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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABH-5216-2020

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Education Information

Doctorate, Kocaeli University, Mühendislik Fakültesi, Makina Mühendisliği, Turkey 2019 - Continues

Postgraduate, Dokuz Eylul University, Institute Of Science, Turkey 2017 - 2019

Undergraduate, Dokuz Eylul University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 2011 - 2016

Dissertations

Postgraduate, Investigation of Solidification and Melting Periods of Phase Change Materials inside Capsules, Dokuz Eylul University, Institute Of Science, 2019

Research Areas

Energy, Thermodynamics, Heating, Refrigerating and Air Conditioning, Thermal Systems

Academic Titles / Tasks

Research Assistant, Kocaeli University, Mühendislik Fakültesi, Makina Mühendisliği, 2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Thermodynamic performance analysis and environmental impact assessment of cascade refrigeration cycles using eco-friendly nano-refrigerants**
Hacipasaoglu S. G., Öztürk İ. T.
INTERNATIONAL JOURNAL OF REFRIGERATION, no.164, pp.167-179, 2024 (SCI-Expanded)
- II. Thermodynamic and Environmental Analysis of Novel Cascade Refrigeration Cycles with Ejector and Intercooler for Ultralow Temperatures Using Eco-Friendly Refrigerants**
HACIPAŞAOĞLU S. G., ÖZTÜRK İ. T.
Energy Technology, vol.12, no.1, 2024 (SCI-Expanded)
- III. ASSESSMENT OF AN INTEGRATED ORGANIC RANKINE CYCLE (ORC)-VAPOR COMPRESSION REFRIGERATION (VCR) SYSTEM USING THE ENERGY, CONVENTIONAL EXERGY, AND ADVANCED**

EXERGY ANALYSIS

Aktemur C., HACIPAŞAOĞLU S. G.

HEAT TRANSFER RESEARCH, vol.52, no.15, pp.15-40, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigation of Refrigeration Systems in Terms of Energy Efficiency**
Hacıpaşaoğlu S. G., Öztürk İ. T.
Tesisat Mühendisliği, no.201, pp.20-34, 2024 (Peer-Reviewed Journal)
- II. **Energy and exergy analysis in the ejector expansion refrigeration cycle under optimum conditions**
Hacıpaşaoğlu S. G., Öztürk İ. T.
International Advanced Researches and Engineering Journal, vol.7, no.1, pp.23-34, 2023 (Peer-Reviewed Journal)
- III. **An application of conventional and advanced exergy approaches on a R41/R1233ZD(E) cascade refrigeration system under optimum conditions**
Aktemur C., Hacıpaşaoğlu S. G.
Journal of Thermal Engineering, pp.182-201, 2022 (ESCI)
- IV. **Implementation of enhanced thermal conductivity approach to an LHTES system with in-line spherical capsules**
Metin C., Hacıpaşaoğlu S. G., ALPTEKİN E., EZAN M. A.
ENERGY STORAGE, vol.1, no.1, 2019 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **SOĞUTMA SİSTEMLERİNİN ENERJİ VERİMLİLİĞİ AÇISINDAN İNCELENMESİ**
HACIPAŞAOĞLU S. G., ÖZTÜRK İ. T.
6. Enerji Verimliliği Kongresi, Kocaeli, Turkey, 17 November 2023
- II. **HER İKİ TARAFI ARA SOĞUTUCULU KASKAD SOĞUTMA ÇEVİRİMİNİN ÇEVRECİ SOĞUTUCU AKIŞKANLAR İLE PERFORMANSININ İNCELENMESİ**
Hacıpaşaoğlu S. G., Öztürk İ. T.
Uluslararası Katılımlı 24. Isı Bilimi ve Tekniği Kongresi, Ankara, Turkey, 6 - 08 September 2023, vol.1, pp.480-490
- III. **PERFORMANCE ANALYSIS OF THE EJECTOR REFRIGERATION CYCLE**
Hacıpaşaoğlu S. G., Öztürk İ. T.
Uluslararası Katılımlı 23. Isı Bilimi ve Tekniği Kongresi, Gaziantep, Turkey, 8 - 10 September 2021, pp.873-880
- IV. **THERMODYNAMIC ANALYSIS BASED ON ENERGY AND EXERGY APPROACHES OF COMBINED ORGANIC RANKINE-VAPOR COMPRESSION REFRIGERATION SYSTEM DRIVEN BY LOW-GRADE WASTE HEAT**
Hacıpaşaoğlu S. G., Aktemur C., Akbıyık M.
Uluslararası Katılımlı 23. Isı Bilimi ve Tekniği Kongresi, Gaziantep, Turkey, 8 - 10 September 2021, pp.1418-1431
- V. **THERMODYNAMIC ANALYSIS OF LOW GLOBAL WARMING POTENTIAL REFRIGERANTS AS AN ALTERNATIVE TO R123 IN VAPOR COMPRESSION REFRIGERATION SYSTEMS**
Aktemur C., Hacıpaşaoğlu S. G., Akbıyık M.
Uluslararası Katılımlı 23. Isı Bilimi ve Tekniği Kongresi, Gaziantep, Turkey, 8 - 10 September 2021, pp.523-538
- VI. **Küresel Kapsüllenmiş Faz Değişim Malzemesinin Depolama ve Geri Kullanım Performansının Deneysel İncelenmesi**
Hacıpaşaoğlu S. G., Ezan M. A., Bilir L., Alptekin E., Erek A.
4. Uluslararası Katılımlı Anadolu Enerji Sempozyumu, Edirne, Turkey, 18 - 20 April 2018, pp.374-382

Scientific Refereeing

Metrics

Publication: 13

Non Academic Experience

Company, Bosch Termoteknik, Ar-Ge