

# YENAL TAKVA

## RES. ASST.

Email : yenaltakva@gazi.edu.tr

### International Researcher IDs

ScholarID: UWX4w-oAAAAJ

ORCID: 0000-0002-5330-2980

Publons / Web Of Science ResearcherID: GVT-8500-2022

Yoksis Researcher ID: 247631

### Learning Knowledge

Doctorate  
2019 - Continues

Gazi University, Fen Bilimleri Enstitüsü, Turkey

Postgraduate  
2016 - 2019

Gazi University, Fen Bilimleri Enstitüsü, Turkey

Undergraduate  
2011 - 2015

Van Yüzüncü Yil University, Mühendislik-Mimarlık Fakültesi, Mimarlık Bölümü,  
Turkey

### Academic Titles / Tasks

Research Assistant  
2016 - Continues

Gazi University, Mimarlık Fakültesi, Mimarlık

Research Assistant  
2015 - Continues

Van Yüzüncü Yil University, Mimarlık Ve Tasarım Fakültesi, Mimarlık Bölümü

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

1. **Optimum cost design of facade scaffoldings**

Takva Y., İlerisoy Z. Y., Gültop T., Tuna M. E.

SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, vol.48, no.2, 2023 (SCI-Expanded)

### Articles Published in Other Journals

1. **Geometric Design in Architecture: Examination of Tessellation Configurations in Structural Systems**

Takva Ç., Gökşen Takva F., Takva Y.

Periodica Polytechnica Architecture, vol.54, no.3, pp.167-176, 2023 (Peer-Reviewed Journal)

2. **Examination of Contemporary Additions Made with Adaptive Reuse of Historic Building Heritage**

Takva Y., Takva Ç., Gökşen F., İlerisoy Z. Y.

ONLINE JOURNAL OF ART AND DESIGN, vol.11, no.4, pp.124-136, 2023 (Peer-Reviewed Journal)

3. **Geometric Design in Islamic Architecture: Examination of Tessellation Configurations in Mosques**

- Takva Ç., Takva Y.  
Journal of History Culture and Art Research , vol.12, no.2, pp.1-20, 2023 (Peer-Reviewed Journal)
4. **A Contemporary House Proposal: Structural Analysis of Wood and Steel Bungalows**  
Takva Y., Takva Ç., Gökşen Takva F.  
ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH, vol.13, no.3, pp.11032-11035, 2023 (ESCI)
  5. **Sustainable Adaptive Reuse Strategy Evaluation for Cultural Heritage Buildings**  
Takva Y., Takva Ç., İlerisoy Z. Y.  
INTERNATIONAL JOURNAL OF BUILT ENVIRONMENT AND SUSTAINABILITY, no.2, pp.25-37, 2023 (ESCI)
  6. **Secondary Disasters Caused by Earthquakes and Turkey Sample**  
İlerisoy Z. Y., Gökşen F., Soyuluk A., Takva Y.  
ONLINE JOURNAL OF ART AND DESIGN, vol.10, no.2, pp.138-148, 2022 (Peer-Reviewed Journal)
  7. **Nanotechnological Developments in Structural Design: Load-Bearing Materials**  
İlerisoy Z. Y., Takva Y.  
ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH, no.5, pp.1900-1903, 2017 (ESCI)

