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International Researcher IDs

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Education Information

Doctorate, University of Sheffield, Civil and Structural Engineering, England 2018 - 2022

Postgraduate, University of Birmingham, Structural Engineering, England 2016 - 2017

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 2014 - 2017

Undergraduate, Istanbul Technical University, Turkey 2011 - 2014

Research Areas

Steel Structures, Performance of Constructed Facilities, Earthquake Engineering, Concrete Structures, Building Components and Materials, Composite materials

Academic Titles / Tasks

Lecturer, Recep Tayyip Erdogan University, Mühendislik Ve Mimarlık Fakültesi, İnşaat Mühendisliği, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Capacity and Behavior of Sheathed Cold-Formed Steel Stud Walls under Outward Flexural Loading**
Yilmaz F., Becque J., Mojtabaei S. M., Hajirasouliha I.
JOURNAL OF STRUCTURAL ENGINEERING, vol.151, no.1, pp.1, 2025 (SCI-Expanded)
- II. **Serviceability fragility assessment of non-seismically designed railway viaducts in Turkey under near-field and far-field earthquakes**
Özakgöl K., Yılmaz M. F., YILMAZ F., Çağlayan B. Ö., Hajirasouliha I.
Structures, vol.68, 2024 (SCI-Expanded)
- III. **Experimental investigation of the behaviour and capacity of sheathed cold-formed steel stud walls under inward flexural loading**
YILMAZ F., Becque J., Mojtabaei S. M., Hajirasouliha I.
THIN-WALLED STRUCTURES, vol.192, 2023 (SCI-Expanded)
- IV. **Behaviour and performance of OSB-sheathed cold-formed steel stud wall panels under combined vertical and seismic loading**
YILMAZ F., Mojtabaei S. M., Hajirasouliha I., Becque J.
THIN-WALLED STRUCTURES, vol.183, 2023 (SCI-Expanded)

Articles Published in Other Journals

I. Lateral performance of cold-formed steel OSB-sheathed stud wall panels

Mojtabaei S. M., Yilmaz F., Becque J., Hajirasouliha I.

CANADIAN JOURNAL OF INFORMATION AND LIBRARY SCIENCE/REVUE CANADIENNE DES SCIENCES DE L'INFORMATION ET DE BIBLIOTHECONOMIE, vol.6, pp.1965-1971, 2023 (Conference Book)

Refereed Congress / Symposium Publications in Proceedings

I. EXPERIMENTAL INVESTIGATION OF THE BEHAVIOUR AND CAPACITY OF SHEATHED COLD-FORMED STEEL STUD WALLS UNDER INWARD FLEXURAL LOADING

Yilmaz F.

Ninth International Conference on THIN-WALLED STRUCTURES, ICTWS2023, Sydney, Australia, Nov 29 – Dec 1, 2023, Sydney, Australia, 29 November 2023, pp.1

II. Behaviour of fasteners in sheathed cold-formed steel studs under push-out, pull-out and rotational actions

Yilmaz F.

CFSRC Colloquium 2022, Maryland, United States Of America, 17 October 2022, pp.1

Metrics

Publication: 7

Citation (WoS): 20

Citation (Scopus): 24

H-Index (WoS): 2

H-Index (Scopus): 2