ALYAVUZ B., ANIL Ö., Bulut N.  
ADVANCED COMPOSITE MATERIALS, vol.25, no.2, pp.159-175, 2016 (SCI-Expanded)
- LXXXIX. **Effect of opening size and location on the punching shear behavior of interior slab-column connections strengthened with CFRP strips**  
Durucan C., ANIL Ö.  
ENGINEERING STRUCTURES, vol.105, pp.22-36, 2015 (SCI-Expanded)
- XC. **Effect of corrosion on shear behavior of reinforced engineered cementitious composite beams**  
Sahmaran M., Anil Ö, Lachemi M., Yildirim G., Ashour A. F., Acar F.  
ACI Structural Journal, vol.112, no.6, pp.771-782, 2015 (SCI-Expanded)
- XCI. **Tests of high-performance fiber-reinforced concrete beams with different shear span-to-depth ratios and main longitudinal reinforcement**  
Alyousif A., ANIL Ö, Sahmaran M., Lachemi M., Yildirim G., Ashour A. F.  
JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, vol.34, no.18, pp.1491-1505, 2015 (SCI-Expanded)
- XCII. **Low velocity impact behavior of RC slabs with different support types**  
ANIL Ö, KANTAR E., Yilmaz M. C.  
CONSTRUCTION AND BUILDING MATERIALS, vol.93, pp.1078-1088, 2015 (SCI-Expanded)
- XCIII. **Improving the impact behavior of pipes using geofoam layer for protection**  
ANIL Ö, Erdem R. T., KANTAR E.  
INTERNATIONAL JOURNAL OF PRESSURE VESSELS AND PIPING, vol.132, pp.52-64, 2015 (SCI-Expanded)
- XCIV. **Low velocity impact behavior of shear deficient RC beam strengthened with CFRP strips**  
ANIL Ö, Yilmaz T.  
STEEL AND COMPOSITE STRUCTURES, vol.19, no.2, pp.417-439, 2015 (SCI-Expanded)
- XCV. **Analysis of a skid type landing gear of a rotary wing UAV by experimental and numerical methods**  
Yildirim O., Gunay E., Anil Ö., Aygun C.  
Acta Physica Polonica A, vol.127, no.4, pp.1170-1175, 2015 (SCI-Expanded)
- XCVI. **Load displacement behavior of concrete beam under monotonic static and low velocity impact load**  
Yilmaz M. C., Anil Ö, Alyavuz B., Kantar E.  
International Journal of Civil Engineering, vol.12, no.4, pp.488-503, 2014 (SCI-Expanded)
- XCVII. **The effect of corrosion on shear behavior of reinforced self-consolidating concrete beams**  
Lachemi M., Al-Sayati N., Sahmaran M., ANIL Ö.  
ENGINEERING STRUCTURES, vol.79, pp.1-12, 2014 (SCI-Expanded)
- XCVIII. **Effect of opening size and location on punching shear behaviour of two-way RC slabs**  
ANIL Ö, Kina T., Salmani V.  
MAGAZINE OF CONCRETE RESEARCH, vol.66, no.18, pp.955-966, 2014 (SCI-Expanded)
- XCIX. **Estimation of compression strength of polypropylene fibre reinforced concrete using artificial neural networks**  
Erdem R. T., KANTAR E., Gucuyen E., ANIL Ö.  
COMPUTERS AND CONCRETE, vol.12, no.5, pp.613-625, 2013 (SCI-Expanded)
- C. **Strengthening of one way RC slab with opening using CFRP strips**

