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Education Information

Doctorate, The University of Texas at Austin, İnşaat Mühendisliği Bölümü, United States Of America 1996 - 2000

Postgraduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 1989 - 1992

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 1984 - 1989

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Performance of Elastomeric Bridge Bearings at Low Temperatures, The University Of Texas At Austin, İnşaat Mühendisliği Bölümü, 2000

Postgraduate, Influence of structural nonuniformities on earthquake response, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 1992

Research Areas

Engineering and Technology

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2010 - Continues
Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2005 - 2010

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2002 -

2005

Research Assistant, The University of Texas at Austin, Mühendislik Fakültesi, İnşaat Mühendisliği, 1996 - 2000

Research Assistant, Northeastern University, Mühendislik Fakültesi, İnşaat Mühendisliği, 1995 - 1996

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 1989 - 1995

Advising Theses

YAKUT A., Influence of ground motion scaling methods on seismic response of highway bridges, Postgraduate, M.GÖZÜTOK(Student), 2022

YAKUT A., Evaluation and selection of ground motion intensity measures for nonlinear seismic demand and fragility analysis of MDOF systems, Doctorate, K.KADAŞ(Student), 2021

YAKUT A., AY B. Ö., Investigation of seismic isolation efficiency for building structures, Postgraduate, S.ÖZDEMİR(Student), 2017

YAKUT A., Effect of soft story on seismic performance of reinforced concrete buildings, Doctorate, V.HATUN(Student), 2017

YAKUT A., Effects of ground motion selection on seismic response of buildings, Postgraduate, Ö.KARAKÜTÜK(Student), 2015

YAKUT A., Effect of ground motion selection on seismic response of buildings, Postgraduate, Ö.Karakütük(Student), 2015

YAKUT A., Generalized fragility curves for earthquake insurance premiums, Postgraduate, M.AYSUN(Student), 2015

YAKUT A., Seismic performance evaluation of reinforced concrete frames infilled with autoclave aerated concrete masonry, Postgraduate, U.AHMED(Student), 2013

YAKUT A., Assessment of nonlinear static (pushover) analysis procedures using field experience, Doctorate, A.DİLSİZ(Student), 2013

DİCLELİ M., YAKUT A., Dynamic simulation of shaking table tests for a shearwall building having torsion, Postgraduate, S.NAZİRZADEH(Student), 2012

YAKUT A., Detailed evaluation of an existing reinforced concrete building damaged under its own weight, Postgraduate, A.BAYRAKTAR(Student), 2011

YAKUT A., Fragility of a shear wall building with torsional irregularity, Postgraduate, V.HATUN(Student), 2011

YAKUT A., AKYÜZ U., Comparative study of commercial structural analysis programs in view of seismic assessment procedures in Turkish Earthquake Code 2007, Postgraduate, S.YILDIRIM(Student), 2011

YAKUT A., Buildings under recurring near-field earthquakes, Doctorate, B.BAYHAN(Student), 2010

YAKUT A., Capacity related properties and assessment of school buildings in Turkey, Postgraduate, İ.KALEM(Student), 2010

YAKUT A., Evaluation of performance based displacement limits for reinforced concrete columns under flexure, Postgraduate, T.SOLMAZ(Student), 2010

YAKUT A., Evaluation of shear wall indexes for reinforced concrete buildings, Postgraduate, O.SOYDAŞ(Student), 2009

YAKUT A., CANER A., Fragility based seismic vulnerability assessment of ordinary highway bridges in Turkey, Doctorate, Ö.AVŞAR(Student), 2009

YAKUT A., Correlation of deformation demands with ground motion intensity, Postgraduate, H.YILMAZ(Student), 2007

YAKUT A., Comparison of seismic assessment procedures in the current Turkish Code, Postgraduate, A.OKUR(Student), 2007

YAKUT A., Influence of idealized pushover curves on seismic response, Postgraduate, K.KADAŞ(Student), 2006

YAKUT A., Determination of the change in building capacity during earthquakes, Postgraduate, D.ÇEVİK(Student), 2006

