

## Asst. Prof. YAĞMUR KOPRAMAN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: C-8951-2012

ScopusID: 24471786800

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### Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (Dr), Turkey 2003 - 2010

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (YI) (Tezli), Turkey 2000 - 2003

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Tuğla Dolgulu Sünek Olmayan B/A Çerçevelerin Çelik Şeritlerle Güçlendirilmesi, Gazi University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (Dr), 2010

Postgraduate, Onarılmış/Güçlendirilmiş Betonarme Kolonlarda Manto Alanının Davranışa Etkisi, Gazi University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (YI) (Tezli), 2003

### Research Areas

Mechanical, Structure

### Academic Titles / Tasks

Assistant Professor, Gazi University, Teknoloji Fakültesi, İnşaat Mühendisliği, 2012 - Continues

### Academic and Administrative Experience

Gazi University, Teknoloji Fakültesi, İnşaat Mühendisliği Bölümü, 2010 - Continues

## Advising Theses

- KOPRAMAN Y., Experimental Investigation On The Repair Potential Of Damaged Rc Shear Walls With Openings, Doctorate, A.ÖZDEMİR(Student), 2020
- KOPRAMAN Y., Tuğla duvarların çelik levha/şerit kullanılarak kesme davranışının iyileştirilmesi, Postgraduate, R.EMİR(Student), 2018
- KOPRAMAN Y., Enhancing Shear Behaviour Of Masonry Walls With Steel Sheet/Strips, Postgraduate, R.Emir(Student), 2018
- KOPRAMAN Y., Modern ve geleneksel bölme duvarların deprem performansının deneysel olarak araştırılması, Postgraduate, C.ÇAKMAK(Student), 2018
- KOPRAMAN Y., Experimental Investigation Of Earthquake Performances Of Modern And Traditional Partiton Walls, Postgraduate, C.Çakmak(Student), 2018

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Experimental investigation of RC shear walls with openings under cyclic loading repaired with externally bonded CFRP strips**  
ÖZDEMİR A., KOPRAMAN Y.  
Archives of Civil and Mechanical Engineering, vol.24, no.1, 2024 (SCI-Expanded)
- II. **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)
- III. **Prediction of capacity of reinforced concrete shear wall with multiple openings by using nonlinear finite element analysis**  
Erbaş Y., Anil Ö., Özdemir A., Koprıman Y.  
STRUCTURAL CONCRETE, vol.24, no.1, pp.680-702, 2023 (SCI-Expanded)
- IV. **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., Koprıman Y.  
MECHANICS BASED DESIGN OF STRUCTURES AND MACHINES, vol.51, no.2, 2023 (SCI-Expanded)
- V. **Experimental investigation of hysteretic behaviour of non-structural dry gypsum infill walls**  
Çakmak C., Koprıman Y., Özdemir A., Anıl Ö., Gökdemir A.  
Proceedings of the Institution of Civil Engineers: Structures and Buildings, vol.175, no.10, pp.765-780, 2022 (SCI-Expanded)
- VI. **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)
- VII. **Hysteretic behavior of retrofitted RC shear wall with different damage levels by using steel strips**  
Özdemir A., Koprıman Y., Anıl Ö.  
JOURNAL OF BUILDING ENGINEERING, vol.44, 2021 (SCI-Expanded)
- VIII. **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)
- IX. **In-plane behaviour of masonry brick walls strengthened with mortar from two sides**  
Büyükkaragöz A., Koprıman Y.  
Structures, vol.29, pp.1627-1639, 2021 (SCI-Expanded)
- X. **Strengthening of RC walls using externally bonding of steel strips**

