

# Prof. ÖZGÜR ANIL

## Personal Information

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## International Researcher IDs

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## 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 1 NESSES

- 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. **Experimental investigation of behavior of masonry wall under diagonal tension loading: Strengthening with CFRP versus TRM**  
Ozen A., ÇELİK A., AKKAYA S. T., BIÇAKÇIOĞLU K., MERCİMEK Ö., YILMAZ M. C., Erbas Y., ANIL Ö.  
STRUCTURES, vol.70, 2024 (SCI-Expanded)
- II. **Experimental investigation of material properties of GFRP pipe for numerical simulation of novel nuclear power plant cooling water intake system**  
ANIL Ö., Okay Mutlu E., Demirhan M., ÖZTORUN KÖROĞLU E.  
Nuclear Engineering and Design, vol.428, 2024 (SCI-Expanded)
- III. **Experimental and numerical investigation of low-velocity impact behavior and failure mode of shear deficient RC beam strengthened with CFRP strips**  
ÇALIŞKAN Ö., ARAS M., Yilmaz T., ANIL Ö.  
STRUCTURAL CONCRETE, 2024 (SCI-Expanded)
- IV. **Experimental and Numerical Investigation of Impact Behaviour of Anchored CFRP-to-Concrete Bonding Interface**  
Erbaş Y., Ghoroubi R., MERCİMEK Ö., ANIL Ö., Karaalp A.  
Theoretical and Applied Fracture Mechanics, vol.133, 2024 (SCI-Expanded)
- V. **Investigation of notch position and fiber ratio on the fracture mode and energy of sfrc beam under the impact load**  
ARSLAN A., Alwindawi Y., ANIL Ö., Kalkan H.  
THEORETICAL AND APPLIED FRACTURE MECHANICS, vol.133, 2024 (SCI-Expanded)
- VI. **Investigation of RC structure damages after February 6, 2023, Kahramanmaraş earthquake in the Hatay region**  
DOĞAN T. P., KALKAN H., ALDEMİR Ö., AYHAN M., BÖCEK M., ANIL Ö.  
Bulletin of Earthquake Engineering, vol.22, no.10, pp.5201-5229, 2024 (SCI-Expanded)
- VII. **Flexural behavior of finger joint connected glulam wooden beams strengthened with CFRP strips**  
MERCİMEK Ö., Ghoroubi R., AKKAYA S. T., TÜNER A., ANIL Ö., İşleyen Ü. K.  
Structures, vol.66, 2024 (SCI-Expanded)
- VIII. **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)
- IX. **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)
- X. **Low-velocity impact behavior of two-way SFRC slabs strengthened with steel plate**  
Al-Hagri M. G., DÖNDÜREN M. S., Yilmaz T., ANIL Ö., EROL H., ŞENGEL H. S.  
ARCHIVES OF CIVIL AND MECHANICAL ENGINEERING, no.3, 2024 (SCI-Expanded)
- XI. **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)
- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **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)
- XVII. **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)
- XVIII. **Design deficiencies, failure modes and recommendations for strengthening in reinforced concrete structures exposed to the February 6, 2023 Kahramanmaraş Earthquakes (Mw 7.7 and Mw 7.6)**  
Erbaş Y., MERCİMEK Ö., ANIL Ö., ÇELİK A., AKKAYA S. T., Kocaman İ., Gürbüz M.  
Natural Hazards, 2024 (SCI-Expanded)
- XIX. **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)
- XX. **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)
- XXI. **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., TÜRER A., KOPRAMAN Y., Ozbakkaloglu T., AKKAYA S. T.  
Mechanics Based Design of Structures and Machines, vol.52, no.11, pp.8744-8777, 2024 (SCI-Expanded)
- XXII. **Proposed novel bond-slip model for geocell reinforcement under pull-out loading condition**  
Işık A., Anil Ö., Gürbüz A.  
GEOTECHNIQUE, vol.73, no.11, pp.961-973, 2023 (SCI-Expanded)
- XXIII. **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, 2023 (SCI-Expanded)
- XXIV. **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)
- XXV. **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)
- XXVI. **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)
- XXVII. **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)
- XXVIII. **Prediction of capacity of reinforced concrete shear wall with multiple openings by using nonlinear finite element analysis**

- Erbas Y., Anil Ö., Özdemir A., Kopraman Y.  
STRUCTURAL CONCRETE, vol.24, no.1, pp.680-702, 2023 (SCI-Expanded)
- XXIX. **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)
- XXX. **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)
- XXXI. **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, vol.51, no.1, 2023 (SCI-Expanded)
- XXXII. **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., Kopraman Y.  
MECHANICS BASED DESIGN OF STRUCTURES AND MACHINES, vol.51, no.2, 2023 (SCI-Expanded)
- XXXIII. **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)
- XXXIV. **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)
- XXXV. **Experimental investigation of hysteretic behaviour of non-structural dry gypsum infill walls**  
Çakmak C., Kopraman 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)
- XXXVI. **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)
- XXXVII. **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)
- XXXVIII. **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)
- XXXIX. **Punching behaviour of two-way RC slabs having different multiple opening locations and sizes strengthened with TRM**  
Mercimek Ö., Ghoroubi R., Özdemir A., Anil Ö., Baran M.  
Structures, vol.42, pp.531-549, 2022 (SCI-Expanded)
- XL. **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)
- XLI. **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)
- XLII. **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)
- XLIII. **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)
- XLIV. **Investigation of strengthened low slenderness RC column by using textile reinforced mortar strip under axial load**  
Mercimek Ö., Ghoroubi R., Özdemir A., Anil Ö., Erbas Y.  
ENGINEERING STRUCTURES, vol.259, 2022 (SCI-Expanded)
- XLV. **Experimental and numerical investigation of timber formwork beam under different loading type**  
Donmez T. U., TÜRER A., ANIL Ö., Erdem R. T.  
MECHANICS BASED DESIGN OF STRUCTURES AND MACHINES, vol.50, no.3, pp.1090-1110, 2022 (SCI-Expanded)
- XLVI. **Mechanical Characteristics of Self-Healing, Deflection-Hardening, High-Performance Fiber-Reinforced Cementitious Composites Using Coarse Aggregates**  
Öksüz N., ANIL Ö., YILDIRIM G., ALDEMİR A., Şahmaran M.  
ACI Materials Journal, vol.119, no.2, pp.155-170, 2022 (SCI-Expanded)
- XLVII. **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)
- XLVIII. **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)
- XLIX. **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)
- L. **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)
- LI. **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)
- LII. **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)
- LIII. **Investigation of mechanical properties of high-performance hybrid fiber concretes adding nanomaterials using with coarse aggregate**  
Oksuzer N., ANIL Ö., ALDEMİR A., ŞAHMARAN M.  
STRUCTURES, vol.33, pp.2893-2902, 2021 (SCI-Expanded)
- LIV. **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)
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