YAKUT A., AKYÜZ U., Effects of masonry infill walls on the seismic performance of buildings, Postgraduate, M.SELİM(Student), 2005

YAKUT A., Evaluation of pushover analysis procedures for frame structure, Postgraduate, S.Oğuz(Student), 2005

YAKUT A., Component based seismic vulnerability assessment procedure for RC buildings, Doctorate, E.ERDURAN(Student), 2005

YAKUT A., Evaluation of pushoveranalysis procedures for frame structures, Postgraduate, S.OĞUZ(Student), 2005

TÜRER A., YAKUT A., Seismic vulnerability assessment using artificial neural networks, Postgraduate, A.GÜLER(Student), 2005
YAKUT A., Cost-benefit analysis for various rehabilitation strategies, Postgraduate, S.ÇETİNCELİ(Student), 2005
YAKUT A., Development of a software for seismic damage estimation: Case studies, Postgraduate, S.KÜÇÜKÇOBAN(Student), 2004
YAKUT A., A methodology for determination of performance based design parameters, Postgraduate, U.YAZGAN(Student), 2003

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effect of Wall Size on the Rotation Capacity of Reinforced Concrete Structural Walls**
Kazaz İ., Sertkaya M., YAKUT A.
Journal of Structural Engineering (United States), vol.150, no.4, 2024 (SCI-Expanded)
- II. **Performance of RC buildings after Kahramanmaraş Earthquakes: lessons toward performance based design**
BİNİCİ B., YAKUT A., KADAŞ K., Demirel O., AKPINAR U., Canbolat A., YURTSEVEN F., ÖZTAŞKIN O., Aktas S., CANBAY E.
EARTHQUAKE ENGINEERING AND ENGINEERING VIBRATION, vol.22, no.4, pp.883-894, 2023 (SCI-Expanded)
- III. **Performance-based design optimization of steel moment frames using capacity controlled search algorithm: a comparison with force-based design approach**
Eser H., Hasançebi O., Yakut A., Gholizadeh S.
STRUCTURE AND INFRASTRUCTURE ENGINEERING, vol.1, no.1, pp.1-16, 2023 (SCI-Expanded)
- IV. **In-plane seismic performance of different infill wall systems in ductile reinforced concrete frames**
Demirel I. O., BİNİCİ B., YAKUT A.
Bulletin of Earthquake Engineering, vol.21, no.7, pp.3433-3459, 2023 (SCI-Expanded)
- V. **Identifying buildings with high collapse risk based on samos earthquake damage inventory in Izmir**
BİNİCİ B., YAKUT A., CANBAY E., Akpinar U., TUNCAY K.
BULLETIN OF EARTHQUAKE ENGINEERING, vol.20, no.14, pp.7853-7872, 2022 (SCI-Expanded)
- VI. **Performance of structures in Izmir after the Samos island earthquake**
Yakut A., Sucuoğlu H., Binici B., Canbay E., Donmez C., Ilki A., Caner A., Çelik O. C., Ay B. Ö.
BULLETIN OF EARTHQUAKE ENGINEERING, vol.20, no.14, pp.7793-7818, 2022 (SCI-Expanded)
- VII. **Seismic performance of mid-rise reinforced concrete buildings in Izmir Bayraklı after the 2020 Samos earthquake**
Demirel I. O., YAKUT A., BİNİCİ B.
Engineering Failure Analysis, vol.137, 2022 (SCI-Expanded)
- VIII. **Comparison of real and simulated records using ground motion intensity measures**
KARIM ZADEH NAGHSHINEH S., Kadas K., ASKAN GÜNDOĞAN A., YAKUT A.
Soil Dynamics and Earthquake Engineering, vol.147, 2021 (SCI-Expanded)
- IX. **Detailed Investigation of Glass Balustrade in Kashirskaya Shopping Mall Project**
Demirel I. O., YAKUT A., AKYÜZ U., Yigin H., Dikbayir H. E.
TEKNİK DERGI, vol.32, no.1, pp.10565-10575, 2021 (SCI-Expanded)
- X. **An approximate procedure for estimating the member demands in mid-rise reinforced concrete buildings**
Akpınar U., BİNİCİ B., YAKUT A., TUNCAY K.
Bulletin of Earthquake Engineering, vol.18, no.15, pp.6715-6734, 2020 (SCI-Expanded)
- XI. **Derivation of analytical fragility curves using SDOF models of masonry structures in Erzincan (Turkey)**
Karimzadeh S., Kadas K., Askan A., Erberik M. A., Yakut A.
EARTHQUAKES AND STRUCTURES, vol.18, pp.249-261, 2020 (SCI-Expanded)
- XII. **Seismic behavior and improvement of autoclaved aerated concrete infill walls**

