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Education Information

Doctorate, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, Maritime Transportation Engineering Programme, Turkey 2020 - Continues

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Deniz Ulaştırma Mühendisliği, Turkey 2018 - 2020

Undergraduate, SUNY Maritime College, Marine Operations, United States Of America 2012 - 2017

Undergraduate, Istanbul Technical University, Denizcilik, Gemi Makineleri İşletme Mühendisliği, Turkey 2012 - 2017

Dissertations

Postgraduate, Comparison of the carbon capture systems for onboard application and voyage performance investigation by a case study, Istanbul Technical University, Fen Bilimleri Enstitüsü, Deniz Ulaştırma Mühendisliği, 2020

Research Areas

Air Pollution and Control, Renewable Energy Systems, Alternative Energy Resources, Ship Machines

Academic Titles / Tasks

Lecturer, Galatasaray University, Meslek Yüksek Okulu, Gemi Makineleri İşletmeciliği Programı, 2021 - Continues

Academic and Administrative Experience

Assistant Director of Vocational School, Galatasaray University, Meslek Yüksek Okulu, Gemi Makineleri İşletmeciliği Programı, 2024 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Environmental impact investigation of combined CCS and SCR on a ship by a case study**
Zincir B. A., Zincir B., Deniz C., Usluer H. B., Arslanoğlu Y.
GREENHOUSE GASES: SCIENCE AND TECHNOLOGY, vol.1, no.13, pp.1-13, 2024 (SCI-Expanded)
- II. Comparative Life Cycle Assessment of Alternative Marine Fuels**
Zincir B. A., Arslanoğlu Y.

Articles Published in Other Journals

- I. **Effect of Mucilage Pollution on Ship Cooling Systems: A Case Study**
USLUER H. B., EJDER E., ZİNCİR B. A., ARSLANOĞLU Y.
Marine Science and Technology Bulletin, vol.11, no.1, pp.179-186, 2022 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **SWOT Analysis of Carbon Capture, Storage, and Transportation for Maritime Industry**
Zincir B. A., Zincir B., Arslanoğlu Y.
in: Decarbonization of Maritime Transport, Burak Zincir, Pravesh Chandra Shukla, Avinash Kumar Agarwal, Editor,
Springer Nature, Singapore, pp.117-140, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **USING AN E-FUEL METHOD TO MEET THE 2030 DECARBONIZATION TARGET: A CASE STUDY**
ZİNCİR B. A., ZİNCİR B., USLUER H. B., ARSLANOĞLU Y.
International Symposium on Energy Management and Sustainability (ISEMAS) 2022, İstanbul, Turkey, 05 April
2022, pp.129-130