Dr. Öğr. Üyesi Parısa HEIDARNEJAD

Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri
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Yoksis Araştırmacı ID: 353381

Eğitim Bilgileri

Post Doktora, Yıldız Teknik Üniversitesi, Makine Fakültesi, Makine, Türkiye 2020 - 2021
Doktora, University of Tehran, İran 2014 - 2019
Yüksek Lisans, Al-Zahra Üniversitesi, İran 2012 - 2014
Lisans, Urmia University, İran 2006 - 2010

Yabancı Diller

Türkçe, C1 İleri
Farsca, C1 İleri
Azerice, C1 İleri

Araştırma Alanları

Enerji, Termodinamik, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, Yıldız Teknik Üniversitesi, Makine Fakültesi, Mekatronik Mühendisliği, 2024 - Devam Ediyor
Dr. Öğr. Üyesi, İstanbul Gedik Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği , 2021 - 2024

Akademik İdari Deneyim

Bölüm Başkan Yardımcısı, İstanbul Gedik Üniversitesi, 2022 - 2024
Bölüm Bologna Komisyonu Başkanı, İstanbul Gedik Üniversitesi, 2022 - 2024

Verdiği Dersler

Yüksek Lisans

Mühendislik Matematiği2, Yüksek Lisans, 2024 - 2025

Lisans

Proses Tekniği, Lisans, 2024 - 2025

Isı Geçişi, Lisans, 2024 - 2025

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. **Comprehensive evaluation of a new integrated ORC-VCR system with a thermoelectric generator unit combining sustainable energies for hydrogen production**
Sabbaghi M. A., GENCELİ H., Heidarnejad P., Asker M., Khanmohammadi S.
International Journal of Hydrogen Energy, cilt.107, ss.488-501, 2025 (SCI-Expanded)

II. **Performance Assessment of an Interconnected Photovoltaic-Thermal System and Solar Thermal Collector: Parametric Study and Optimization**
Karami M., HEIDARNEJAD P.
Energy Science and Engineering, 2025 (SCI-Expanded)

III. **Thermoeconomic modeling and artificial neural network-based optimization of a decarbonized combined heat and power plant with hydrogen re-electrification**
HEIDARNEJAD P., Fathi P., Karami M.
International Journal of Hydrogen Energy, 2025 (SCI-Expanded)

IV. **Biomass-Fueled Organic Rankine Cycles: State of the Art and Future Trends**
Heidarnejad P., GENCELİ H., Hashemian N., Asker M., Al-Rawi M.
Energies, cilt.17, sa.15, 2024 (SCI-Expanded)

V. **The pandemic's sustainability windfall: a case study of COVID-19 restrictions on electricity demand patterns and sustainable development goals**
Heidarnejad P., GENCELİ H., Asker M., YUMURTACI Z.
International Journal of Global Warming, cilt.32, sa.4, ss.440-463, 2024 (SCI-Expanded)

VI. **A comprehensive approach for optimizing a biomass assisted geothermal power plant with freshwater production: Techno-economic and environmental evaluation**
HEIDARNEJAD P., GENCELİ H., Asker M., Khanmohammadi S.
Energy Conversion and Management, cilt.226, 2020 (SCI-Expanded)

VII. **A novel solar-biomass based multi-generation energy system including water desalination and liquefaction of natural gas system: Thermodynamic and thermoeconomic optimization**
Ghasemi A., Heidarnejad P., Noorpoor A.
Journal of Cleaner Production, cilt.196, ss.424-437, 2018 (SCI-Expanded)

VIII. **Exergoeconomic analysis and multi objective optimization of a solar based integrated energy system for hydrogen production**
Khanmohammadi S., Heidarnejad P., JAVANI N., GANJEHSARABİ H.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.42, sa.33, ss.21443-21453, 2017 (SCI-Expanded)

IX. **Multi-objective optimization of a combined steam-organic Rankine cycle based on exergy and exergo-economic analysis for waste heat recovery application**
Nazari N., Heidarnejad P., Porkhial S.
Energy Conversion and Management, cilt.127, ss.366-379, 2016 (SCI-Expanded)

X. **Dynamic modelling, exergy assessment and optimisation of a novel solar-driven trigeneration system**
Noorpoor A., Heidararabi S., Heidarnejad P.
International Journal of Exergy, cilt.20, sa.4, ss.405-444, 2016 (SCI-Expanded)

XI. **Thermoeconomic assessment and multi objective optimization of a solar micro CCHP based on Organic Rankine Cycle for domestic application**
Boyaghchi F. A., Heidarnejad P.