- BİNİCİ B., CANBAY E., ALDEMİR A., Demirel I. O., Uzgan U., Eryurtlu Z., Bulbul K., YAKUT A.
ENGINEERING STRUCTURES, vol.193, pp.68-81, 2019 (SCI-Expanded)
- XIII. **Analysis of a multi-story reinforced concrete residential building damaged under its self-weight**
Korkmaz H. H., YAKUT A., Bayraktar A.
ENGINEERING FAILURE ANALYSIS, vol.98, pp.38-48, 2019 (SCI-Expanded)
- XIV. **In Situ Lateral Load Testing of a Two-Story Solid Clay Brick Masonry Building**
ALDEMİR A., BİNİCİ B., CANBAY E., YAKUT A.
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, vol.32, no.5, 2018 (SCI-Expanded)
- XV. **Evolution of seismic hazard maps in Turkey**
AKKAR D. S., EROĞLU AZAK T., Can T., Ceken U., Tumsa M. B. D., Duman T. Y., ERDİK M. Ö., ERGİNTAV S., Kadirioglu F. T., Kalafat D., et al.
Bulletin of Earthquake Engineering, vol.16, no.8, pp.3197-3228, 2018 (SCI-Expanded)
- XVI. **Ground-motion characterization for the probabilistic seismic hazard assessment in Turkey**
AKKAR D. S., Kale O., YAKUT A., Ceken U.
BULLETIN OF EARTHQUAKE ENGINEERING, vol.16, no.8, pp.3439-3463, 2018 (SCI-Expanded)
- XVII. **Seismic damage assessment based on regional synthetic ground motion dataset: a case study for Erzincan, Turkey**
Karimzadeh S., Askan A., Erberik M. A., Yakut A.
NATURAL HAZARDS, vol.92, pp.1371-1397, 2018 (SCI-Expanded)
- XVIII. **Assessment of Simulated Ground Motions for Their Use in Structural Engineering Practice; A Case Study for Duzce (Turkey)**
Karim Zadeh Naghshineh S., Askan A., Yakut A.
Pure And Applied Geophysics, vol.174, no.9, pp.3325-3329, 2017 (SCI-Expanded)
- XIX. **Seismic Performance Assessment of Masonry Buildings Using In Situ Material Properties**
Cobanoglu B., ALDEMİR A., Demirel I. O., BİNİCİ B., CANBAY E., YAKUT A.
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, vol.31, no.4, 2017 (SCI-Expanded)
- XX. **Lateral load testing of an existing two story masonry building up to near collapse**
Aldemir A., BİNİCİ B., CANBAY E., YAKUT A.
BULLETIN OF EARTHQUAKE ENGINEERING, vol.15, no.8, pp.3365-3383, 2017 (SCI-Expanded)
- XXI. **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.
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.98, pp.38-53, 2017 (SCI-Expanded)
- XXII. **Provisions for the Seismic Risk Evaluation of Existing Reinforced Concrete Buildings in Turkey under the Urban Renewal Law**
Binici B., Yakut A., Ozcebe G., Erenler A.
EARTHQUAKE SPECTRA, vol.31, no.3, pp.1353-1370, 2015 (SCI-Expanded)
- XXIII. **Vehicle effects on seismic response of a simple-span bridge during shake tests**
Shaban N. S., Caner A., Yakut A., Askan A., Naghshineh A. K., Domanic A., Can G.
Earthquake Engineering and Structural Dynamics, vol.44, no.6, pp.889-905, 2015 (SCI-Expanded)
- XXIV. **Seismic Risk Prioritization and Retrofit Cost Evaluation of Code-Deficient RC Public Buildings in Turkey**
SUCUOĞLU H., YAKUT A., Ozmen A., Kubin J.
EARTHQUAKE SPECTRA, vol.31, no.1, pp.601-614, 2015 (SCI-Expanded)
- XXV. **Seismic performance of gravity-load designed concrete frames infilled with low-strength masonry**
Siddiqui U. A., SUCUOĞLU H., YAKUT A.
EARTHQUAKES AND STRUCTURES, vol.8, no.1, pp.19-35, 2015 (SCI-Expanded)
- XXVI. **Effective flexural rigidities for ordinary reinforced concrete columns and beams**
AVŞAR Ö., BAYHAN B., YAKUT A.
STRUCTURAL DESIGN OF TALL AND SPECIAL BUILDINGS, vol.23, no.6, pp.463-482, 2014 (SCI-Expanded)
- XXVII. **Performance limits for structural walls: An analytical perspective**

