

Res. Asst. Sarih SARI

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAZ-9128-2020

Yoksis Researcher ID: 282734

Education Information

Doctorate, Yildiz Technical University, Naval Architecture And Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği Bölümü, Turkey 2019 - Continues

Postgraduate, Yildiz Technical University, Naval Architecture And Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği Bölümü, Turkey 2016 - 2019

Undergraduate, Yildiz Technical University, Naval Architecture And Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği Bölümü, Turkey 2011 - 2015

Dissertations

Postgraduate, 9-20 m Boy Aralığında Salmalı Yatların Parametrik Yelken Analizleri, Yıldız Teknik Üniversitesi, Naval Architecture and Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği Bölümü, 2019

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, Department Of Naval Architecture And Marine Engineering, 2018 - Continues

Academic and Administrative Experience

Erasmus Program Department Coordinator, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Naval Architecture And Marine Engineering, 2024 - Continues

Mevlana Exchange Program Department Coordinator, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Naval Architecture And Marine Engineering, 2024 - Continues

Farabi Program Department Coordinator, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Naval Architecture And Marine Engineering, 2024 - Continues

Internship Committee Member, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Naval Architecture And Marine Engineering, 2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Airwake Characteristics of NATO-Generic Destroyer: A Numerical Study**
Sarı S., Doğrul A., Bayraktar S.
JOURNAL OF APPLIED FLUID MECHANICS, vol.18, no.1, pp.112-130, 2025 (SCI-Expanded)

Articles Published in Other Journals

- I. **Numerical investigation of free rotor aerodynamics**
Sarı S., Doğrul A., Bayraktar S.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.42, no.6, pp.1-10, 2024 (ESCI)
- II. **Verification and Validation of Numerical Simulations of Displacement Type Vessels**
SARI S., DOĞRUL A.
GMO Journal of Ship and Marine Technology, vol.219, pp.77-95, 2021 (Peer-Reviewed Journal)
- III. **Parametric Sail Analysis of Sailing Yachts in 9-20 Meters**
Sarı S., Aydın M.
Journal of ETA Maritime Science, vol.7, no.4, pp.332-343, 2019 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **The Aerodynamic Wind Loads of a Naval Surface Combatant in Model Scale**
Sarı S., Doğrul A., Bayraktar S.
in: New Technologies, Development and Application V, Isak Karabegović, Ahmed Kovačević, Sadko Mandžuka, Editor, Springer Nature, Zug, pp.68-76, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **Detached Eddy Simulations of Air Flow Around NATO-Generic Destroyer**
Sarı S., Doğrul A., Bayraktar S.
The 4th International Naval Architecture and Maritime Symposium (INT-NAM 2023) , İstanbul, Turkey, 11 - 13 October 2023, vol.1, no.1, pp.1-10
- II. **Numerical Investigation of Free Rotor Aerodynamics for Ship-Rotor Interaction**
Sarı S., Doğrul A., Bayraktar S.
6th International HYBRID Conference on Mathematical Advances and Applications (ICOMAA 2023), İstanbul, Turkey, 10 - 13 May 2023, vol.1, no.1, pp.1-7
- III. **The Aerodynamic Wind Loads of a Naval Surface Combatant in Model Scale**
SARI S., DOGRUL A., BAYRAKTAR S.
International Conference on New Technologies, Development and Application, 2022, Sarajevo, Bosnia And Herzegovina, 23 - 25 June 2022, vol.472 LNNS, pp.68-76
- IV. **On the Computational Aerodynamics of a Generic Frigate**
SARI S., DOĞRUL A., BAYRAKTAR S.
2nd International Congress on Ship and Marine Technology, İstanbul, Turkey, 16 - 18 September 2021
- V. **Parametric Sail Analysis of Sailing Yachts in 9-20 meters**
AYDIN M., SARI S.
International Congress on Engineering and Architecture (ENAR), Alanya, Turkey, 14 - 16 November 2018

Supported Projects

Bayraktar S., Doğrul A., Sarı S., TUBITAK Project, Aerodynamic investigation of a generic warship with flight deck, 2023 - 2024

Metrics

Publication: 10