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Education Information

Doctorate, Anadolu Üniversitesi Eskişehir Devlet Mühendislik Ve Mimarlık Akademisi, İnşaat Mühendisliği Pr., Turkey
1985 - 1990

Postgraduate, University of Southern California, İnşaat Mühendisliği, United States Of America 1981 - 1983

Undergraduate, Anadolu University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 1973 - 1977

Dissertations

Doctorate, Betonarme çerçeve sistemlerin yatay yük etkisi altında düktilitelerinin araştırılması, Anadolu Üniversitesi Eskişehir Devlet Mühendislik Ve Mimarlık Akademisi, İnşaat Mühendisliği Pr., 1990

Academic Titles / Tasks

Professor, Eskişehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, İnşaat Mühendisliği Bölümü, 2015 -
Continues

Associate Professor, Eskişehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, İnşaat Mühendisliği Bölümü,
1999 - 2015

Assistant Professor, Eskişehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, İnşaat Mühendisliği Bölümü,
1993 - 1999

Assistant Professor, Anadolu University, Faculty Of Engineering, Department Of Civil Engineering, 1991 - 1993

Lecturer PhD, Anadolu University, Faculty Of Engineering, Department Of Civil Engineering, 1990 - 1991

Lecturer, Anadolu University, Faculty Of Engineering, Department Of Civil Engineering, 1985 - 1990

Academic and Administrative Experience

Eskişehir Osmangazi University, Sivrihisar Meslek Yüksekokulu, 2009 - Continues

Eskişehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, İnşaat Mühendisliği Bölümü, 1995 - 2000

Published journal articles indexed by SCI, SSCI, and AHCI

- Experimental and numerical investigation of impact behavior of reinforced concrete slab with different support conditions**

Yılmaz T., KIRAÇ N., ANIL Ö., Erdem R. T., Hoskal V.

STRUCTURAL CONCRETE, vol.21, no.6, pp.2689-2707, 2020 (SCI-Expanded)

- II. **Experimental Investigation of Impact Behaviour of RC Slab with Different Reinforcement Ratios**
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- III. **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)
- IV. **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)
- V. **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)
- VI. **Analytical and parametric investigations on lateral torsional buckling of European IPE and IPN beams**
Yilmaz T., KIRAÇ N.
INTERNATIONAL JOURNAL OF STEEL STRUCTURES, vol.17, no.2, pp.695-709, 2017 (SCI-Expanded)
- VII. **Shear strength of epoxy anchors embedded into low strength concrete**
ÇALIŞKAN DEĞİRMENCİ Ö., YILMAZ S., KAPLAN H., KIRAÇ N.
CONSTRUCTION AND BUILDING MATERIALS, vol.38, pp.723-730, 2013 (SCI-Expanded)
- VIII. **Experimental and code based study of beam-column behaviour of equal leg single-angles**
Aydin R., Dogan M., GÜNAYDIN A., GÖKDEMİR H., KIRAÇ N.
JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH, vol.67, no.5, pp.780-789, 2011 (SCI-Expanded)
- IX. **Failure of weak-storey during earthquakes**
KIRAÇ N., Dogan M., ÖZBAŞARAN H.
ENGINEERING FAILURE ANALYSIS, vol.18, no.2, pp.572-581, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Çelik Yapılarda Elastik ve Plastik Yöntem Çözümleri ve Birleşimler**
ŞENGEL H. S., KIRAÇ N.
Osmangazi Üniversitesi Mühendislik Mimarlık Fakülte Dergisi, vol.16, no.1, 2013 (Peer-Reviewed Journal)
- II. **Kimyasal Ankrajların Dayanımını Etkileyen Faktörler**
YILMAZ S., ÇALIŞKAN DEĞİRMENCİ Ö., KAPLAN H., KIRAÇ N.
Osmangazi Üniversitesi Mühendislik Mimarlık Fakülte Dergisi, vol.23, no.1, pp.123-134, 2010 (Peer-Reviewed Journal)
- III. **Betonarme Binalarda Perdelerin Davranışa Etkileri**
AKTAN S., KIRAÇ N.
Osmangazi Üniversitesi Mühendislik Mimarlık Fakülte Dergisi, 2009 (Peer-Reviewed Journal)
- IV. **Use of tensile strength in fracture resistance assessment of solidified residue**
TOPÇU İ. B., KIRAÇ N.
Turkish Jour. Eng. and Envir. Sci, vol.18, no.1, pp.75-82, 1994 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Review for Sensitivity Analyses on Isparta State Highways According to Mechanistic Empirical Pavement Design Method**
ARMAĞAN K., SALTAN M., TERZİ S., KIRAÇ N.