- Kazaz I, GÜLKAN H. P., YAKUT A.
ENGINEERING STRUCTURES, vol.43, pp.105-119, 2012 (SCI-Expanded)
- XXVIII. **Seismic risk prioritization of residential buildings in Istanbul**
YAKUT A., SUCUOĞLU H., Akkar S.
EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.41, no.11, pp.1533-1547, 2012 (SCI-Expanded)
- XXIX. **Deformation Limits for Structural Walls with Confined Boundaries**
Kazaz I, Gulkan P, YAKUT A.
EARTHQUAKE SPECTRA, vol.28, no.3, pp.1019-1046, 2012 (SCI-Expanded)
- XXX. **Seismic vulnerability assessment criteria for RC ordinary highway bridges in Turkey**
AVŞAR Ö., YAKUT A.
STRUCTURAL ENGINEERING AND MECHANICS, vol.43, no.1, pp.127-145, 2012 (SCI-Expanded)
- XXXI. **Analytical Fragility Curves for Ordinary Highway Bridges in Turkey**
AVŞAR Ö., YAKUT A., CANER A.
EARTHQUAKE SPECTRA, vol.27, no.4, pp.971-996, 2011 (SCI-Expanded)
- XXXII. **Spectral Ground Motion Intensity Based on Capacity and Period Elongation**
Kadas K., YAKUT A., Kazaz I.
JOURNAL OF STRUCTURAL ENGINEERING-ASCE, vol.137, no.3, pp.401-409, 2011 (SCI-Expanded)
- XXXIII. **Correlation of Deformation Demands with Ground Motion Intensity**
YAKUT A., Yilmaz H.
JOURNAL OF STRUCTURAL ENGINEERING-ASCE, vol.134, no.12, pp.1818-1828, 2008 (SCI-Expanded)
- XXXIV. **Service life assessment of existing highway bridges with no planned regular inspections**
Caner A., Yanmaz A. M., Yakut A., Avşar O., Yilmaz T.
Journal of Performance of Constructed Facilities, vol.22, pp.108-114, 2008 (SCI-Expanded)
- XXXV. **Capacity related properties of RC frame buildings in Turkey**
YAKUT A.
JOURNAL OF EARTHQUAKE ENGINEERING, vol.12, pp.265-272, 2008 (SCI-Expanded)
- XXXVI. **Component damage functions for reinforced concrete frame structures**
Erduran E., Yakut A.
ENGINEERING STRUCTURES, vol.29, no.9, pp.2242-2253, 2007 (SCI-Expanded)
- XXXVII. **A screening procedure for seismic risk assessment in urban building stocks**
Sucuoglu H., Yazgan U., Yakut A.
EARTHQUAKE SPECTRA, vol.23, no.2, pp.441-458, 2007 (SCI-Expanded)
- XXXVIII. **Vulnerability assessment of reinforced concrete moment resisting frame buildings**
Erduran E., Yakut A.
JOURNAL OF STRUCTURAL ENGINEERING-ASCE, vol.133, no.4, pp.576-586, 2007 (SCI-Expanded)
- XXXIX. **Seismic vulnerability assessment using regional empirical data**
Yakut A., Ozcebe G., Yucemen M. S.
EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.35, no.10, pp.1187-1202, 2006 (SCI-Expanded)
- XL. **Seismic response assessment of a stiff structure**
Kazaz I., Yakut A., Gulkan P.
EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.35, no.6, pp.737-759, 2006 (SCI-Expanded)
- XLI. **Numerical simulation of dynamic shear wall tests: A benchmark study**
Kazaz I., Yakut A., Gulkan P.
COMPUTERS & STRUCTURES, vol.84, pp.549-562, 2006 (SCI-Expanded)
- XLII. **Reply to: Discussion of "Re-examination of damage distribution in Adapazari: Geotechnical considerations"**
Bakir B., Yilmaz M., Yakut A., Gulkan P.
ENGINEERING STRUCTURES, vol.28, no.3, pp.468, 2006 (SCI-Expanded)
- XLIII. **Displacement-based fragility functions for low- and mid-rise ordinary concrete buildings**
Akkar S., Sucuoglu H., Yakut A.
EARTHQUAKE SPECTRA, vol.21, no.4, pp.901-927, 2005 (SCI-Expanded)

