

## Asst. Prof. YAĞMUR KOPRAMAN

### Personal Information

Office Phone: [+90 312 202 8890](tel:+903122028890)

Email: [yagmur@gazi.edu.tr](mailto:yagmur@gazi.edu.tr)

Web: <https://avesis.gazi.edu.tr/yagmur>

### International Researcher IDs

ScholarID: hMSPUU4AAAAJ

ORCID: 0000-0001-9552-3039

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

ScopusID: 24471786800

Yoksis Researcher ID: 113756

### 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, 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