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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Yapı Mühendisliği (Dr), Türkiye 2010 - 2017

Yüksek Lisans, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Yapı Mühendisliği (YI) (Tezli), Türkiye 2007 - 2010

Lisans, Kocaeli Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Türkiye 2003 - 2007

Yaptığı Tezler

Doktora, MEVCUT BETONARME YAPILARIN DEPREM PERFORMANSLARI ÜZERİNE TAM ÖLÇEKLİ BİNA DENEYLERİ VE MODELLEME ÖNERİLERİ, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Yapı Mühendisliği (Dr), 2017

Yüksek Lisans, Betonarme yapıların patlamalar karşısındaki performanslarının değerlendirilmesi, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Yapı Mühendisliği (YI) (Tezli), 2010

Akademik Unvanlar / Görevler

Araştırma Görevlisi, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, İnşaat Mühendisliği Bölümü, 2010 - 2016

Yönetilen Tezler

MUSTAFA C., Earthquake performance and cost comparison of core wall and tunnel formwork RC high rise buildings, Yüksek Lisans, M.IBRAHİM(Öğrenci), 2022

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Seismic Retrofit of Substandard RC Columns Using Sprayed Glass Fiber-Reinforced Mortar and Basalt Textile Reinforcement**
ATEŞ A. O., Hajhosseinlou S., Nasrinpour A., Demir C., CÖMERT M., Marasli M., İlki A.
JOURNAL OF EARTHQUAKE ENGINEERING, cilt.28, sa.6, ss.1615-1642, 2024 (SCI-Expanded)
- Structural Characteristics of the Earthquake-Prone Building Stock in Istanbul and Prioritization of Existing Buildings in Terms of Seismic Risk-A Pilot Project Conducted in Istanbul**
Aydogdu H. H., Demir C., CÖMERT M., Kahraman T., İlki A.
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- Seismic Collapse Performance of a Full-Scale Concrete Building with Lightly Reinforced Columns**
TÖRE E., Demir C., CÖMERT M., İlki A.

Kitap & Kitap Bölümleri

- I. **Code Based Performance Prediction for a Full-Scale FRP Retrofitted Building Test**
İLKİ A., TÖRE E., DEMİR C., CÖMERT M.
Seismic Hazard and Risk Assessment, Radu Vacareanu, Constantion Ionescu, Editör, Springer Natural Hazards, Cham, ss.467-477, 2019
- II. **Seismic Performance of a Full-Scale FRP Retrofitted Sub-Standard RC Building**
İLKİ A., TÖRE E., DEMİR C., CÖMERT M.
Recent Advances in Earthquake Engineering in Europe, Kyriazis Pitilakis, Editör, SPRINGER, CHAM, ss.519-545, 2018

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **An Overview on the Structural Monitoring, Assessment and Retrofitting of Historical Structures with a Focus on 13th Century Monuments**
İlki A., Inci P., Halici O. F., Demir C., CÖMERT M., Kuran F.
International Congress on Advanced Earthquake Resistant Structures (AERS), Baku, Azerbaycan, 26 - 28 Nisan 2023, ss.206-234
- II. **From experiments to seismic design rules for structures built with reinforced autoclaved aerated concrete panels**
halıcı o. f., dalgıç d. k., ozeren o., Ugurlu K., DEMİR C., CÖMERT M., İLKİ A.
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- III. **Seismic performance of retrofitted sub-standard RC buildings**
İLKİ A., Tore E., DEMİR C., CÖMERT M.
16th European Conference on Earthquake Engineering, Thessaloniki, 14 - 17 Haziran 2018
- IV. **Open-air cyclic testing of a large-scale stone masonry specimen**
BAL İ. E., Smyrou E., Alaboz M., Yavuzer M., DEMİR C., CÖMERT M., İLKİ A.
7th International Conference on Advances in Experimental Structural Engineering, 6 - 08 Eylül 2017
- V. **Seismic assessment and rehabilitation of Hirka-i Serif Mosque**
DEMİR C., CÖMERT M., Inci P., Dusak S., İLKİ A.
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- VI. **Full-scale seismic testing of a building constructed with AAC panels**
Ugurlu K., DEMİR C., CÖMERT M., Dalgic K. D., İLKİ A.
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- VII. **Seismic assessment and rehabilitation of XVth century Kucuk Mustafa Pasa Bath**
DEMİR C., CÖMERT M., İLKİ A., ÇELİK P.
SEMC 2016, The 6th International Conference on Structural Engineering, Mechanics and Computation, 5 - 07 Eylül 2016
- VIII. **Performances of FRP Confinement Models for Predicting the Behavior of Full-Scale FRP Retrofitted Columns under Simulated Seismic Actions**
GHATTE H. F., CÖMERT M., DEMİR C., İLKİ A.
FRPRCS-12 and APFIS 2015 Joint Conference, 14 - 16 Aralık 2015
- IX. **Az Katlı Düzenli Betonarme Binalar İçin Alternatif Basitleştirilmiş DepremTasarımı**
İLKİ A., CÖMERT M., ORAKÇAL K., GÜLKAN H. P.
8. Ulusal Deprem Mühendisliği Konferansı, Türkiye, 11 Mayıs 2014 - 15 Mayıs 2015
- X. **Seismic Performance of Full-scale FRP Retrofitted Substandard Rectangular RC Columns Loaded in the Weak Direction**