- XLIV. **Re-examination of damage distribution in Adapazari: Structural considerations**
Yakut A., Gulkan P., Bakir B., Yilmaz M. T.
Engineering Structures, vol.27, no.7, pp.990-1001, 2005 (SCI-Expanded)
- XLV. **Re-examination of damage distribution in Adapazari: Geotechnical considerations**
Bakir B., Yilmaz M. T., Yakut A., Gulkan P.
Engineering Structures, vol.27, no.7, pp.1002-1013, 2005 (SCI-Expanded)
- XLVI. **Preliminary seismic performance assessment procedure for existing RC buildings**
Yakut A.
ENGINEERING STRUCTURES, vol.26, no.10, pp.1447-1461, 2004 (SCI-Expanded)
- XLVII. **Drift based damage functions for reinforced concrete columns**
Erduran E., Yakut A.
COMPUTERS & STRUCTURES, vol.82, pp.121-130, 2004 (SCI-Expanded)
- XLVIII. **Evaluation of elastomeric bearing performance at low temperatures**
Yakut A., Yura J.
JOURNAL OF STRUCTURAL ENGINEERING-ASCE, vol.128, no.8, pp.995-1002, 2002 (SCI-Expanded)
- XLIX. **Parameters influencing performance of elastomeric bearings at low temperatures**
Yakut A., Yura J.
JOURNAL OF STRUCTURAL ENGINEERING-ASCE, vol.128, no.8, pp.986-994, 2002 (SCI-Expanded)

Articles Published in Other Journals

- I. **Ülkemizdeki Riskli Yapıların Genel Özellikleri ve Deprem Performansı**
Yakut A., Binici B.
Çevre Şehir ve İklim Dergisi, vol.2, no.4, pp.220-237, 2023 (Peer-Reviewed Journal)
- II. **DOLGU DUVARLARIN DÜZLEM DIŞI YÖNDE HAVA YASTIĞI İLE DENEYİ**
DEMİREL İ. O., YAKUT A., BİNİCİ B.
Anadolu Üniversitesi Bilim Ve Teknoloji Dergisi - B Teorik Bilimler, vol.6, pp.133-140, 2018 (Peer-Reviewed Journal)
- III. **Evaluation of low-temperature test methods for elastomeric bridge bearings**
Yakut A., Yura J. A.
Journal of Bridge Engineering, vol.7, no.1, pp.50-56, 2002 (ESCI)

