

Personal Information

Email: ugurcan@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/ugurcan>

International Researcher IDs

ScholarID: NEV4X4oAAAAJ

ORCID: 0000-0002-2641-7395

ScopusID: 57219261271

Yoksis Researcher ID: 298142

Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Gemi İnşaatı ve Gemi Makinaları Mühendisliği , Turkey
2019 - Continues

Postgraduate, Istanbul Technical University, Gemi İnşaatı Ve Deniz Bilimleri, Gemi İnşaatı Ve Gemi Makinaları
Mühendisliği, Turkey 2016 - 2019

Undergraduate, Yıldız Technical University, Naval Architecture And Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri
Mühendisliği , Turkey 2011 - 2016

Dissertations

Postgraduate, Gemi Toplam Direncinin Telfer ve Hesaplamalı Akışkanlar Dinamiği Yöntemi ile Hesaplanması, Istanbul
Technical University, Faculty of Education, Department of Physical Education, 2019

Research Areas

Naval Architecture and Marine Engineering, Ship Hydromechanics, Ship Construction

Academic Titles / Tasks

Research Assistant, Yıldız Technical University, Naval Architecture And Maritime Faculty, Gemi İnşaatı Ve Gemi
Makineleri Mühendisliği , 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Prediction of drag and lift forces of a high-speed vessel at full scale by CFD-based GEOSIM method**
CAN U., Bal Ş.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART M-JOURNAL OF ENGINEERING FOR THE
MARITIME ENVIRONMENT, vol.236, no.4, pp.1082-1097, 2022 (SCI-Expanded)
- II. **Prediction of Resistance and Self-Propulsion Characteristics of a Full-Scale Naval Ship by CFD-Based
GEOSIM Method**
Delen C., CAN U., Bal Ş.

JOURNAL OF SHIP RESEARCH, vol.65, no.4, pp.346-361, 2021 (SCI-Expanded)

- III. **Effective wake estimation of KCS hull at full-scale by GEOSIM method based on CFD**
Can U., Delen C., Bal Ş.
Ocean Engineering, vol.218, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **Prediction of nominal wake of a semi-displacement high-speed vessel at full scale**
CAN U., BAL Ş.
OCEAN SYSTEMS ENGINEERING-AN INTERNATIONAL JOURNAL, vol.12, no.2, pp.143-157, 2022 (ESCI)
- II. **Gemi Direncinin Telfer Yöntemi ve Hesaplamalı Akışkanlar Dinamiği ile İncelenmesi**
CAN U., BAL Ş.
Gemi ve Deniz Teknolojisi, no.215, 2019 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **NOMINAL WAKE FRACTION OF A SEMI-DISPLACEMENT TYPE HIGH-SPEED VESSEL AT FULL SCALE**
CAN U., BAL Ş.
2nd International Congress on Ship and Marine Technology, İstanbul, Turkey, 16 - 18 September 2021
- II. **URANS SIMULATIONS OF FREE SURFACE PIERCING NACA 0024 HYDROFOIL**
Gönüleri R. K., Çoşgun T., Can U., Yurtseven A., Vardar N.
5th International Conference on Advances in Mechanical Engineering (ICAME 2019), İstanbul, Turkey, 17 - 19 December 2020
- III. **On the form factor prediction of a displacement type vessel JBC case**
Can U., Topal İ. H., Doğrul A., Çoşgun T., Vardar N.
International Conference on Advances in Mechanical Engineering (ICAME 2016), İstanbul, Turkey, 10 - 13 May 2016

Metrics

Publication: 8

Citation (WoS): 5

H-Index (WoS): 1