- ALTIN S., KOPRAMAN Y., BARAN M.  
ENGINEERING STRUCTURES, vol.49, pp.686-695, 2013 (SCI-Expanded)
- XI. **Hysteretic behavior of RC shear walls strengthened with CFRP strips**  
ALTIN S., ANIL Ö., KOPRAMAN Y., Kara M. E.  
COMPOSITES PART B-ENGINEERING, vol.44, no.1, pp.321-329, 2013 (SCI-Expanded)
- XII. **Comparison of Seismic Performance of RC Frames Strengthened with Four Different Techniques**  
ALTIN S., ANIL Ö., Kara M. E., KOPRAMAN Y.  
ADVANCES IN STRUCTURAL ENGINEERING, vol.15, no.2, pp.343-357, 2012 (SCI-Expanded)
- XIII. **Retrofitting of shear damaged RC beams using diagonal CFRP strips**  
ALTIN S., ANIL Ö., Ocaklı R. O., KOPRAMAN Y.  
JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, vol.30, no.17, pp.1495-1507, 2011 (SCI-Expanded)
- XIV. **Improving Shear Capacity and Ductility of Shear-deficient RC Beams Using CFRP Strips**  
ALTIN S., ANIL Ö., KOPRAMAN Y., Mertoglu C., Kara M. E.  
JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, vol.29, no.19, pp.2975-2991, 2010 (SCI-Expanded)
- XV. **Strengthening masonry infill walls with reinforced plaster**  
Altin S., Anil Ö., KOPRAMAN Y., BELGİN Ç. M.  
Proceedings of the Institution of Civil Engineers: Structures and Buildings, vol.163, no.5, pp.331-342, 2010 (SCI-Expanded)
- XVI. **FINITE ELEMENT ANALYSIS OF JACKETED SQUARE CROSS SECTIONAL COLUMN UNDER AXIAL LOAD**  
BÜYÜKKARAGÖZ A., KOPRAMAN Y.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.23, no.2, pp.309-315, 2008 (SCI-Expanded)

## Articles Published in Other Journals

- I. **THE EFFECT OF JACKET AREA ON THE BEHAVIOR OF REPAIRED /STRENGTHENED REINFORCED CONCRETE COLUMNS**  
KOPRAMAN Y., CAN H.  
Black Sea Journal of Engineering and Science, vol.7, no.5, pp.928-938, 2024 (Peer-Reviewed Journal)
- II. **Hibrit (GFRP-Çelik) Donatılı Kirişlerde Donatı Oranının Eğilme Davranışına Etkileri**  
KAYA N., AVANOĞLU SICACIK E., ER Ş., KOPRAMAN Y., BÜYÜKKARAGÖZ A.  
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.24, pp.1109-1119, 2021 (ESCI)
- III. **Strengthening of Walls Produced From Aerated Concrete Material With Steel Fibered Concrete Panels: Experimental Study**  
BÜYÜKKARAGÖZ A., Sevil N., KOPRAMAN Y.  
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.22, no.2, pp.335-340, 2019 (ESCI)
- IV. **Gazbeton Malzemesinden Üretilmiş Duvarların Çelik Lifli Beton Panellerle Güçlendirilmesi: Deneysel Çalışma**  
BÜYÜKKARAGÖZ A., SEVİL N., KOPRAMAN Y.  
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.22, pp.335-340, 2019 (Peer-Reviewed Journal)
- V. **Research On The Shear Behaviour Of Masonry Walls Strengthened With Steel Members**  
KOPRAMAN Y., Ozmen R. E., ÖZDEMİR A., ÖZGEDİK A.  
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.21, no.2, pp.471-476, 2018 (ESCI)
- VI. **Elektro Erozyon ile İşlemede İşleme Haznesine Uygulanan Titreşimlerin Geometrik Elektrot Aşınması Üzerindeki Etkilerinin İncelenmesi**  
ÖZGEDİK A., BALCI S. M., ERDİN M. E., KOPRAMAN Y.  
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.6, no.2, pp.308-318, 2018 (Peer-Reviewed Journal)
- VII. **Betonarme Perdelerin Güçlendirilmesi İçin Bir Yöntem Deneysel Çalışma**  
ALTIN S., KOPRAMAN Y.