Books & Book Chapters

- I. **SEISMIC PERFORMANCE ASSESSMENT AND REHABILITATION OF EXISTING RC BUILDINGS IN TURKEY**
YAKUT A.
in: EUROCODES: BACKGROUND & APPLICATIONS Elaboration of maps for climatic and seismic actions for structural design with the Eurocodes, V. Rajčić, R. Apostolska, M.L. Sousa, S. Dimova, A. Pinto, Editor, JRC European Union, ISPRA, pp.159-170, 2016
- II. **Experimental and Numerical Investigation of Torsionally Irregular RC Shear Wall Buildings with Rutherford Breakers**
YAKUT A., Le Maout A., Richard B., Atanasiu G. M., Ragueneau F., Scheer S., Diler S.
in: Experimental research in Earthquake Engineering, Fabio Taucer, Roberta Apostolska, Editor, Springer, pp.307-326, 2015
- III. **Rapid Seismic Assessment Procedures for the Turkish Building Stock**
YAKUT A., ERBERİK M. A., İLKİ A., SUCUOĞLU H., AKKAR D. S.
in: Seismic Evaluation and Rehabilitation of Structures, Alper İlki, Michael N. Fardis, Editor, Springer, pp.15-35, 2014
- IV. **Binalar için Deprem Mühendisliği Temel İlkeler**

Refereed Congress / Symposium Publications in Proceedings

- I. Influence of Ground Motion Scaling Methods on Seismic Response of Bridges**
Gözütok M., YAKUT A., YILMAZ M. T.
7th International Conference on Earthquake Engineering and Seismology, 7ICEES 2023, Antalya, Turkey, 6 - 10 November 2023, vol.488 LNCE, pp.435-451
- II. Out-Of-Plane Behavior of Infill Walls Under Seismic Loads**
Aktaş S., BİNİCİ B., YAKUT A., CANBAY E.
7th International Conference on Earthquake Engineering and Seismology, 7ICEES 2023, Antalya, Turkey, 6 - 10 November 2023, vol.488 LNCE, pp.421-434
- III. Regression-based Evaluation of Novel Intensity Measures under Alternative Ground Motion Record Sets**
KADAŞ K., YAKUT A.
12th International Conference on Structural Dynamics, EURO DYN 2023, Delft, Netherlands, 2 - 05 July 2023, vol.2647
- IV. Evaluation of seismic performance measures for MDOF RC structures subjected to simulated and real ground motions**
karimzadeh s., ASKAN GÜNDOĞAN A., YAKUT A.
10th International Conference on Advanced Models and New Concepts in Concrete and Masonry Structures (Online- AMCM2020), MATEC Web Conf., Paper no: 02003, Lublin, Poland, (October 2020), Lublin, Poland, 21 October 2020, vol.323
- V. Evaluation of Observed Seismic Damage for the 1999 Duzce Earthquake, 5rd 10th International Conference on Advanced Models and New Concepts in Concrete and Masonry Structures (Online- AMCM2020), Lublin, Poland, (October 2020).**
karimzadeh s., YAKUT A., ASKAN GÜNDOĞAN A.
10th International Conference on Advanced Models and New Concepts in Concrete and Masonry Structures (Online- AMCM2020), Lublin, Poland, (October 2020), Lublin, Poland, 21 October 2020
- VI. OVERVIEW OF SEISMIC PERFORMANCE ASSESSMENT PROCEDURES FOR RC BUILDINGS IN TURKEY**
Yakut A.
5. International Conference on Earthquake Engineering and Seismology (5ICEES), Ankara, Turkey, 8 - 11 September 2019, pp.1
- VII. Seismic Assessment of Mid-Rise Reinforced Concrete Buildings by Using a Modified Stiffness Approach**
BİNİCİ B., AKPINAR U., YAKUT A., TUNCA Y K.
Australian Earthquake Engineering Society Conference 2019, 29 November - 01 December 2019
- VIII. A two-step procedure for seismic assessment of mid-rise reinforced concrete buildings**
Uğur A., BİNİCİ B., YAKUT A., TUNCA Y K., Cenikli S.
5th International Conference on Earthquake Engineering and Seismology, 8 - 11 October 2019
- IX. 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**
kadaş k., SOYSAL B. F., AKANSEL V. H., mazılıgüney l., YAKUT A.
5. International Conference on Earthquake Engineering and Seismology, 8 - 11 October 2019
- X. NEW SEISMIC ASSESSMENT METHOD FOR MASONRY BUILDINGS UNDER URBAN RENEWAL LAW**
ALDEMİR A., BİNİCİ B., YAKUT A., Varcin M. K.
5. International Conference on Earthquake Engineering and Seismology, 8 - 11 October 2019

