

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, The University Of Texas At Austin, İnşaat Mühendisliği Bölümü, Amerika Birleşik Devletleri 1996 - 2000
Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Türkiye 1989 - 1992
Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Türkiye 1984 - 1989

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Doktora, Performance of Elastomeric Bridge Bearings at Low Temperatures, The University Of Texas At Austin, İnşaat Mühendisliği Bölümü, 2000
Yüksek Lisans, Influence of structural nonuniformities on earthquake response, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 1992

Araştırma Alanları

Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Prof.Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2010 - Devam Ediyor
Doç.Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2005 - 2010
Yrd.Doç.Dr., Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2002 - 2005
Araştırma Görevlisi, The University Of Texas At Austin, Mühendislik Fakültesi, İnşaat Mühendisliği, 1996 - 2000
Araştırma Görevlisi, Northeastern University, Mühendislik Fakültesi, İnşaat Mühendisliği, 1995 - 1996
Araştırma Görevlisi, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 1989 - 1995

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- **Derivation of analytical fragility curves using SDOF models of masonry structures in Erzurum (Turkey)**
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- AKKAR D. S. , Kale O., YAKUT A., Ceken U.
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Aldemir A., BİNİCİ B., CANBAYE., YAKUT A.
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 - **Assessment of alternative simulation techniques in nonlinear time history analyses of multi-story frame buildings: A case study**
Karimzadeh S., Askan A., Yakut A., Ameri G.
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 - **Provisions for the Seismic Risk Evaluation of Existing Reinforced Concrete Buildings in Turkey under the Urban Renewal Law**
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SUCUOĞLU H., YAKUT A., Ozmen A., Kubin J.
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 - **Performance limits for structural walls: An analytical perspective**
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 - **Seismic risk prioritization of residential buildings in Istanbul**
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 - **Seismic vulnerability assessment criteria for RC ordinary highway bridges in Turkey**
AVŞAR Ö., YAKUT A.
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 - **Analytical Fragility Curves for Ordinary Highway Bridges in Turkey**
AVŞAR Ö., YAKUT A., CANER A.
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- **Service life assessment of existing highway bridges with no planned regular inspections**
Caner A., Yanmaz A. M. , Yakut A., Avşar O., Yilmaz T.
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- **Numerical simulation of dynamic shear wall tests: A benchmark study**
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- **Reply to: Discussion of "Re-examination of damage distribution in Adapazari: Geotechnical considerations"**
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- **Displacement-based fragility functions for low- and mid-rise ordinary concrete buildings**
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- **Re-examination of damage distribution in Adapazari: Geotechnical considerations**
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- **Evaluation of elastomeric bearing performance at low temperatures**
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- **DOLGU DUVARLARIN DÜZLEM DIŞI YÖNDE HAVA YASTIĞI İLE DENEYİ**
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Kitap & Kitap Bölümleri

- **SEISMIC PERFORMANCE ASSESSMENT AND REHABILITATION OF EXISTING RC BUILDINGS IN TURKEY**
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- **COMPARISON OF 2007 AND 2019 SEISMIC HAZARD MAPS BASED ON SPECTRUM INTENSITIES AND CORRESPONDING ENGINEERING DEMANDS – A CASE STUDY WITH RC SCHOOL BUILDINGS IN ISTANBUL**
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- **Seismic Risk Assessment of School Buildings on the Basis of Recent Turkish Seismic Hazard Map**
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- **COMPARISONS OF ALTERNATIVE SEISMIC INTENSITY PARAMETERS FOR SELECTED SETS OF REAL AND SIMULATED GROUND MOTION RECORDS**
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- **Seismic response of autoclaved aerated concrete masonry infill walls under in-plane and out-of-plane seismic demands**
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• **Strengthening Infilled RC Frames Against Biaxial Seismic Action**

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• **BASE ISOLATION APPLICATIONS IN TURKEY**

AKYÜZ U., YAKUT A.

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• **FRAGILITY CURVES FOR RC BUILDINGS OF DUZCE (TURKEY) USING SIMULATED RECORDS**

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• **THE COMPARISON OF DIFFERENT FRAGILITY CURVE GENERATION TECHNIQUES TO ESTIMATE OBSERVED DAMAGE DISTRIBUTIONS**

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• **PERFORMANCE BASED LIMIT STATES FOR INFILL WALLS IN RC FRAMES**

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• **FROM SEISMIC SOURCES TO ENGINEERING DEMANDPARAMETERS: AN INTERDISCIPLINARY FRAMEWORK FORESTIMATION OF SEISMIC LOSSES IN URBAN REGIONS**

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• **Numerical Modeling of Infilled Reinforced Concrete Frame and Its Verification**

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