

Res. Asst. İbrahim ÖZSARI

Personal Information

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Education Information

Doctorate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 2015 - Continues

Post Graduate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 2013 - 2015

Under Graduate, Anadolu Üniversitesi, İktisat Fakültesi, Kamu Yönetimi, Turkey 2010 - 2014

Under Graduate, Yıldız Teknik Üniversitesi, 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, Yıldız Teknik Üniversitesi, Naval Architecture and Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, 2014 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Exergetic Performance Analysis Of High Pressure Air Systems On Ships**
Karakurt A. S. , Özsarı İ., Başhan V.
International Journal Of Exergy, vol.0, no.0, pp.0-10, 2021 (Journal Indexed in 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 (Journal Indexed in 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, 2020 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)

- 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 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)

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 (Journal Indexed in 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. 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, May 2021

ENERGY, SCI Journal, May 2021

INTERNATIONAL JOURNAL OF EXERGY, 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

Citations

Total Citations (WOS):29

h-index (WOS):2