- ANIL Ö., KAYA N., Arslan O.  
CONSTRUCTION AND BUILDING MATERIALS, vol.48, pp.883-893, 2013 (SCI-Expanded)
- CI. **Evaluation of blast-induced ground vibration effects in a new residential zone**  
Dogan O., ANIL Ö., AKBAŞ S. O., KANTAR E., Erdem R. T.  
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.50, pp.168-181, 2013 (SCI-Expanded)
- CII. **Nonlinear finite element analysis of loading transferred from column to socket base**  
ANIL Ö., Uyaroglu B.  
COMPUTERS AND CONCRETE, vol.11, no.5, pp.475-492, 2013 (SCI-Expanded)
- CIII. **THE EFFECT OF A SHALLOW RIGID LAYER ON THE BEARING CAPACITY OF FOOTINGS ON COHESIONLESS SOILS**  
BABAGIRAY G., AKBAŞ S. O., ANIL Ö.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.28, no.1, pp.187-197, 2013 (SCI-Expanded)
- CIV. **Hysteretic behavior of RC shear walls strengthened with CFRP strips**  
ALTIN S., ANIL Ö., KOPRAMAN Y., Kara M. E.  
COMPOSITES PART B-ENGINEERING, vol.44, no.1, pp.321-329, 2013 (SCI-Expanded)
- CV. **Vibration measurement and vulnerability analysis of a power plant cooling system**  
Anil Ö., AKBAŞ S. O., KANTAR E., Gel A. C.  
Smart Structures and Systems, vol.11, no.2, pp.199-215, 2013 (SCI-Expanded)
- CVI. **Improving out-of-plane behavior of aerated concrete walls with carbon fiber-reinforced polymer strips**  
ANIL Ö., Tatayoglu M.  
JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, vol.31, no.23, pp.1601-1615, 2012 (SCI-Expanded)
- CVII. **Out-of-plane behavior of unreinforced masonry brick walls strengthened with CFRP strips**  
ANIL Ö., Tatayoglu M., Demirhan M.  
CONSTRUCTION AND BUILDING MATERIALS, vol.35, pp.614-624, 2012 (SCI-Expanded)
- CVIII. **Low velocity impact behavior of concrete beam strengthened with CFRP strip**  
KANTAR E., ANIL Ö.  
STEEL AND COMPOSITE STRUCTURES, vol.12, no.3, pp.207-230, 2012 (SCI-Expanded)
- CIX. **Comparison of Seismic Performance of RC Frames Strengthened with Four Different Techniques**  
ALTIN S., ANIL Ö., Kara M. E., KOPRAMAN Y.  
ADVANCES IN STRUCTURAL ENGINEERING, vol.15, no.2, pp.343-357, 2012 (SCI-Expanded)
- CX. **Strain distribution between CFRP strip and concrete at strengthened RC beam against shear**  
ANIL Ö., Bulut N., AYHAN M.  
STRUCTURAL ENGINEERING AND MECHANICS, vol.41, no.4, pp.509-525, 2012 (SCI-Expanded)
- CXI. **Nonlinear finite element analysis of RC beams strengthened with CFRP strip against shear**  
Bulut N., ANIL Ö., BELGİN Ç. M.  
COMPUTERS AND CONCRETE, vol.8, no.6, pp.717-733, 2011 (SCI-Expanded)
- CXII. **Retrofitting of shear damaged RC beams using diagonal CFRP strips**  
ALTIN S., ANIL Ö., Ocaklı R. O., KOPRAMAN Y.  
JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, vol.30, no.17, pp.1495-1507, 2011 (SCI-Expanded)
- CXIII. **Retrofitting of shear damaged RC beams using CFRP strips**  
ALTIN S., ANIL Ö., Toptas T., Kara M. E.  
STEEL AND COMPOSITE STRUCTURES, vol.11, no.3, pp.207-223, 2011 (SCI-Expanded)
- CXIV. **Effect of concrete compressive strength variation on impact behaviour Beton dayanımındaki değişimin çarpma davranışına etkis**  
KANTAR E., Arslan A., ANIL Ö.  
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.26, no.1, pp.115-123, 2011 (SCI-Expanded)
- CXV. **Nonlinear finite element analysis of impact behavior of concrete beam**  
Kantar E., Erdem R. T., ANIL Ö.

