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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAZ-5674-2020

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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 2015 - 2021

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 2013 - 2015

Undergraduate, Anadolu University, Faculty Of Economics, Kamu Yönetimi, Turkey 2010 - 2014

Undergraduate, Yildiz Technical University, Naval Architecture And Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 2008 - 2013

Foreign Languages

English, C1 Advanced

Research Areas

Naval Architecture and Marine Engineering, Ship Machines, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Naval Architecture And Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, 2014 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Exergetic performance analysis of high pressure air systems on ships**
KARAKURT A. S., ÖZSARI İ., BAŞHAN V.
International Journal Of Exergy, vol.37, 2022 (SCI-Expanded)
- II. **Comparative Energy and Emission Analysis of Oxy-Combustion and Conventional Air Combustion**
Özsarı İ., Üst Y., Kayadelen H. K.

- Arabian Journal For Science And Engineering, vol.46, no.1, pp.2477-2492, 2021 (SCI-Expanded)
- III. **Thermodynamic Analysis and Multi-Objective Optimization of Solar Heat Engines**
ÜST Y., ÖZSARI İ., ARSLAN F., SAFA A.
Arabian Journal for Science and Engineering, vol.45, no.11, pp.9669-9684, 2020 (SCI-Expanded)
- IV. **Effect of varying fuel types on oxy-combustion performance**
Özsarı İ., Üst Y.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.43, no.14, pp.8684-8696, 2019 (SCI-Expanded)
- V. **A comparative thermo-ecological performance analysis of generalized irreversible solar-driven heat engines**
ÜST Y., ARSLAN F., ÖZSARI İ.
RENEWABLE ENERGY, vol.113, pp.1242-1249, 2017 (SCI-Expanded)
- VI. **Thermodynamic performance analysis and optimization of DMC (Dual Miller Cycle) cogeneration system by considering exergetic performance coefficient and total exergy output criteria**
ÜST Y., ARSLAN F., ÖZSARI İ., ÇAKIR M.
ENERGY, vol.90, pp.552-559, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **A THEORETICAL PERFORMANCE INVESTIGATION OF IRREVERSIBLE INTERNAL COMBUSTION ENGINE NAMED AS DUAL-MILLER CYCLE**
Üst Y., Özsarı İ., Arslan F., Safa A.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.38, no.1, pp.459-473, 2020 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Energy and Exergy Analysis of Ship High Pressure Air Systems**
Karakurt A. S., Özsarı İ., Başhan V.
World Energy Strategies Congress and Exhibition (WESCE'19), İstanbul, Turkey, 26 - 28 August 2019, pp.1-4
- II. **Exergetic Performance Analysis To Compare Of Two Different Oxy Fuel Combustion Power Plant**
ÜST Y., ÖZSARI İ.
International Conference on Engineering and Natural Sciences (ICENS), Prague, Czech Republic, 12 - 16 June 2019, pp.281-293
- III. **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
- IV. **Gemilerin Sevk Sisteminde Kullanılan Bir Gaz Türbininin Termo-Ekonomik Performans Analizi**
Özsarı İ., Gonca G.
1st INTERNATIONAL CONGRESS ON SHIP AND MARINE TECHNOLOGY (GMO-SHIPMAR 2016), İstanbul, Turkey, 8 - 09 December 2016
- V. **Exergetic Performance Analysis of a Gas Turbine with Two Intercoolers and Two Reheaters Fuelled with Different Fuel kinds**
Gonca G., Özsarı İ.
2nd International Conference on Advances in Mechanical Engineering (ICAME'16), İstanbul, Turkey, 10 - 13 May 2016, pp.1-13
- VI. **Shipping Emissions and sample annual emission estimation**
KAHRAMANOĞLU E., ÖZSARI İ., BİLGİLİ L., ÇELEBİ U. B.
International Conference on Advances in Mechanical Engineering (ICAME'16), İstanbul, Turkey, 10 May 2016,

pp.1321

VII. CFD Application of Combustion Chamber for Gas Turbine Engine By Using Three Different Fuels

Özsarı İ., Üst Y.

International Conference on Advances in Mechanical Engineering (ICAME'15), İstanbul, Turkey, 13 - 15 May 2015

Other Publications

I. Havadan Bağımsız Tahrik Sistemlerinde Kullanılan Oksi-Yanmalı Gaz Türbini Güç Sistemlerinin Termodinamik ve Termodinamik Performans Analizi

Özsarı İ.

Other, pp.1-211, 2021

II. Gaz türbinlerinde yanma odalarının teorik incelenmesi ve nümerik olarak modellenmesi

ÖZSARI İ.

Other, pp.120, 2015

Activities in Scientific Journals

Tamap Journal of Engineering, Committee Member, 2019 - Continues

Scientific Refereeing

ENERGY, SCI Journal, July 2021

ENERGY, SCI Journal, July 2021

ENERGY, SCI Journal, July 2021

ENERGY, SCI Journal, June 2021

ENERGY, SCI Journal, May 2021

ENERGY, SCI Journal, May 2021

INTERNATIONAL JOURNAL OF EXERGY, SCI Journal, May 2021

ENERGY, SCI Journal, May 2021

ENERGY, SCI Journal, April 2021

ENERGY, SCI Journal, April 2021

ENERGY, SCI Journal, April 2021

ENERGY, SCI Journal, February 2021

ENERGY, SCI Journal, December 2020

JOURNAL OF THERMAL ENGINEERING, Journal Indexed in ESCI, December 2019

JOURNAL OF THERMAL ENGINEERING, Journal Indexed in ESCI, April 2018

ENERGY, SCI Journal, April 2017

Tasks In Event Organizations

Başhan V., Sadıkoğlu H., Özsarı İ., Ulusarslan D., World Energy Strategies Congress and Exhibition, Scientific Congress, İstanbul, Turkey, Ağustos 2019

Metrics

Publication: 17

Citation (WoS): 31

Citation (Scopus): 38

H-Index (WoS): 2

H-Index (Scopus): 2