- XI. **Site-Specific Seismic Hazard Analyses for Selected Regions In Turkey In Comparison With The New Seismic Design Code**
YAKUT A., KARIM ZADEH NAGHSHINEH S., ASKAN GÜNDOĞAN A.
5rd International Conference on Earthquake Engineering and Seismology (5ICEES), Ankara, Turkey, 8 - 11 October 2019
- XII. **Seismic Risk Assessment of School Buildings on the Basis of Recent Turkish Seismic Hazard Map**
mazılıgüney I., AKANSEL V. H., SOYSAL B. F., kadaş k., YAKUT A.
VI. International Earthquake Symposium, 25 - 27 September 2019
- XIII. **Use of Seismic Intensity Measures for Comparison of Real and Simulated Records**
KARIM ZADEH NAGHSHINEH S., Kadaş K., ASKAN GÜNDOĞAN A., YAKUT A.
VI. International Earthquake Symposium Kocaeli (IESKO 2019), Kocaeli, Turkey, 25 - 27 September 2019
- XIV. **COMPARISON OF MODELING APPROACHES FOR HIGH DAMPING RUBBER BEARINGS**
YAKUT A., AKYÜZ U., çabuk e., murota n., suzuki s.
16th world conference on seismic isolation, energy dissipation and active vibration control of structures, Saint Peter, Guernsey And Alderney, 1 - 06 July 2019
- XV. **A COMPARATIVE STUDY ON METHODS OF ANALYSES FOR SEISMICALLY ISOLATED STRUCTURES**
Özdemir S., YAKUT A., AY B. Ö.
16th world conference on seismic isolation, energy dissipation an active vibration conrol of structures, Saint Peter, Guernsey And Alderney, 1 - 06 July 2019
- XVI. **Correlation of Ground Motion Intensity Parameters with Structural Demand**
YAKUT A., KARIM ZADEH NAGHSHINEH S., Kadaş K., ASKAN GÜNDOĞAN A.
4th International Conference on Civil Environmental, Geology and Mining Engineering (ICOCEM), Trabzon, Turkey, 20 - 22 April 2019
- XVII. **COMPARISONS OF ALTERNATIVE SEISMIC INTENSITY PARAMETERS FOR SELECTED SETS OF REAL AND SIMULATED GROUND MOTION RECORDS**
Karım Zadeh Naghshimeh S., Kadas K., Askan Gündoğan A., Yakut A.
36th General Assembly of the European Seismological Commission (ESC 2018), Valletta, Malta, 2 - 07 September 2018, pp.650
- XVIII. **Seismic response of autoclaved aerated concrete masonry infill walls under in-plane and out-of-plane seismic demands**
BİNİCİ B., CANBAY E., DEMİREL İ. O., ALDEMİR A., Uzgan U., ERYURTLU Z., YAKUT A.
6th International Conference on Autoclaved Aerated Concrete, Potsdam, Germany, 3 - 06 September 2018, vol.2, pp.241-245
- XIX. **Strengthening Infilled RC Frames Against Biaxial Seismic Action**
DEMİREL İ. O., YAKUT A., BİNİCİ B.
12th fib International PhD Symposium in Civil Engineering, 29-31th August 2018, Prague, Czech Republic, Prag, Czech Republic, 29 - 31 August 2018
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