

Personal Information

Email: heser@metu.edu.tr

Web: <https://avesis.metu.edu.tr/heser>

International Researcher IDs

ScholarID: 8u5W8ecAAAAJ

ORCID: 0000-0001-8527-020X

Publons / Web Of Science ResearcherID: HKV-8653-2023

ScopusID: 56367419300

Yoksis Researcher ID: 158002

Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 2015 - 2021

Postgraduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 2011 - 2014

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 2007 - 2011

Foreign Languages

English, C1 Advanced

Research Areas

Structural Engineering, Steel Structures, Performance of Constructed Facilities, Earthquake Engineering, Materials in Civil Engineering, Concrete Technology

Academic Titles / Tasks

Lecturer PhD, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2022 - Continues

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2011 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Performance-based design optimization of steel moment frames using capacity controlled search algorithm: a comparison with force-based design approach**
Eser H., Hasançebi O., Yakut A., Gholizadeh S.
STRUCTURE AND INFRASTRUCTURE ENGINEERING, vol.1, no.1, pp.1-16, 2023 (SCI-Expanded)
- II. **Capacity controlled search: A new and efficient design-driven method for discrete size optimization**

of steel frames

ESER H., HASANÇEBİ O.

Computers and Structures, vol.275, 2023 (SCI-Expanded)

III. Seismic collapse safety based optimization of steel Moment-Resisting frames

Gholizadeh S., HASANÇEBİ O., ESER H., KOÇKAYA O.

STRUCTURES, vol.45, pp.329-342, 2022 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. A Comparison of Optimal Force-Based and Performance-Based Designs for a Planar Ordinary Moment-Resisting Steel Frame

Eser H., Hasançebi O.

International Conference on AI and Big Data in Engineering Applications, İstanbul, Turkey, 14 June 2021, pp.77-91

II. Ham perlit agregası ve yüksek hacimde perlit tozu içeren kendiliğinden yerleşen yüksek performanslı hafif beton

ESER H., TURANLI L.

9. Ulusal Beton Kongresi, Antalya, Turkey, 16 - 18 April 2015

Metrics

Publication: 5

Citation (WoS): 7

Citation (Scopus): 7

H-Index (WoS): 1

H-Index (Scopus): 1

Awards

Eser H., Seçkiner S., Winner of ISCSO 2022, Bright Optimizer: International Student Competition In Structural Optimization , December 2022

Eser H., Seçkiner S., Winner of ISCSO 2021, Bright Optimizer: International Student Competition In Structural Optimization, December 2021