

Personal Information

Email: emrek@yildiz.edu.tr

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

International Researcher IDs

ScholarID: quvEhb0AAAAJ

ORCID: 0000-0002-3646-1170

Publons / Web Of Science ResearcherID: ABB-6517-2020

ScopusID: 57202116988

Yoksis Researcher ID: 12247

Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Gemi İnşaatı Ve Gemi Makinaları Mühendisliği, Turkey 2015 - 2021

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Gemi İnşaatı Ve Gemi Makinaları Mühendisliği, Turkey 2012 - 2015

Undergraduate, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Naval Architecture And Marine Engineering, Turkey 2008 - 2012

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Kayıcı Teknelerde Denizciliğin Sayısal Olarak İncelenmesi, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, 2021

Postgraduate, Askeri Gemilerin Dalgalı Deniz Durumunda Hasarlı ve Hasarsız Stabilite Analizi, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, 2015

Research Areas

Naval Architecture and Marine Engineering, Ship Hydromechanics, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Naval Architecture And Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, 2014 - Continues

Research Assistant, Izmir Katip Celebi University, Faculty Of Shipbuilding And Marine Sciences, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, 2013 - 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A RANS approach for transfer function plot based on discrete fourier transform**
ÇAKICI F., Kahramanoğlu E.
SHIPS AND OFFSHORE STRUCTURES, vol.17, no.5, pp.1075-1086, 2022 (SCI-Expanded)
- II. **Numerical evaluation of hydrodynamic characteristics of planing hulls by using a hybrid method**
Kahramanoğlu E., Pennino S., YILMAZ H.
Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, vol.235, no.2, pp.344-355, 2021 (SCI-Expanded)
- III. **Numerical roll damping prediction of a planing hull**
Kahramanoğlu E., Yildiz B., Çakıcı F., Yilmaz H.
SHIPS AND OFFSHORE STRUCTURES, vol.16, no.4, pp.363-372, 2021 (SCI-Expanded)
- IV. **Numerical prediction of interference factor in motions and added resistance for Delft catamaran**
372
Doğrul A., KAHRAMANOĞLU E., ÇAKICI F.
Ocean Engineering, vol.223, 2021 (SCI-Expanded)
- V. **Numerical Prediction of the Vertical Responses of Planing Hulls in Regular Head Waves**
KAHRAMANOĞLU E., ÇAKICI F., Dogrul A.
JOURNAL OF MARINE SCIENCE AND ENGINEERING, vol.8, no.6, 2020 (SCI-Expanded)
- VI. **Vertical motions prediction in irregular waves using a time domain approach for hard chine displacement hull**
Begovic E., Bertorello C., Çakıcı F., Kahramanoğlu E., Rinauro B.
Journal of Marine Science and Engineering, vol.8, 2020 (SCI-Expanded)
- VII. **A new URANS based approach on the prediction of vertical motions of a surface combatant in head waves**
Çakıcı F., Kahramanoğlu E., Duman S., Alkan A. D.
OCEAN ENGINEERING, vol.162, pp.21-33, 2018 (SCI-Expanded)
- VIII. **NUMERICAL PREDICTION OF VERTICAL SHIP MOTIONS AND ADDED RESISTANCE**
Çakıcı F., Kahramanoğlu E., Alkan A. D.
INTERNATIONAL JOURNAL OF MARITIME ENGINEERING, vol.159, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Computational fluid dynamics analyses on the hydrodynamic entry length in internal flows**
Kahramanoğlu E., Sezen S., Bayraktar S.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.23, no.4, pp.373-377, 2017 (ESCI)
- II. **BİR BALIKÇI GEMİSİ FORMU İÇİN DÖNME VE ZİG-ZAG TESTİ SİMÜLASYONU**
ÇAKICI F., KAHRAMANOĞLU E.
Gemi ve Deniz Teknolojisi Dergisi, no.208, pp.62-70, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Numerical Investigation of Fridsma Hull**
Cansız M. Y., Kahramanoğlu E., Bayraktar S.
1st International Symposium on Graduate Research in Science: Focus on Entrepreneurship and Innovation, İstanbul, Turkey, 04 October 2018, vol.1, no.1, pp.1-5
- II. **Numerical Calculations of Resistance and Running Attitude of a Planing Hull**
KAHRAMANOĞLU E., YILDIZ B., YILMAZ H.
INT NAM 2018, İstanbul, Turkey, 24 April 2018, pp.583-594
- III. **Computational Prediction of Hydrodynamic Coefficients for Heave Motion**

Çakıcı F., Kahramanoğlu E., Duman S., Alkan A. D.

INT-NAM 2018, İstanbul, Turkey, 24 April 2018, pp.1-14

IV. NUMERICAL AND EXPERIMENTAL PREDICTION OF ROLL DAMPING FOR A HIGH-SPEED PLANING HULL

Yıldız B., Kahramanoğlu E., Çakıcı F., Katayama T.

The 11th High Speed Marine Vehicles Symposium, Naples, Italy, 25 October 2017, pp.179-185

V. On The Uncertainty Analysis of DTMB5405 for Form Factor Prediction

DUMAN S., DOĞRUL A., KAHRAMANOĞLU E.

II. Global International Conference on Innovation in Marine Technology and the Future of Maritime Transportation, 24 - 25 October 2016

VI. A PARAMETRIC STUDY ABOUT THE EFFECTS OF WAVES ON INTACT AND DAMAGED STABILITY

Kahramanoğlu E., Yılmaz H.

GMC 2016, Muğla, Turkey, 24 - 25 October 2016, pp.1-10

VII. Shipping Emissions and sample annual emission estimation

KAHRAMANOĞLU E., ÖZSARI İ., BİLGİLİ L., ÇELEBİ U. B.

International Conference on Advances in Mechanical Engineering (ICAME'16), İstanbul, Turkey, 10 May 2016, pp.1321

VIII. Comparative Stability Analysis of a Frigate According to the Different Navy Rules in Waves

KAHRAMANOĞLU E., YILMAZ H., YILDIZ B.

12th International Conference on the Stability of, Ships and Ocean Vehicles, Glasgow, United Kingdom, 15 June 2015, pp.859-877

Supported Projects

ALKAN A. D., KAHRAMANOĞLU E., KINACI Ö. K., ÇAKICI F., Project Supported by Higher Education Institutions, Bir gemi formunun düzenli dalgalarındaki hareketlerinin farklı matematiksel yöntemlerle incelenmesi, 2015 - 2017

Metrics

Publication: 18

Citation (WoS): 27

Citation (Scopus): 49

H-Index (WoS): 4

H-Index (Scopus): 5

Congress and Symposium Activities

3rd International Symposium on Naval Architecture and Maritime (INT-NAM), Attendee, İstanbul, Turkey, 2018

11th Symposium on High Speed Marine Vehicles, Attendee, Naples, Italy, 2017

II. Global International Conference on Innovation in Marine Technology and the Future of Maritime Transportation, Attendee, Muğla, Turkey, 2016

2nd International Symposium on Naval Architecture and Maritime (INT-NAM), Attendee, İstanbul, Turkey, 2014

Scholarships

Doktora Sırası Yurt Dışı Araştırma Bursu, TUBITAK, 2018 - 2019

Yurtiçi Doktora Bursu, TUBITAK, 2016 - 2019

Yurtiçi Yüksek Lisans Bursu, TUBITAK, 2013 - 2015