- Mathematical and Computational Applications, vol.16, no.1, pp.183-193, 2011 (SCI-Expanded)
- CXVI. **Nonlinear finite element analysis of effective CFRP bonding length and strain distribution along concrete-CFRP interface**  
Dogan A. B., ANIL Ö.  
COMPUTERS AND CONCRETE, vol.7, no.5, pp.437-453, 2010 (SCI-Expanded)
- CXVII. **Improving Shear Capacity and Ductility of Shear-deficient RC Beams Using CFRP Strips**  
ALTIN S., ANIL Ö., KOPRAMAN Y., Mertoglu C., Kara M. E.  
JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, vol.29, no.19, pp.2975-2991, 2010 (SCI-Expanded)
- CXVIII. **Experimental investigation on cfrp-to-concrete bonded joints across crack**  
Anil Ö., BELGİN Ç. M., Kara M. E.  
Structural Engineering and Mechanics, vol.35, no.1, pp.1-18, 2010 (SCI-Expanded)
- CXIX. **Anchorage effects on CFRP-to-concrete bond strength**  
Anil Ö., BELGİN Ç. M.  
Journal of Reinforced Plastics and Composites, vol.29, no.4, pp.539-557, 2010 (SCI-Expanded)
- CXX. **Strengthening masonry infill walls with reinforced plaster**  
Altin S., Anil Ö., KOPRAMAN Y., BELGİN Ç. M.  
Proceedings of the Institution of Civil Engineers: Structures and Buildings, vol.163, no.5, pp.331-342, 2010 (SCI-Expanded)
- CXXI. **Rehabilitation of heavily earthquake damaged masonry building using steel straps**  
ALTIN S., Kuran F., Anil Ö., Kara M. E.  
Structural Engineering and Mechanics, vol.30, no.6, pp.651-664, 2008 (SCI-Expanded)
- CXXII. **Strengthening of RC T-section beams with low strength concrete using CFRP composites subjected to cyclic load**  
Anil Ö.  
Construction and Building Materials, vol.22, no.12, pp.2355-2368, 2008 (SCI-Expanded)
- CXXIII. **Strengthening of RC nonductile frames with RC infills: An experimental study**  
ALTIN S., Anil Ö., Kara M. E.  
Cement and Concrete Composites, vol.30, no.7, pp.612-621, 2008 (SCI-Expanded)
- CXXIV. **Review of bond-strength models and application on CFRP-to-concrete bonded joints across crack**  
Anil Ö., BELGİN Ç. M.  
Science and Engineering of Composite Materials, vol.15, no.2, pp.141-158, 2008 (SCI-Expanded)
- CXXV. **An experimental study on strengthening of masonry infilled RC frames using diagonal CFRP strips**  
ALTIN S., Anil Ö., Kara M. E., Kaya M.  
Composites Part B: Engineering, vol.39, no.4, pp.680-693, 2008 (SCI-Expanded)
- CXXVI. **Nonlinear finite element analysis of loading transferred from column to socket base Kolonlardan yuvalı temellere aktarılan yüklemenin lineer olmayan sonlu elemanlar yöntemi ile analizi**  
ALYAVUZ B., ANIL Ö.  
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.22, no.3, pp.471-479, 2007 (SCI-Expanded)
- CXXVII. **Nonlinear finite element analysis of rectangular cross sectional beam under monotonic loading Monotonik yükleme etkisi altındaki dikdörtgen kesitli betonarme kirişlerin sonlu elemanlar yöntemi ile doğrusal olmayan analizi**  
ANIL Ö., BELGİN Ç. M.  
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.22, no.1, pp.191-197, 2007 (SCI-Expanded)
- CXXVIII. **An experimental study on reinforced concrete partially infilled frames**  
Anil Ö., Altin S.  
Engineering Structures, vol.29, no.3, pp.449-460, 2007 (SCI-Expanded)
- CXXIX. **Improving shear capacity of RC T-beams using CFRP composites subjected to cyclic load**  
Anil Ö.  
Cement and Concrete Composites, vol.28, no.7, pp.638-649, 2006 (SCI-Expanded)

