

Res. Asst. Halil İbrahim SÖNMEZ

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAZ-1972-2021

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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 2018 - Continues

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 2015 - 2018

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Mechanical Engineering, Thermodynamics, Fuels and Combustion, Internal Combustion Engines, Naval Architecture and Marine Engineering, Ship Machines, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, 2015 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Waste to energy conversion: Pyrolytic oil and biodiesel as a renewable fuel blends on diesel engine combustion, performance, and emissions**
Sönmez H. İ., Okumuş F., Kaya C., Aydın Z., Safa A., Kökkülünk G.
INTERNATIONAL JOURNAL OF GREEN ENERGY, vol.19, no.12, pp.1333-1344, 2022 (SCI-Expanded)

Articles Published in Other Journals

I. Cost Efficiency and Emission Analysis of a Bulk Carrier Cranes Operation

Başhan V., ÇAKIR M., SÖNMEZ H. İ.

JOURNAL OF ETA MARITIME SCIENCE, vol.6, no.1, pp.27-36, 2018 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. Performance, Emission and Economic Analysis of The Refrigeration Systems in Ships

Başhan V., Kaya A., Özsarı İ., Arslan F., Sönmez H. İ.

4th INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING: ICAME 2018, İstanbul, Turkey, 19 December 2018, pp.875-886

II. EFFECT OF COMPRESSION RATIO ON THE PERFORMANCE OF A NATURAL GAS FIRED ENGINE

ÇAKIR M., SÖNMEZ H. İ.

4TH INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCE, Kiev, Ukraine, 02 May 2018, pp.387

III. DESIGN AND CALCULATION OF THE WASTE HEAT RECOVERY POTENTIAL FOR A BULK CARRIER MARINE DIESEL GENERATOR

KÖKKÜLÜNK G., BAŞHAN V., KAYA A., SÖNMEZ H. İ., Sarıca A.

3rd CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2017– ICAME2017, İstanbul, Turkey, 19 December 2017, pp.366-374

IV. Determination of Pre-combustion Chamber Design for a Stratified Charge Natural Gas Engine

ÇAKIR M., SÖNMEZ H. İ.

III. International Conference on Engineering and Natural Science (ICENS), Budapeşte, Hungary, 03 May 2017, pp.609-613

V. Bir Yük Gemisinin Balast Operasyonunun Ekonomik ve Ekolojik Analizi

BAŞHAN V., SÖNMEZ H. İ., GONCA G.

1st International Congress on Ship and Marine Technology, İstanbul, Turkey, 25 December 2016, pp.1-12

Supported Projects

ÇAKIR M., SÖNMEZ H. İ., ÜST Y., BAŞHAN V., Project Supported by Higher Education Institutions, Doğal Gaz Yakıtlı Tek Silindirli Bir Motorun İdeal Sıcaklık Çalışma Koşullarının Belirlenmesi, 2018 - 2021

Scientific Refereeing

ENERGY & ENVIRONMENT, Journal Indexed in SCI-E, December 2021

Metrics

Publication: 7

Citation (WoS): 1

Citation (Scopus): 4

H-Index (WoS): 1

H-Index (Scopus): 1

Non Academic Experience

Business Establishment Private, Atlantik Denizcilik