

Personal Information

Other Email: abatmaca@yildiz.edu.tr

Web: <https://avesis.bozok.edu.tr/1127>

International Researcher IDs

ScholarID: JKgDhsoAAAAJ

ORCID: 0000-0001-5907-3878

Publons / Web Of Science ResearcherID: AAZ-6838-2020

ScopusID: 57208644223

Yoksis Researcher ID: 218283

Education Information

Doctorate, Yildiz Technical University, Faculty Of Architecture, Department Of Architecture, Turkey 2017 - Continues

Postgraduate, Yildiz Technical University, Faculty Of Architecture, Department Of Architecture, Turkey 2015 - 2017

Undergraduate, Trakya University, Mimarlık Fakültesi, Mimarlık Bölümü, Turkey 2009 - 2013

Dissertations

Postgraduate, Dini yapıların ısı konfor ve enerji tüketimi açısından incelenmesi ve değerlendirilmesi: Marmara İlahiyat Cami ve Hz. Ali Cami örnekleri, Yildiz Technical University, Faculty Of Architecture, Department Of Architecture, 2017

Research Areas

Architecture, Physical Urban Protection

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Development of energy efficient design proposals for air conditioned mosques: Temperate humid climate case**
ATMACA A. B., ZORER GEDİK G.
Heliyon, vol.9, no.10, 2023 (SCI-Expanded)
- II. **Comparison of different thermal comfort models: mosque and church cases**
ATMACA A. B., ZORER GEDİK G., Wagner A., Schweiker M.
Architectural Science Review, 2023 (AHCI)
- III. **A method for determining and improving the visual comfort change in strengthened buildings: educational building-the example of classroom Güçlendirme yapılan binalarda görsel konfor değişiminin saptanması ve iyileştirilmesi için bir yöntem: eğitim binası-derslik örneği**
ATMACA A. B., ZOROĞLU F., ÜNVER F. R., ZORER GEDİK G.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.37, no.4, pp.1915-1930, 2022 (SCI-Expanded)
- IV. **Determination of optimum envelope of religious buildings in terms of thermal comfort and energy consumption: Mosque cases**

ATMACA A. B., ZORER GEDİK G., Wagner A.

Energies, vol.14, no.20, 2021 (SCI-Expanded)

V. **Determination of thermal comfort of religious buildings by measurement and survey methods: Examples of mosques in a temperate-humid climate**

ATMACA A. B., ZORER GEDİK G.

Journal of Building Engineering, vol.30, 2020 (SCI-Expanded)

VI. **Evaluation of mosques in terms of thermal comfort and energy consumption in a temperate-humid climate**

ATMACA A. B., ZORER GEDİK G.

Energy and Buildings, vol.195, pp.195-204, 2019 (SCI-Expanded)

Articles Published in Other Journals

I. **Determination of Thermal Comfort Conditions of An Educational Building in Temperate - Humid Climate**

ZOROĞLU F., Hasmaden F., ATMACA A. B., ZORER GEDİK G.

Modular Journal, vol.2, no.2, pp.46-57, 2019 (Peer-Reviewed Journal)

II. **Çocuk Merkezli Afet Yönetimi**

LİMONCU S., ATMACA A. B.

MEGARON, vol.13, no.1, pp.132-143, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

I. **The Impact of Transparency Ratio on Visual Comfort: A Field Study on Educational Building**

ZOROĞLU F., ATMACA A. B., ZORER GEDİK G.

in: New Approaches in Contemporary Architecture and Urbanism, Hourakhsh Ahmad Nia, Editor, Cinius Yayınları, pp.5-60, 2020

Refereed Congress / Symposium Publications in Proceedings

I. **Investigation of Passive Design Criteria in terms of Thermal Comfort and Energy Consumption for Mosques: Istanbul Case**

ATMACA A. B., ZORER GEDİK G.

6th International Conference of Contemporary Affairs in Architecture and Urbanism, İstanbul, Turkey, 14 - 15 June 2023, vol.6, pp.262-272

II. **The Impact of Transparency Ratio on Visual Comfort: The Case Study of an Educational Building in Istanbul**

ZOROĞLU F., ATMACA A. B., ZORER GEDİK G.

International Conference of Contemporary Affairs in Architecture and Urbanism (ICCAUA-2020), Turkey, 6 - 08 May 2020, pp.5

III. **Determination of Thermal Comfort Conditions of An Educational Building in Temperate - Humid Climate**

ZOROĞLU F., Hasmaden F., ATMACA A. B., ZORER GEDİK G.

International Conference on Energy and Sustainable Built Environment (ICESBE 2019), İstanbul, Turkey, 19 - 20 June 2019

IV. **ÇEVRESEL SÜRDÜRÜLEBİLİRLİK KAPSAMINDA KONUTTA ISIL KONFORUN SAĞLANMASI VE ENERJİ TÜKETİMİNİN AZALTILMASI**

ZOROĞLU F., ATMACA A. B., ZORER GEDİK G.

İstanbul 1. Konut Kurultayı Güvenli Yaşam Alanları ve Erişilebilir Konut, Turkey, 10 - 11 May 2018

V. Eğitim Binalarında İşıtsel, Görsel ve Isıl Konfor Açısından Yapı Kabuğu Değerlendirmesi: Bir Ortaöğretim Okulu Örneği

ATMACA A. B., AKDAĞ N., ÜNVER F. R., ZORER GEDİK G.

3. Ulusal Yapı Fiziği ve Çevre Kontrolü Kongresi, İstanbul, Turkey, 10 - 11 May 2018, pp.15-24

VI. Determining Heat Losses and Heat Gains Through The Building Envelope of The Mosques

ATMACA A. B., ZORER GEDİK G.

International Research Conference on Sustainable Energy, Engineering, Materials and Environment Conference, Newcastle, Australia, 26 - 28 July 2017, pp.270-277

VII. Dini Yapıların Isıl Konforunun İncelenmesi: Marmara İlahiyat Cami ve Hz. Ali Cami Örneklemeleri

ATMACA A. B., ZORER GEDİK G.

13. Ulusal Tesisat Mühendisliği Kongresi, İzmir, Turkey, 19 April - 22 February 2017, vol.1, pp.1253-1262

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Publication: 16

Citation (Scopus): 53

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