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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAU-4142-2020

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Education Information

Doctorate, University of California, Berkeley, United States Of America 2014 - 2018

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 2012 - 2014

Undergraduate, Istanbul Technical University, Turkey 2008 - 2012

Research Areas

Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Istanbul Technical University, Gemi İnşaatı Ve Deniz Bilimleri, Gemi İnşaatı Ve Gemi Makinaları Mühendisliği, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Modeling and numerical investigation of damage behavior in pantographic layers using a hemivariational formulation adapted for a Hencky-type discrete model**
Yildizdag M. E., Placidi L., Turco E.
CONTINUUM MECHANICS AND THERMODYNAMICS, vol.35, no.4, pp.1481-1494, 2023 (SCI-Expanded)
- II. **A PSO-based computational framework to design active noise cancelation systems for smart vehicle enclosures**
Porghoveh M., Shirazi K. H., Messia A., Yildizdag M. E.
MATHEMATICS AND MECHANICS OF SOLIDS, vol.27, no.10, pp.2073-2084, 2022 (SCI-Expanded)
- III. **Out-of-plane deformation reduction via inelastic hinges in fibrous metamaterials and simplified damage approach**
Spagnuolo M., Yildizdag M. E., Pinelli X., Cazzani A., Hild F.
MATHEMATICS AND MECHANICS OF SOLIDS, vol.27, no.6, pp.1011-1031, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **Linear Vibration Analysis of Clamped Vertical Rectangular Plates Partially Submerged into Fluid by**

IGAFEM – IGABEM Approach

ARDIÇ İ. T., Yıldızdağ M. E., ERGİN A.

Gemi ve Deniz Teknolojisi Dergisi, 2019 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Structural Analysis of Composite Laminates by NURBS-Based Isogeometric Multipatch Discontinuous Galerkin Approach

ARDIÇ İ. T., Yıldızdağ M. E., ERGİN A.

Asian-Pacific Technical Exchange and Advisory Meeting on Marine Structures, 14 - 17 October 2019

II. Experimental Measurements of Dynamic Response Characteristics of a Horizontal Circular Cylindrical Shell in Contact with Fluid

ARDIÇ İ. T., Yıldızdağ M. E., ERGİN A.

Asian-Pacific Technical Exchange and Advisory Meeting on Marine Structures, 14 - 17 October 2019

Metrics

Publication: 34

Citation (WoS): 266

Citation (Scopus): 401

H-Index (WoS): 9

H-Index (Scopus): 11