

## Res. Asst. Hasan TAŞTAN

### Personal Information

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### International Researcher IDs

ScholarID: 287GhkMAAAAJ

ORCID: 0000-0001-6231-4388

Publons / Web Of Science ResearcherID: ABG-8997-2020

ScopusID: 57517793500

Yoksis Researcher ID: 275806

### Biography

-Architect- living in Istanbul, Turkey.

I've participated in various competitions, events and professional works.

Research Area:

Digital Technology (AR/VR/XR)

HCI in Architecture

Architectural Education

Simulation Systems in Architecture

Computational Design

### Education Information

Doctorate, Yildiz Technical University, Faculty Of Architecture, Computer Aided Architectural Design, Turkey 2018 - 2023

Postgraduate, Yildiz Technical University, Faculty Of Architecture, Bilgisayar Ortamında Mimarlık, Turkey 2016 - 2018

Undergraduate, Yildiz Technical University, Faculty Of Architecture, Mimarlık, Turkey 2008 - 2014

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

IT, ARCHICAD 22, Bilişim , GRAPHISOFT, 2019

### Dissertations

Postgraduate, MİMARİ TEMSİLDE 3 BOYUTLU ETKİLEŞİMLİ PROJEKSİYON KAPLAMA , Yıldız Teknik Üniversitesi, Faculty of Architecture, Bilgisayar Ortamında Mimarlık, 2018

## Research Areas

Architecture, Building Information, Architectural Aesthetics, Building Design, Architectural Design, Engineering and Technology

## Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Architecture, Department Of Architecture, 2018 - Continues

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

- I. **Immersive virtual reality in AECO/FM to enhance education: Systematic literature review and future directions**  
Taştan H., Tong T.  
Computer Applications in Engineering Education, vol.31, no.5, pp.1465-1491, 2023 (SCI-Expanded)
- II. **Using handheld user interface and direct manipulation for architectural modeling in immersive virtual reality: An exploratory study**  
Taştan H., Tüker C., Tong T.  
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.30, no.2, pp.415-434, 2022 (SCI-Expanded)

## Articles Published in Other Journals

- I. **A Computational Design Strategy for Integrated Façades**  
Gürcan C. G., Heyik M. A., Taştan H., Zoroğlu F.  
MEGARON, vol.18, no.1, pp.72-87, 2023 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Seismic Design in Architectural Education in Turkey**  
Er İ. E., Taştan H., Arabacıoğlu F. P.  
World Congress of Urban Studies II: Disasters, Climate Crisis, Migration and Security, İstanbul, Turkey, 30 November - 02 December 2023
- II. **Mimarlıkta Malzeme ve Detay Eğitimi için Sarmalayıcı Sanal Gerçeklik Tabanlı Ciddi Oyun Tasarımı ve Kullanılabilirliği**  
Taştan H., Tong T.  
MİMARLIKTA SAYISAL TASARIM XVI. ULUSAL SEMPOZYUMU MSTAS 2022, Eskişehir, Turkey, 24 - 26 June 2022, pp.32-41
- III. **"Studies on Ergonomics of Immersive VR as a Design Environment with a Focus on Tools and Interfaces"**  
Tüker Ç., Taştan H., Tong T.  
DESIGNING FOR INCLUSIVE LEARNING EXPERIENCE, Florence, Italy, 26 - 28 May 2019, pp.209-219
- IV. **New Ways of Design Presentation: Interactive Projection Mapping as a Presentation Tool in Architectural Design Process**  
Taştan H., Tong T.

## Supported Projects

HIZLI ERKILIÇ N., ERPAY M. Y., ULUBAY S., KARARMAZ Ö., AKTAŞ M., KESİCİ SÖYLEMEZ N., ATMACA A. B., AKÇABOZAN TAŞKIRAN A., BİLGİÇ ELMAS M., YAVUZ A., et al., Project Supported by Higher Education Institutions, Yıldız Teknik Üniversitesi Mimarlık Fakültesi için Sürdürülebilir Kurumsal Bellek Tasarımı, 2023 - Continues  
ARABACIOĞLU F. P., AYDIN E. D., TAŞTAN H., Baytöre M. M., ER İ. E., Project Supported by Higher Education Institutions, Deprem Kuşağında Bulunan Ülkelerdeki Mimarlık Okullarında Depreme Dirençlilik ve Sismik Tasarım Üzerine Eğitimin Karşılaştırmalı Olarak İncelenmesi, 2023 - 2023

## Design

Taştan H., Y.T.Ü. Yıldız Kampüsü, Arka Bahçe Çevre Düzenlemesi Tasarım/Uygulama Projesi, Environmental Design / Environmental Landscape Design Project, May 2018

## Metrics

Publication: 9

Citation (WoS): 2

Citation (Scopus): 6

H-Index (WoS): 1

H-Index (Scopus): 1