- CXXX. **Improving shear capacity of existing RC beams using external bonding of steel plates**  
Altin S., Anil Z., Kara M.  
Engineering Structures, vol.27, no.5, pp.781-791, 2005 (SCI-Expanded)
- CXXXI. **An application of external clamps for shear strengthening of reinforced concrete beams Betonarme Kirişlerin Kesmeye Karşı Güçlendirilmesinde Bir Kelepçe Uygulaması**  
ALTIN S., ANIL Ö., Gökten Y.  
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.19, no.4, pp.415-422, 2004 (SCI-Expanded)
- CXXXII. **Response of reinforced concrete beams with clamps applied externally: An experimental study**  
Altin S., Tankut T., Anil Ö., Demirel Y.  
Engineering Structures, vol.25, no.9, pp.1217-1229, 2003 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Strengthening of Columns with Different Innovative Composite Materials for RC Buildings without Sufficient Earthquake Resistance**  
MERCİMEK Ö., GHOROUBI R., ÖZDEMİR A., ANIL Ö.  
JOURNAL OF POLYTECHNIC-POLİTEKNİK DERGİSİ, vol.25, no.4, pp.1463-1473, 2022 (ESCI)
- II. **İri Agrega Kullanılarak Üretilen Yüksek Performanslı Hibrit Lif Katkılı Betonlarda Kesme Açıklığı-Faydalı Yükseklik Oranının Kırılma Modülü Üzerine Araştırma**  
ÖKSÜZER N., ANIL Ö., ALDEMİR A., ŞAHMARAN M.  
Bayburt Üniversitesi Fen Bilimleri Dergisi, vol.4, no.1, pp.53-54, 2021 (Peer-Reviewed Journal)
- III. **Experimental Investigation of The Effects of Mechanical Anchor Number and Layout Shape on Bond Stress-Slip Displacement Behavior at Timber Joints**  
ÖZDEN ACEHAN A., MERCİMEK Ö., GHOROUBI R., ANIL Ö.  
Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, vol.13, no.1, 2021 (Peer-Reviewed Journal)
- IV. **Birden Fazla Boşluklu Çift Doğrultulu Betonarme Döşemelerin Zımbalama Performansının İyileştirilmesi için Tekstil ile Güçlendirilmiş Sıva Şeritler ile Güçlendirilmesi**  
MERCİMEK Ö., GHOROUBI R., ANIL Ö., BARAN M.  
Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, vol.13, no.2, pp.573-582, 2021 (Peer-Reviewed Journal)
- V. **BA Parçasal Dolgu Duvarlı Çerçeveseler**  
ANIL Ö., ALTIN S.  
YAPI DÜNYASI, no.145, pp.41-45, 2008 (Non Peer-Reviewed Journal)
- VI. **Monotonik Yükleme Etkisi Altındaki Dikdörtgen Kesitli Betonarme Kirişlerin Sonlu Elemanlar Yöntemi İle Doğrusal Olmayan Analizi**  
ANIL Ö., BELGİN Ç. M.  
Gazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, vol.22, no.1, pp.191-197, 2007 (Peer-Reviewed Journal)
- VII. **Parçasal Betonarme Dolgu Duvarlı Çerçeveselerin Davranışı**  
ALTIN S., ANIL Ö.  
İMO İZMİR ŞUBESİ HABER BÜLTENİ, no.127, pp.127-135, 2006 (Non Peer-Reviewed Journal)
- VIII. **Betonarme Kirişlerin Kesmeye Karşı Güçlendirilmesi İçin Bir Yöntem**  
ALTIN S., ANIL Ö., KARA M. E.  
YAPI DÜNYASI, no.109, pp.41-48, 2005 (Non Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Birden Fazla Boşluklu Betonarme Kirişsiz Döşemelerde Boşluk Konumunun Zımbalama Dayanımına Etkisinin Deneysel Olarak İncelenmesi**  
MERCİMEK Ö., GHOROUBI R., ANIL Ö.

