Lect. Araks EKMEKÇİOĞLU

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, Deparment Of Naval Architecture And Marine Engineering, Turkey 2018 - 2020
Undergraduate, Anadolu University, Faculty Of Busıness Admınıstratıon, 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 Simülatörü 1, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Gemi Makineleri Operasyonu ve Bakımı, Undergraduate, 2022 - 2023
Makine Dairesi Simülatörü 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. 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, vol.236, no.2, pp.504-518, 2022 (SCI-Expanded)

II. 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 (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 (SCI-Expanded)

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): 32
Citation (Scopus): 66
H-Index (WoS): 3
H-Index (Scopus): 4

Non Academic Experience

Arkas Denizcilik
Business Establishment Private, Arkas Denizcilik, Deniz Ticaret Filosu
Arkas Denizcilik
Deniz Kuvvetleri Komutanlığı TCK-AĞ6 Gemisi - Asteğmen - 2. çarkçı
Arkas Denizcilik