## Refereed Congress / Symposium Publications in Proceedings

- I. **AKŞEHİR GAZİ MUSTAFA KEMAL İLKOKULU BİNASI (PAPAZ EVİ) YAPI MALZEME ANALİZİ İLE RESTORASYON ÖNERİSİ**  
BÜLBÜL R., ÖZDEMİR A., GÖKDEMİR A., KOPRAMAN Y., ILGIN M., ILGIN M.  
KORKUT ATA BİLİMSEL ARAŞTIRMALAR KONGRESİ, Osmaniye, Turkey, 28 - 30 June 2022, pp.350-355
- II. **Experimental Investigation of Shear Stress Slip Displacement Behaviour of Between Anchored Steel Strip to Concrete Surface**  
Armakan F., ÖZDEMİR A., KOPRAMAN Y., ANIL Ö.  
2nd International Turkish World Engineering and Science Congress, 7 - 10 November 2019
- III. **Evaluation of Tensile Strength of Different Mortar and Adhesive Specimens Used in Masonry Wall Construction**  
Koprman Y., Çakmak C., Özdemir A.  
4rd International Sustainable Buildings Symposium - ISBS 2019, Texas, United States Of America, 18 - 20 July 2019, pp.697-707
- IV. **Comparison of Dry Gypsum Wall Systems in Scope of National and International Standard and Codes**  
Koprman Y., Özdemir A., Çakmak C.  
I. Uluslararası Türk Dünyası Mühendislik ve Fen Bilimleri Kongresi, Antalya, Turkey, 7 - 10 December 2017, pp.457-462
- V. **TAŞIYICI OLMAYAN KURU ALÇI DUVAR SİSTEMLERİNİN DEPREM PERFORMANSLARININ DENEYSEL OLARAK İNCELENMESİ**  
KOPRAMAN Y., ÖZDEMİR A., ANIL Ö.  
4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı - UDMSK, Turkey, 11 - 13 October 2017
- VI. **Strengthening of RC Shear Walls Using with CFRP Strips**  
ALTIN S., ANIL Ö., KOPRAMAN Y., KARA M. E.  
CICE 2016, The 8th International Conference on Fibre-Reinforced Polymer (FRP) Composites in Civil Engineering, 14 - 16 December 2016
- VII. **BOŞLUK BARINDIRAN TAŞIYICI VE DOLGU DUVARLARIN DÜZLEM İÇİ DAVRANIŞININ İRDELENMESİ**  
KOPRAMAN Y., ÖZDEMİR A.  
1st International Mediterranean Science and Engineering Congress - IMSEC 2016, Adana, Turkey, 26 - 28 October 2016, pp.794-799
- VIII. **Strengthening of RC shear walls with CFRP strips**  
ALTIN S., ANIL Ö., KOPRAMAN Y., Kara M.  
8th International Conference on Fibre-Reinforced Polymer (FRP) Composites in Civil Engineering, CICE 2016, Hong Kong, China, 14 - 16 December 2016, pp.1052-1058
- IX. **DEPREME DAYANIKLI BİNA KAPSAMINDA YAPISAL OLMAYANRİSKLER VE ÖNLEMLER**  
CAN Ö., KOPRAMAN Y., BÜYÜKKARAGÖZ A.  
8.Ulusal Deprem Mühendisliği Konferansı, Turkey, 11 - 15 May 2015
- X. **Lateral strength of masonry walls with openings Analytical Approach**  
Erdal M., Işık N. S., Can Ö., Koprman Y., Büyükkaragöz A.  
Application of Efficient & Renewable Energy Technologies in LowCost Buildings and Construction, Ankara, Turkey, 16 - 18 September 2013, pp.111-121
- XI. **Kompozit Duvarların Diyagonal Çekme Dayanımının Araştırılması**  
KOPRAMAN Y., CAN Ö., BÜYÜKKARAGÖZ A.  
4.Ulusal Yapı Mekaniği Laboratuvarları Toplantısı, Turkey, 3 - 04 May 2013
- XII. **Dolgu Duvarı Hasır Çelik Donatılı Özel Sıva İle Güçlendirilmiş Betonarme Çerçevelerin Davranışı**  
ALTIN S., ANIL Ö., KOPRAMAN Y., BELGİN Ç. M.  
7.Ulusal Deprem Mühendisliği Konferansı, İstanbul, Turkey, 30 May 2011

## Supported Projects

KOPRAMAN Y., CAN Ö., Project Supported by Higher Education Institutions, ÇELİK ELEMANLAR İLE GÜÇLENDİRİLEN TUĞLA DUVARLARIN KAYMA DAVRANIŞININ ARAŞTIRILMASI, 2012 - 2014

## Metrics

Publication: 37

Citation (WoS): 179

Citation (Scopus): 206

H-Index (WoS): 8

H-Index (Scopus): 8