Techno-Science 2019, Burdur, Turkey, 14 - 16 November 2019

- II. **Estimated Dynamic Elasticity Modules Comparison of Mechanistic Empirical Design Method for a Konya State Sample**
ARMAĞAN K., SALTAN M., TERZİ S., KIRAÇ N.
The International Aluminium-Themed Engineering And Natural Sciences Conference, Seydişehir, Turkey, 4 - 06 October 2019
- III. **Dynamic Elasticity Modules Estimation with Witczak 1-37A Model of Mechanistic Empirical Design Method for a Konya State Sample**
ARMAĞAN K., SALTAN M., TERZİ S., KIRAÇ N.
The International Aluminium-Themed Engineering and Natural Sciences Conference, Seydişehir, Turkey, 4 - 06 October 2019
- IV. **Comparison of Dynamic Modulus Assignments for Isparta State Highways According to Mechanistic Empirical Pavement Design Method**
ARMAĞAN K., SALTAN M., TERZİ S., KIRAÇ N.
THE 8TH INTERNATIONAL SYMPOSIUM ON ENVIRONMENTAL VIBRATION AND TRANSPORTATION GEODYNAMICS, 26 - 28 October 2018
- V. **Dynamic Elasticity Modulus Assignment According To Mechanical Empirical Pavement Design Method On Isparta State Highways**
ARMAĞAN K., SALTAN M., TERZİ S., KIRAÇ N.
4th International Conference On Computational And Experimental Science And Engineering, 4 - 08 October 2017
- VI. **Experimental Investigation of Low Velocity Impact Behaviour of RC Two Way Slab Strengthening with CFRP Strips**
YILMAZ T., KIRAÇ N., ANIL Ö., SEZER C.
International Conference on Advances in Experimental Structural Engineering, Pavia, 6 - 08 September 2017, pp.231-241
- VII. **Lateral-Torsional Buckling of European Wide Flange I-Section Beams**
YILMAZ T., KIRAÇ N., KILIÇ T.
The 2nd International conference on Structural Engineering, New Technology and Method, 2 - 04 April 2017
- VIII. **On the Evaluation of Critical Lateral Torsional Buckling Loads of Monosymmetric Beam Columns**
YILMAZ T., KIRAÇ N.
ICCGGE 2016 : 18th International Conference on Civil, Geomechanical and Geotechnical Engineering, 21 July 2016, vol.3
- IX. **A Parametric Study on the Evaluation of Lateral Torsional Buckling of European IPE and IPN Beams**
KIRAÇ N., YILMAZ T.
Fifteenth International Conference on Civil, Structural and Environmental Engineering Computing, Prague, Czech Republic, 1 - 04 September 2015
- X. **Research of Functionality used in Historical Buildings**
KIRAÇ N., ARMAĞAN K.
Fifteenth International Conference on Civil, Structural and Environmental Engineering Computing, Prague, Czech Republic, 1 - 04 September 2015
- XI. **Methods used for Increasing Lateral Rigidity in Multi Storey Reinforced Concrete Buildings**
KIRAÇ N., SİVRİTEPE S.
Fourteenth International Conference on Civil, Structural and Environmental Engineering Computing, Cagliari, Sardinia, Italy, 3 - 06 September 2013
- XII. **Lateral Torsional Buckling of Double Angle and Tee Cantilevers A Parametric Study**
AYDIN R., ÖZBAŞARAN H., KIRAÇ N., GÜNAYDIN A.
Fourteenth International Conference on Civil, Structural and Environmental Engineering Computing, Cagliari, Sardinia, Italy, 3 - 06 September 2013
- XIII. **On the Evaluation of Critical Lateral Buckling Loads of Prismatic Steel Beams**
AYDIN R., GÜNAYDIN A., KIRAÇ N., ÖZBAŞARAN H.
Fourteenth International Conference on Civil, Structural and Environmental Engineering Computing, 3 - 06

September 2013

- XIV. **Computational Analysis for Cable Supported Structures**
KIRAÇ N., DOĞAN M.
The Ninth International Conference on Computational Structures Technology, 2 - 05 September 2008
- XV. **A Computational Analysis of Bagdadi and Hımsı Structures**
KIRAÇ N., DOĞAN M.
Ninth International Conference on the Application of Artificial Intelligence to Civil, Structural and Environmental Engineering, 18 - 21 September 2007
- XVI. **Çok Katlı Çelik Yapılarda Yatay Deplasmanın Diyagonallerle Kontrolü**
GÖNEN H., KIRAÇ N., DOĞAN M., GÜNAYDIN A.
2.Çelik Yapılar Ulusal Sempozyumu, Turkey, 10 - 11 May 2007
- XVII. **Adapazarı Vagon Fabrikası Çelik Yapısının Deprem Hasarı**
ÜNLÜOĞLU E., DOĞAN M., KIRAÇ N., YILMAZ E.
2.Çelik Yapılar Ulusal Sempozyumu, Turkey, 10 - 11 May 2007
- XVIII. **Soft Storey Behaviours in an Earthquake and Samples of İzmit**
DOĞAN M., KIRAÇ N., GÖNEN H.
MEMORIAL SYMPOSIUM ECAS 2002 Uluslararası Yapı ve Deprem Mühendisliği Sempozyumu, 14 November 2002, pp.42-49
- XIX. **Soft Storey Behaviour in an Earthquake and Samples of İzmit Düzce**
DOĞAN M., KIRAÇ N., GÖNEN H.
ECAS 2002 - International Symposium on Structural and Earthquake Engineering, 14 October 2002
- XX. **Çok Katlı Yapılarda Hareketli Yük Düzenlemesi**
ÜNLÜOĞLU E., KIRAÇ N.
Yapı Mekaniği Semineri 94, Turkey, 02 June 1994
- XXI. **Basit Mesnetli ve Ankstre Kemerlerin Stabilitesi**
KIRAÇ N., ÜNLÜOĞLU E.
Süleyman Demirel Ü. VIII. Mühendislik Haftası, Turkey, 02 May 1994
- XXII. **İnce Plaklar İçin Yeni Fonksiyoneller ve Uygulaması**
ÖZÇELİKÖRS Y., ÜNLÜOĞLU E., KIRAÇ N.
Akdeniz Ü. Isparta Müh. Fakültesi 7. Mühendislik Haftası, Turkey, 01 May 1992

Metrics

Publication: 38

Citation (WoS): 59

Citation (Scopus): 69

H-Index (WoS): 4

H-Index (Scopus): 4