

## Res. Asst. GİZEM ÖZEROL ÖZMAN

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 2018 - Continues

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 2014 - 2018

Undergraduate, Anadolu University, Faculty Of Architecture And Design, Department Of Architecture, Turkey 2009 - 2014

### Dissertations

Postgraduate, Geleneksel Samsun evi örneğinde gerçeğin katmanlaşmasının kolektif belleğe etkisi, Istanbul Technical University, Fen Bilimleri Enstitüsü, 2018

### Academic Titles / Tasks

Research Assistant, Gazi University, Mimarlık Fakültesi, Mimarlık, 2018 - Continues

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

- I. **Hands-on Digital Design Course during the Pandemic: Moulding Design for Fabricating Small Objects**  
Özman G. Ö., Selçuk S.  
International Journal of Art and Design Education, vol.42, no.1, pp.86-107, 2023 (AHCI)

### Articles Published in Other Journals

- I. **Machine learning in the discipline of architecture: A review on the research trends between 2014 and 2020**  
Özerol G., Arslan Selçuk S.  
International Journal of Architectural Computing, vol.22, no.5, 2022 (ESCI)
- II. **The Cultural Sustainability: Merzifon Anatolia College, Turkey**  
Özerol G., Akalın A.  
Modular Journal, vol.2, no.2, pp.22-45, 2019 (Peer-Reviewed Journal)

## BOOKS & BOOK CHAPTERS

- I. **Hands-On Basics of Digital Design Education: Experiential Learning With Origami**  
ÖZDEMİR M., ÖZEROL G., ARSLAN SELÇUK S.  
in: Research and Evaluations in the Field of Architecture and Engineering, Caglar, Arzu, Editor, LAP LAMBERT Academic Publishing, pp.5-20, 2022
- II. **Generation of Architectural Drawings Through Generative Adversarial Networks (Gans): A Case on Apartment Plan Layouts**  
ÖZEROL G., ARSLAN SELÇUK S.  
in: Architectural Research: Current Studies And Future Trends,, Arslan Selçuk, Semra, Editor, Livre de Lyon, Lyon, pp.35-52, 2021

## Refereed Congress / Symposium Publications in Proceedings

- I. **Generating Mass Housing Plans Through Gans: A Case on Toki, Türkiye,**  
Özerol Özman G., Arslan Selçuk S.  
Hybrid Spaces of the Metaverse 10th ASCAAD 2022 , Bayrut, Lebanon, 12 October 2022
- II. **The Cultural Sustainability: Merzifon Anatolia College, Turkey**  
Özerol G., Akalın A.  
ICESBE (International Conference on Energy and Sustainable Built Environment), İstanbul, Turkey, 19 - 20 June 2019, pp.105-106
- III. **Bioclimatic Building Façade Design Based on Daylight Parameter an Optimization of Design Alternatives Using Genetic Algorithms: An Office Building in Ankara**  
Özerol G., Arslan Selçuk S.  
International (Bio)Climate Change Symposium 2022 – (BCCS 2022), Erzurum, Turkey, 24 - 25 March 2022
- IV. **Designing Facades Based On Daylight Parameter: A Proposal For The Production Of Complex Surface Panelization**  
Özerol G., Arslan Selçuk S.  
Architecture In The Age Of Disruptive Technologies – Transformation and Challenges, 9th International Conference of the Arab Society for Computer Aided Architectural Design (ASCAAD 2021), Cairo, Egypt, 2 - 04 March 2021

## Supported Projects

Arslan Selçuk S., Mutlu Avinç G., Coşkun A., Özdemir M., Özerol Özman G., Erasmus Project, Empowering Youth Work Towards the European Green Deal (ERASMUS Gençlik Programı KA2 Stratejik Ortaklıklar AB Projesi), 2022 - 2024

## Metrics

Publication: 10