- 6.UDMSK, 6. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, 6.ICEES, 13 October 2021
- II. **Kare Kesitli Düşük Narinlikli Betonarme Kolonların Tekstil ile Güçlendirilmiş Sıva Katmanı ile Güçlendirilmesi**  
MERCİMEK Ö., GHOROUBI R., ANIL Ö.  
6.UDMSK, 6. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, 6.ICEES, 13 October 2021
- III. **Experimental Investigation of Shear Stress Slip Displacement Behaviour of Between Anchored Steel Strip to Concrete Surface**  
Armakan F., ÖZDEMİR A., KOPRAMAN Y., ANIL Ö.  
2nd International Turkish World Engineering and Science Congress, 7 - 10 November 2019
- IV. **Açılı CFRP Fan Tipi Ankrajlı CFRP Şeritler ile Beton Yüzey Arasındaki Gerilme-Kayma Deformasyonu İçin Yeni Bir Model Önerisi**  
ANIL Ö., Ghoroubi R., MERCİMEK Ö.  
5.UDMSK, 5. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, 5.ICEES, 8 - 11 October 2019
- V. **Kare Kesitli Hasarlı Betonarme Kolonların CDRP Şeritler ile Onarımı**  
ANIL Ö., MERCİMEK Ö., Ghoroubi R.  
5.UDMSK, 5. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, 5.ICEES, 8 - 11 October 2019
- VI. **CFRP Fan Tipi Ankrajlı CFRP Şeritler ile Beton Yüzey Arasındaki Gerilme-Kayma Deformasyonu Davranışı**  
MERTOĞLU Ç., ANIL Ö.  
5.UDMSK, 5. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, 5.ICEES, 8 - 11 October 2019
- VII. **Ahşap Lamine Kirişlerin Çarpma Yükleri Etkisindeki Davranışının Deneysel Olarak İncelenmesi”**  
Uyar H., ANIL Ö.  
Uluslararası Marmara Fen ve Sosyal Bilimler Kongresi, IMASCON 2019 Bahar, 26 - 28 April 2019
- VIII. **Ankrajlı Ahşap-Ahşap Yapışma Bağlantısında Gerilme Dağılımı ve Gerilme-Sıyrılma Deplasmanı Davranışının Deneysel Olarak İncelenmesi**  
Aykanat K., ANIL Ö.  
2nd International Congress on Engineering and Architecture, ENAR 2019, 22 - 24 April 2019
- IX. **Lamine Ahşap Yapı Elemanlarının Basınç Dayanımına Katmanlar Arasına Yerleştirilen Destek Malzemelerinin Etkisi**  
UZEL M., TOĞAY A., ANIL Ö., SÖĞÜTLÜ C.  
5. Uluslararası Mobilya Kongresi, Eskişehir, Turkey, 1 - 04 November 2018, vol.1, pp.256-265
- X. **Behavior of Timber Formwork Beams Retrofitting with CFRP Strip under Static Loading**  
TÜRER A., Dönmez T. Ü., ÇEVİK A., ANIL Ö.  
2nd International Symposium on Innovative Approaches in Scientific Studies, 30 November - 02 December 2018
- XI. **LAMİNE AHŞAP YAPI ELEMANLARININ BASINÇ DAYANIMINA KATMANLAR ARASINA YERLEŞTİRİLEN DESTEK MALZEMELERİNİN ETKİSİ**  
UZEL M., TOĞAY A., ANIL Ö., SÖĞÜTLÜ C.  
V.ULUSLARARASI MOBİLYA KONGRESİ, 1 - 04 November 2018
- XII. **Results of full-scale field impact load tests on HDPE pipes with geogrid protective layer**  
BABAGIRAY G., AKBAŞ S. O., ANIL Ö.  
11th International Conference on Geosynthetics, Seoul, South Korea, 16 - 21 September 2018
- XIII. **Experimental and Numerical Investigation of Lateral Torsional Buckling Behavior of IPE and UPE Steel Beam**  
Eroğlu H. E., Demirhan A., Mutlu E. O., ANIL Ö.  
ICELIS, International Congress on Engineering and Life Science, 26 - 29 April 2018
- XIV. **Determination of Self-Healing Performance of Cementitious Composites Under Elevated CO2 Concentration by Resonant Frequency and Crack Opening Measurements**  
KESKİN S. B., Ozlem K. K., Yildirim G., ŞAHMARAN M., ANIL Ö.  
3rd International Sustainable Buildings Symposium (ISBS), U ARAB EMIRATES, 15 - 17 March 2017, vol.7, pp.592-602
- XV. **Investigation of Earthquake Performance of Precast RC Shear Wall with High Thermal Insulation**

## Ability

Kebeli Y. E., ANIL Ö.

