

## Res. Asst. PhD FULYA ATARER

### Personal Information

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### International Researcher IDs

ORCID: 0000-0001-9728-6719

Publons / Web Of Science ResearcherID: HHS-5939-2022

Yoksis Researcher ID: 103547

### Education Information

Doctorate, Izmir Institute Of Technology, Faculty Of Architecture, Department Of Architecture (English), Turkey 2015 - 2022

Postgraduate, Izmir Institute Of Technology, Faculty Of Architecture, Department Of Architecture (English), Turkey 2010 - 2015

Undergraduate, Suleyman Demirel University, Mimarlık Fakültesi, Mimarlık, Turkey 2006 - 2010

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, ALTMANN LINKAGE NETWORKS AND LIGHT-SHELF APPLICATION WITH A SINGLE LINKAGE, Izmir Institute Of Technology, Faculty Of Architecture, Department Of Architecture (English), 2022

Postgraduate, Design of A Reconfigurable Deployable Structures for Temporary Housing, Izmir Institute Of Technology, Faculty Of Architecture, Department Of Architecture (English), 2015

### Research Areas

Mechanisms, Carrier Systems, Structural elements

### Academic Titles / Tasks

Research Assistant PhD, Erciyes University, Mimarlık Fakültesi, Mimarlık, 2022 - Continues

Research Assistant, Izmir Institute Of Technology, Faculty Of Architecture, Department Of Architecture (English), 2015 - 2022

Research Assistant, Erciyes University, Mimarlık Fakültesi, Mimarlık, 2013 - 2015

### Articles Published in Other Journals

## ARTICLES PUBLISHED IN OTHER JOURNALS

- I. **Design Alternatives of Light Shelves using Altmann Linkage**  
ATARER F., Kazanasmaz Z. T., Korkmaz K., Kiper G.  
Journal of Daylighting, vol.11, no.2, pp.391-407, 2024 (Scopus)
- II. **Design alternatives of network of Altmann linkages**  
Atarer F., Korkmaz K., Kiper G.  
International Journal of Computational Methods and Experimental Measurements, vol.5, no.4, pp.495-503, 2017 (Scopus)
- III. **Hareketli Çift Eğrilikli Çizel Yüzeylerin Tasarımı**  
Susam G., GÜRCÜ F., Korkmaz K.  
EGE MİMARLIK, no.82, pp.32-35, 2012 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Towards Net-Zero: A Comprehensive Data-Driven Framework of Circular Economy Principles in Architectural Design**  
Sevindik S., Akgün A., Şahin N., Bayram Ö. F., Atarer F.  
8th International Tokyo Conference on Innovative Studies Of Contemporary Sciences, Tokyo, Japan, 12 January 2024, pp.12-13
- II. **Sustainable Workforce in the Construction Industry: A Comprehensive Examination of Architects' and Engineers' Perspectives**  
Akgün A., Sevindik S., Bayram Ö. F., Atarer F., Şahin N.  
8th International Tokyo Conference on Innovative Studies of Contemporary Sciences, Tokyo, Japan, 12 January 2024, pp.10-11
- III. **The architectural application of Altmann linkage as a light shelf**  
Atarer F., Kazanasmaz Z. T., Korkmaz K., Kiper G.  
ATI International Symposium, İzmir, Turkey, 26 - 28 August 2020, pp.170-182
- IV. **Design of A Light Shelf with the Altmann Linkage**  
Atarer F., Kazanasmaz Z. T., Korkmaz K.  
ICBEST Interdisciplinary Perspectives For Future Building Envelopes, İstanbul, Turkey, 15 - 18 May 2017, pp.14-24
- V. **Kinematic Design of a Reconfigurable Deployable Canopy**  
Kiper G., ATARER F., Korkmaz K., Söylemez E.  
eucomes 2014, Guimaraes, Portugal, 16 September - 20 October 2014, pp.167-174
- VI. **Design of A Reconfigurable Deployable Structure**  
GÜRCÜ F., Korkmaz K., Kiper G.  
Transformables2013, Seville, Spain, 1 - 04 September 2013, pp.145-149

## Supported Projects

Sevindik S., Akgün A., Atarer F., Bayram Ö. F., Pekdoğan T., Genç R., TUBITAK Project, From Temporary Shelter to Permanent Solutions: Transformation of Post-Disaster Containers and Reuse Strategies, 2024 - 2026  
Korkmaz K., Atarer F., Kazanasmaz Z. T., Project Supported by Higher Education Institutions, Design and Performance Analysis of Light Shelves using Altmann Mechanism, 2018 - 2021

## Patent

Atarer F., Korkmaz K., ALTMANN MEKANİZMASI İLE BİÇİM DEĞİŞTİREBİLEN KAFES SİSTEMİ, Patent, CHAPTER A Human Needs, The Invention Registration Number: 2022 013891 , Standard Registration, 2024  
Atarer F., Korkmaz K., Kiper G., Reconfigurable Deployable Structure System, Patent, CHAPTER A Human Needs, The

Invention Registration Number: TR 2014 10892 A1 , Standard Registration, 2018

## **Scientific Refereeing**

Journal of Daylighting, Other Indexed Journal, July 2024

## **Metrics**

Publication: 10

Citation (Scopus): 4

H-Index (Scopus): 1

## **Congress and Symposium Activities**

ATI International Symposium (Smart Buildings, Smart Cities), Panelists, İzmir, Turkey, 2020

ICBEST (Interdisciplinary Perspectives For Future Building Envelopes), Panelists, İstanbul, Turkey, 2017

Transformables2013, Attendee, Sevilla, Spain, 2013