Energy Conversion and Management, cilt.97, ss.224-234, 2015 (SCI-Expanded)

XII. **Thermodynamic analysis and optimisation of a solar combined cooling, heating and power system for a domestic application**
Boyaghchi F. A., Heidarnejad P.
International Journal of Exergy, cilt.16, sa.2, ss.139-168, 2015 (SCI-Expanded)

XIII. **Energy and exergy analysis and optimization of a μ-solar-driven combined ejector-cooling and power system based on organic Rankine cycle using an evolutionary algorithm**
Boyaghchi F., Heidarnejad P.
Scientia Iranica, cilt.22, sa.1, ss.245-257, 2015 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

I. **Dynamic simulation of the performance of a solar assisted heat pump in different climates**
Alipour B., Karami M., HEIDARNEJAD P.
International Journal of New Findings in Engineering, Science and Technology (IJONFEST), 2024 (Hakemli Dergi)

II. **Design of a Cold Storage with R507A Refrigerant for the Preservation of Twenty-Five Tons of Apples in the Ankara Province**
Fenni B. O., KÖSE A., HEIDARNEJAD P.
Istanbul Gedik University, cilt.1, sa.1, 2023 (Hakemli Dergi)

III. **Performance comparison and investigation of two different renewable energy fueled multigeneration systems**
Heidarnejad P., Noorpoor A.
Journal of Thermal Engineering, cilt.7, sa.5, ss.1039-1055, 2021 (ESCI)

IV. **Comparative techno-economic-environmental assessment of biomass fueled integrated energy systems**
HEIDARNEJAD P., GENCELİ H., YUMURTACI Z.
Turkish Journal of Electromechanics & Energy, 2021 (Hakemli Dergi)

V. **Thermodynamic diagnosis of a novel solar-biomass based multi-generation system including potable water and hydrogen production**
Hashemian N., Noorpoor A., HEIDARNEJAD P.
Energy Equipment and Systems, 2019 (Hakemli Dergi)

VI. **Exergy based optimization of a biomass and solar fuelled cchp hybrid seawater desalination plant**
Ghasemi A., Hashemian N., Noorpoor A., Heidarnejad P.
Journal of Thermal Engineering, cilt.3, sa.1, ss.1034-1043, 2017 (Scopus)

Hakemli Bilimsel Toplantılarda Yayımlanmış Bildiriler

I. **Thermodynamic and Thermoeconomic Comparisons of Two Trigeneration Systems**
HEİDARNEJAD P., NOORPOOR A., DİNCER İ.
2ND INTERNATIONAL CONFERENCE ON ENERGY SYSTEMS, 21 - 23 Aralık 2016

Desteklenen Projeler

Heıdarnejad P., Dedecan A., TÜBİTAK Projesi, Atmosferik Nemden Su Üreten Cihaz Tasarımı, 2024 - 2025
Heıdarnejad P., Yıldırım O. C., Ozkan E., TÜBİTAK Projesi, GÜNEŞ ENERJİSİ DESTEKLİ GAZ SENSÖRLÜ ELEKTROMIKNATIS UÇLU RAYLI SİSTEM ENTEGRELİ ROBOT KOL, 2023 - 2024
Heıdarnejad P., Aldoğan A. C., TÜBİTAK Projesi, Organik Faz Değiştiren Malzeme ile Kaplanmış Güneş Panelinin Deneysel Olarak Termal Yönetimi, 2023 - 2024

Heıdarnejad P., Köse A., Yıldırım F., Sulukan E., Yükseköğretim Kurumları Destekli Proje, Güneş Enerjisine Dayalı Atmosferik Su Üreten Cihaz Tasarımı (BTAP GDK202308-26), 2023 - 2024

Metrikler

Yayın: 20
Atıf (Scopus): 709
H-İndeks (Scopus): 8