1nd International Turkish World Engineering and Science Congress, 7 - 10 December 2017

- XVI. **6306 Sayılı Kentsel Dönüşüm Yasası Risk Değerlendirme Tekniklerinin Saha Uygulaması: Beyoğlu Örneği**  
ANIL Ö., ŞAHMARAN M., KOÇKAR M. K.  
4.UDMSK, 4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, 11 - 13 October 2017
- XVII. **Çarpışma Yükleme Etkisindeki Betonarme Kolonların Lineer Olmayan Sonlu Elemanlar Yöntemi ile Analizi**  
Barmaki W., ANIL Ö.  
4.UDMSK, 4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, 11 - 13 October 2017
- XVIII. **TAŞIYICI OLMAYAN KURU ALÇI DUVAR SİSTEMLERİNİN DEPREM PERFORMANSLARININ DENEYSEL OLARAK İNCELENMESİ**  
KOPRAMAN Y., ÖZDEMİR A., ANIL Ö.  
4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı - UDMSK, Turkey, 11 - 13 October 2017
- XIX. **Operasyonel Modal Analiz Tekniği ile Yığma Yapıların Dinamik Davranışının Belirlenmesi**  
Güneş S., ANIL Ö.  
4.UDMSK, 4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, 11 - 13 October 2017
- XX. **Betonarme Binaların Patlayıcı Kullanılarak Yıkımında Yapı Davranışının Analizi**  
ÖZMEN H., SOYLUK K., ANIL Ö.  
4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, Eskişehir, Turkey, 11 - 13 October 2017
- XXI. **Experimental Investigation of Low Velocity Impact Behaviour of RC Two Way Slab Strengthening With CFRP Strips**  
YILMAZ T., KIRAÇ N., ANIL Ö., Sezer C.  
7aese, 7th International Conference on Advances in Experimental Structural Engineering, 6 - 08 September 2017
- XXII. **Experimental Investigation of Impact Behavior of Engineered Cementitious Concrete Beam**  
ŞAHMARAN M., ANIL Ö., YILDIRIM G., Keskin Ö. K.  
ISBS2017, 3rd International Sustainable Buildings Symposium, 15 - 17 March 2017
- XXIII. **Strengthening of RC Shear Walls Using with CFRP Strips**  
ALTIN S., ANIL Ö., KOPRAMAN Y., KARA M. E.  
CICE 2016, The 8th International Conference on Fibre-Reinforced Polymer (FRP) Composites in Civil Engineering, 14 - 16 December 2016
- XXIV. **Behavior of RC Square Column Strengthening with CFRP Strip Subjected to Low Velocity Lateral Impact Loading**  
MERCİMEK Ö., Ghabouri R., ANIL Ö.  
AERS 2016, International Congress on Advanced Earthquake Resistant Structures, 24 - 28 October 2016
- XXV. **Investigation of Impact Behaviour of HDPE Pipes with Geocell Protective Layer**  
BABAGIRAY G., AKBAŞ S. O., ANIL Ö.  
6th European Geosynthetics Congress, 25 - 28 September 2016
- XXVI. **Investigation of impact behavior of HDPE pipes with geocell protective layer**  
Babagiray G., Akbaş S. O., Anil Ö.  
6th European Geosynthetics Congress, Ljubljana, Slovenia, 25 - 28 September 2016, pp.762-773
- XXVII. **Effect of Openings on the Punching Shear Behavior of Slab Column Connections with CFRP Strips**  
DURUCAN C., ANIL Ö.  
12th International Congress on Advances in Civil Engineering, 21 - 23 September 2016
- XXVIII. **Strengthening of RC shear walls with CFRP strips**  
ALTIN S., ANIL Ö., KOPRAMAN Y., Kara M.  
8th International Conference on Fibre-Reinforced Polymer (FRP) Composites in Civil Engineering, CICE 2016, Hong Kong, China, 14 - 16 December 2016, pp.1052-1058
- XXIX. **6306 Sayılı Kentsel Dönüşüm Yasası Kapsamında Yer Alan Hızlı Değerlendirme Tekniğinin Geniş Kapsamlı Saha Uygulaması Niğde Örneği**

