

Lect. Araks EKMEKÇIOĞLU

Personal Information

Email: araks@yildiz.edu.tr

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

International Researcher IDs

ScholarID: UjqgN-QAAAAJ

ORCID: 0000-0002-4821-0272

Publons / Web Of Science ResearcherID: AAZ-9137-2020

ScopusID: 57213815796

Yoksis Researcher ID: 274803

Education Information

Postgraduate, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Naval Architecture And Marine Engineering, Turkey 2018 - 2020

Undergraduate, Anadolu University, Faculty Of Business Administration, İşletme, Turkey 2004 - 2018

Undergraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Gemi İnşaatı Ve Makineleri Mühendisliği, Turkey 2003 - 2007

Dissertations

Postgraduate, Gemi kaynaklı emisyonların nümerik yöntemlerle hesaplanması, Yildiz Technical University, Naval Architecture And Maritime Faculty, 2020

Research Areas

Engineering and Technology

Academic Titles / Tasks

Lecturer, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Marine Engineering Operations, 2017 - Continues

Courses

Gemi Makineleri Operasyonu ve Bakımı 2, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Makine Dairesi Simülâtörü 1, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Gemi Makineleri Operasyonu ve Bakımı, Undergraduate, 2022 - 2023

Makine Dairesi Simülâtörü 2, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Gemi Sistemlerinin Analizi, Undergraduate, 2020 - 2021, 2019 - 2020

Gemi Yardımcı Makineleri 1, Undergraduate, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Estimation of shipping emissions based on real-time data with different methods: A case study of an oceangoing container ship**
EKMEKÇİOĞLU A., ÜNLÜGENÇOĞLU K., ÇELEBİ U. B.
ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY, vol.24, pp.4451-4470, 2022 (Peer-Reviewed Journal)
- II. **Container ship emission estimation model for the concept of green port in Turkey**
EKMEKÇİOĞLU A., Unlugencoglu K., Celebi U. B.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART M-JOURNAL OF ENGINEERING FOR THE MARITIME ENVIRONMENT, 2021 (SCI-Expanded)
- III. **MODELLING SHIPS MAIN AND AUXILIARY ENGINE POWERS WITH REGRESSION-BASED MACHINE LEARNING ALGORITHMS**
OKUMUŞ F., EKMEKÇİOĞLU A., Kara S.
POLISH MARITIME RESEARCH, vol.28, no.1, pp.83-96, 2021 (Journal Indexed in SCI)
- IV. **Assessment of shipping emission factors through monitoring and modelling studies**
EKMEKÇİOĞLU A., KUZU S. L. , ÜNLÜGENÇOĞLU K., ÇELEBİ U. B.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.743, pp.140742, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **MODELING OF GENERAL CARGO SHIP'S MAIN ENGINE POWERS WITH REGRESSION BASED MACHINE LEARNING ALGORITHMS: COMPARATIVE RESEARCH**
Okumuş F., Ekmekçioğlu A.
Mersin University Journal of Maritime Faculty, vol.3, no.1, pp.1-8, 2021 (Peer-Reviewed Journal)
- II. **SHIP EMISSION ESTIMATION FOR IZMIR AND MERSIN INTERNATIONAL PORTS - TURKEY**
EKMEKÇİOĞLU A., ÜNLÜGENÇOĞLU K., ÇELEBİ U. B.
JOURNAL OF THERMAL ENGINEERING, vol.5, no.6, pp.184-195, 2019 (ESCI)

Metrics

Publication: 6

Citation (WoS): 30

Citation (Scopus): 33

H-Index (WoS): 3

H-Index (Scopus): 3

Non Academic Experience

Business Establishment Private, Arkas Denizcilik, Deniz Ticaret Filosu