## Books & Book Chapters

1. **STRUCTURAL APPLICATION OF GEOMETRIC PATTERNS: RECIPROCAL FRAME SYSTEMS**  
Takva Ç., Takva Y.  
in: CURRENT RESEARCH IN ARCHITECTURE, PLANNING AND DESIGN, GÜNGÖR,Sertaç, Editor, Gece Kitaplığı, Ankara, pp.67-82, 2023
2. **INVESTIGATION OF NANOTECHNOLOGICAL DEVELOPMENTS THROUGH CONCRETE MATERIAL**  
TAKVA Y., GÖKŞEN F.  
in: RESEARCH AND EVALUATIONS IN ARCHITECTURE, PLANNING AND DESIGN, PARLAK BİÇER, Özlem, Editor, Gece Kitaplığı, pp.1-16, 2023
3. **2000 YILI VE SONRASI YARIŞMA PROJELERİNDE GENİŞ AÇIKLIK PROBLEMİ: BELEDİYE HİZMET BİNALARI ÜZERİNDEN İNCELENMESİ**  
Takva Y., Takva Ç.  
in: FEN VE MÜHENDİSLİK UYGULAMALARINDA MALZEME TEMİNİ VE ÜRETİM YÖNTEMLERİ, Serkan GÜLDAL, Editor, İKSAD, Ankara, pp.191-205, 2022
4. **BASIC EXCAVATION METHODS IN BUILDING-FOUNDATION INTERACTION; TOP-DOWN METHOD IN HIGH-RISE BUILDINGS**  
Takva Ç., Takva Y.  
in: ENGINEERING FROM MACHINE LEARNING TO VIRTUAL REALITY, Merivan ŞAŞMAZ, Editor, İKSAD, Ankara, pp.139-161, 2022
5. **TEMPORARY-SHELTERING STRUCTURES AND INVESTIGATION OF THEIR REUSE AFTER DISASTER**  
Takva Ç., Top S. M., Takva Y., İlerisoy Z. Y.  
in: Barınma Kültürü, Yıldız Esra,Büyüksahin Süheyla, Editor, Necmettin Erbakan Üniversitesi Yayınları, Konya, pp.505-522, 2022
6. **TESSELLATION CONFIGURATIONS TRANSFORMING FROM ART TO STRUCTURAL DESIGN OF GRIDSHELL STRUCTURES**  
Takva Ç., Takva Y.  
in: Research & Reviews in Architecture, Planning and Design, Gülbin ÇETİNKALE DEMİRKAN,Sertaç GÜNGÖR, Editor, Gece Kitaplığı, Ankara, pp.1-18, 2022
7. **TAŞINMAZ KÜLTÜR VARLIKLARI BELGELENMESİNDE KULLANILAN RÖLÖVE YÖNTEMLERİNİN ÖRNEKLER ÜZERİNDEN DEĞERLENDİRİLMESİ**  
ÇOLAK B. B., KALAK M., TAKVA Y.  
in: MİMARLIK ALANINDA GÜNCEL ÇALIŞMALAR, Merve TUNA KAYILI, Editor, İKSAD, pp.75-99, 2019

## Refereed Congress / Symposium Publications in Proceedings

- 1. Yüksek Yapılarda Dış Destek Sistemlerin Kullanımına Yönelik Bir Değerlendirme**  
GÜNEŞ İ. S., TAKVA Y., İLERİSOY Z. Y.  
2nd International Architectural Sciences and Applications Symposium "IArcSAS-2022", Baku, Azerbaijan, 9 - 11 September 2022, pp.312-329
- 2. MODULAR SYSTEM APPLICATIONS IN HIGH-RISE BUILDINGS**  
Takva Y., İlerisoy Z. Y., Takva Ç.  
Mediterranean International Conference on Research in Applied Sciences, Antalya, Turkey, 22 April 2022, pp.399-409
- 3. INVESTIGATION OF THE SHARD TOWER WITHIN THE SCOPE OF ADVANCED CONSTRUCTION TECHNIQUES**  
Takva Ç., İlerisoy Z. Y., Takva Y.  
Mediterranean International Conference on Research in Applied Sciences, Antalya, Turkey, 22 April 2022, pp.385-398
- 4. Müze Yapılarının Sismik Tasarımı ve Taban İzolasyon Uygulamaların İncelemesi**  
TAKVA Y., İLERİSOY Z. Y.  
MIDDLE EAST INTERNATIONAL CONFERENCE ON CONTEMPORARY SCIENTIFIC STUDIES-V, Ankara, Turkey, 27 - 28 March 2021, vol.3, pp.374-385
- 5. Sismik Taban İzolasyonu Sistemlerinin Konutlarda Kullanımının İncelenmesi**  
İlerisoy Z. Y., Takva Y., Çolak B. B., Bakbak D.  
VI. ULUSLARARASI DEPREM SEMPOZYUMU, Kocaeli, Turkey, 25 - 27 September 2019, pp.611-618

## Metrics

Publication: 20  
Citation (WoS): 18  
Citation (Scopus): 2  
H-Index (WoS): 2  
H-Index (Scopus): 1

## Research Areas

Carrier Systems, Structural elements