- GHATTE H. F., CÖMERT M., DEMİR C., İLKİ A.
ACE 2015, Advances in Civil and Infrastructure Engineering, 13 - 15 Nisan 2015
- XI. **Seismic Performance of Full-Scale FRP Confined Sub-Standard Columns Subjected to High Axial Load**
CÖMERT M., DEMİR C., GHATTE H. F., İLKİ A.
The 7th International Conference on FRP Composites in Civil Engineering (CICE 2014), 20 - 22 Ağustos 2014
- XII. **Seismic Retrofit of Sub-standard RC Columns through Basalt Mesh Reinforced Sprayed GFRC Jacketing**
CÖMERT M., HAJIHOSEINLOU S., NASRINPOUR A., ATEŞ A. O., DEMİR C., MARASLI M., İLKİ A.
FRC 2014 Joint ACI-fib International Workshop, 24 - 25 Temmuz 2014
- XIII. **Retrofit of RC Joints with FRP Composites**
İLKİ A., DEMİR C., CÖMERT M.
APFIS 2013, the Fourth Asia-Pacific Conference on FRP Structures, 11 - 13 Aralık 2013
- XIV. **Cyclic Testing of a Steel-Core Buckling Restrained Brace Under Near-Fault Displacement Reversals**
AVCI KARATAŞ Ç., ÇETİNKAYA S., DEMİR C., CÖMERT M., GÜNEŞ B., ÇELİK O. C.
SMAR 2013 Second Conference on Smart Monitoring, Assessment and Rehabilitation of Civil Structures, 9 - 11 Eylül 2013
- XV. **Effects of CFRP Confinement of Columns on Structural Performance Against Blast**
CÖMERT M., İLKİ A.
Performance-Based and Life-Cycle Structural Engineering, 5 - 07 Aralık 2012
- XVI. **Performance Based Seismic Assessment Method for Existing Frames**
İLKİ A., CÖMERT M., DEMİR C., ORAKÇAL K., TAPAN M., KUMBASAR N.
Performance-based and Life-cycle Structural Engineering, 5 - 07 Aralık 2012
- XVII. **FRP Retrofit of a Full-scale 3D RC Frame**
COŞGUN C., CÖMERT M., DEMİR C., İLKİ A.
6th International Conference on FRP Composites in Civil Engineering, 13 - 15 Haziran 2012
- XVIII. **Seismic Retrofit of a Typical Reinforced Concrete Building through FRP Jacketing of Extended Rectangular Columns**
CÖMERT M., İLKİ A.
6th International Conference on Advanced Composite Materials in Bridges and Structures, 22 - 25 Mayıs 2012
- XIX. **Lessons Learnt From 2011 Van Earthquakes in Turkey in Terms of Structural Engineering**
İLKİ A., ORAKÇAL K., TAPAN M., DEMİR C., CÖMERT M., TUNCEL Y., KUSUNOKI K., TASAI A.
9th International Conference on Urban Earthquake Engineering, 6 - 08 Mart 2012
- XX. **FRP retrofit of a full-scale 3D RC frame**
Cosgun C., Comert M., Demir C., İlki A.
6th International Conference on FRP Composites in Civil Engineering, CICE 2012, Rome, İtalya, 13 - 15 Haziran 2012
- XXI. **Yapıların Karbon Lifli Polimer Kompozitler ile Güçlendirilmesi**
İLKİ A., DEMİR C., CÖMERT M.
7. Ulusal Deprem Mühendisliği Konferansı, Türkiye, 30 Mayıs - 03 Haziran 2011
- XXII. **Increasing Deformability of FRP Confined Low and Medium Strength Concrete through a Cement Based Mortar Layer**
CÖMERT M., GÖKSU Ç., COŞGUN C., ÖZÜBEK M., İLKİ A.
9th International Congress on Advances in Civil Engineering, 27 - 30 Eylül 2010
- XXIII. **Towards a tailored stress-strain behavior for FRP confined low strength concrete**
CÖMERT M., Akkaya Ç., İlki A.
3rd International fib Congress and Exhibition, Incorporating the PCI Annual Convention and Bridge Conference 2010, Washington, Amerika Birleşik Devletleri, 29 Mayıs - 02 Haziran 2010
- XXIV. **Increasing seismic capacity of existing reinforced concrete buildings by the use of FRP and steel fuse elements**
TÜRK A. M., CÖMERT M., Cosgun C., Kesti M. G.
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2010, Washington, Amerika Birleşik Devletleri, 29 Mayıs - 02 Haziran 2010

XXV. **Blast Resistance Assessment of a Typical Public Building in Turkey**
CÖMERT M., İLKİ A.

International Conference UACEG2009: Science Practice, 29 - 31 Ekim 2009

XXVI. **External Confinement of Concrete with Post-tensioned GFRP Sheets**
CÖMERT M., GÖKSU Ç., İLKİ A.

International Symposium on FRP Reinforcement for Concrete Structures, 13 - 15 Temmuz 2009

Metrikler

Yayın: 31

Atıf (WoS): 4

Atıf (Scopus): 14

H-İndeks (WoS): 1

H-İndeks (Scopus): 2