Tozlu Z., ANIL Ö., ŞAHMARAN M.

3. Türkiye Deprem Mühendisliği ve Sismoloji Konferansı, Turkey, 14 - 16 October 2015

- XXX. **Experimental Investigation of Reinforced Concrete Columns Impact Behavior**  
tokgöz m., ANIL Ö.  
5th International Earthquake Symposium, 10 - 12 June 2015
- XXXI. **Experimental Analysis of Hysteretic Load Behavior of Timber Framed Shear Walls with Openings**  
ANIL Ö., TOĞAY A., SÖĞÜTLÜ C., DÖNGEL N., KARAGÖZ İŞLEYEN Ü., EDİZ İ.  
11th International Congress on Advances in Civil Engineering- ACE 2014, İstanbul, Turkey, 21 - 25 October 2014
- XXXII. **An inter disciplinary approach for earthquake vulnerability assessment in urban areas A case study of Central District Yalova**  
AKBAŞ S. O., GÜZEY Ö., AKSOY E., ANIL Ö., GÜLTEKİN N.  
Regional Studies Association, Shape and be Shaped: The Future Dynamics of Regional Development Annual European Conference, Tampere, Finland, 5 - 08 May 2013
- XXXIII. **Dolgu Duvarı Hasır Çelik Donatılı Özel Sıva İle Güçlendirilmiş Betonarme Çerçevelerin Davranışı**  
ALTIN S., ANIL Ö., KOPRAMAN Y., BELGİN Ç. M.  
7.Ulusal Deprem Mühendisliği Konferansı, İstanbul, Turkey, 30 May 2011
- XXXIV. **The Effect Of Anchorage Type On Stress Distribution Between CFRP And Concrete Surfaces**  
ANIL Ö., BELGİN Ç. M.  
8th International Congress on Advances in Civil Engineering, Famagusta, Cyprus (Kkctc), 15 September 2008

## Supported Projects

Anil Ö., TUBITAK Project, BOŞLUK YERİ VE BÜYÜKLÜĞÜ DEĞİŞEN ÇİFT DOĞRULTULU BETONARME DÖŞEMELERİN TEKSTİL İLE GÜÇLENDİRİLMİŞ SIVA VE KARBON TAKVİYELİ ELYAF KUMAŞLAR İLE ZİMBAMALAYA KARŞI GÜÇLENDİRİLMESİ, 2020 - 2023

ANIL Ö., Project Supported by Higher Education Institutions, BOŞLUKLU TEK DOĞRULTULU BETONARME DÖŞEMELERİN CFRP ŞERİTLER İLE GÜÇLENDİRİLMESİ, 2011 - 2013

ANIL Ö., Project Supported by Higher Education Institutions, TABAKALI KORUYUCU BİR YAPININ DARBE KUVVETLERİNE KARŞI ETKİNLİĞİNİN ARAŞTIRILMASI, 2010 - 2012

ANIL Ö., Project Supported by Higher Education Institutions, Çatlak Üzerine Yapıştırılan Karbon Takviyeli Elyaf İle Beton Arasındaki Gerilme Dağılımının İncelenmesi, 2007 - 2008

## Patent

Anil Ö., Gerçek zamanlı maden ve tünel güvenlik takip sistemi, Utility Model, CHAPTER E Constructed Constructions (Construction), The Invention Registration Number: TR 2014 11815 A2 , Standard Registration, 2021

## Metrics

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