

Arş.Gör. Merve ÖZTÜRK

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Yıldız Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği, Türkiye 2017 - Devam Ediyor

Yüksek Lisans, Yıldız Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği, Türkiye 2014 - 2017

Lisans, Yıldız Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği, Türkiye 2011 - 2014

Lisans, Uludağ Üniversitesi, Mühendislik-Mimarlık Fakültesi, Makine Mühendisliği, Türkiye 2009 - 2011

Araştırma Alanları

Makina Mühendisliği, Enerji, Akışkanlar Mekaniği , Termodinamik, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Araştırma Görevlisi, Yıldız Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği, 2017 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Development of a combined flash and binary geothermal system integrated with hydrogen production for blending into natural gas in daily applications**
ÖZTÜRK M., DİNCER İ.
Energy Conversion and Management, cilt.227, 2021 (SCI Expanded İndekslerine Giren Dergi)
- II. **Development of renewable energy system integrated with hydrogen and natural gas subsystems for cleaner combustion**
ÖZTÜRK M., DİNCER İ.
Journal of Natural Gas Science and Engineering, cilt.83, 2020 (SCI Expanded İndekslerine Giren Dergi)
- III. **An efficient waste management system with municipal solid waste incineration plant**
ÖZTÜRK M., Dincer I.
GREENHOUSE GASES-SCIENCE AND TECHNOLOGY, cilt.10, ss.855-864, 2020 (SCI İndekslerine Giren Dergi)
- IV. **Exergoeconomic analysis of a solar assisted tea drying system**
ÖZTÜRK M., DİNCER İ.
Drying Technology, cilt.38, ss.655-662, 2020 (SCI İndekslerine Giren Dergi)
- V. **Thermodynamic modeling of a solar energy based combined cycle with rock bed heat storage system**
ÖZTÜRK M., DİNCER İ., JAVANI N.
Solar Energy, cilt.200, ss.51-60, 2020 (SCI İndekslerine Giren Dergi)
- VI. **An integrated system for ammonia production from renewable hydrogen: A case study**
ÖZTÜRK M., DİNCER İ.
International Journal of Hydrogen Energy, 2020 (SCI Expanded İndekslerine Giren Dergi)
- VII. **Comparative environmental impact assessment of various fuels and solar heat for a combined cycle**
ÖZTÜRK M., DİNCER İ.

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.44, ss.5043-5053, 2019 (SCI İndekslerine Giren Dergi)

VIII. **Life cycle assessment of hydrogen-based electricity generation in place of conventional fuels for residential buildings**

ÖZTÜRK M., DİNCER İ.

International Journal of Hydrogen Energy, 2019 (SCI Expanded İndekslerine Giren Dergi)

IX. **Exergy analysis of tea drying in a continuous vibro-fluidised bed dryer**

ÖZTÜRK M., DİNCER İ.

INTERNATIONAL JOURNAL OF EXERGY, cilt.30, ss.376-391, 2019 (SCI İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

I. **Investigation of Coolant Temperature Effect on Thermal Comfort in Wall Mounted Radiant Cooling Systems**

ÖZTÜRK M., Oruc O.

JOURNAL OF POLYTECHNIC-POLİTEKNİK DERGISİ, cilt.22, ss.461-468, 2019 (ESCI İndekslerine Giren Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. **Analysis of an Integrated System for Ammonia Production from Renewable Hydrogen in Istanbul**

Öztürk M., Dincer İ.

4th International Hydrogen Technologies Congress, Edirne, Türkiye, 20 - 23 Haziran 2019, ss.1-4

II. **Analysis Of Hydrogen Production from Municipal Solid Waste Gasification**

ÖZTÜRK M., DİNCER İ.

10th International Conference on Hydrogen Production (ICH2P), Cluj-Napoca, Romanya, 15 Mayıs 2019, ss.1

III. **Analysis of Waste Management with Municipal Solid Waste Incineration Plant**

ÖZTÜRK M., DİNCER İ.

8th Global Conference on Global Warming, Doha, Qatar, 22 Nisan 2019, ss.1-4

IV. **Life Cycle Assessment of Hydrogen-based Electricity Generation in place of Conventional Fuels for Residential Buildings**

ÖZTÜRK M., DİNCER İ.

4th International Conference on Recycling and Reuse, İstanbul, Türkiye, 24 Ekim 2018, ss.232-234

V. **Energy and Exergy Analysis of the Three-Stage Tea Drying Process**

ÖZTÜRK M., DİNCER İ.

10th International Exergy, Energy and Environment Symposium (IEEES-10), Katowice, Polonya, 01 Temmuz 2018

VI. **Comparative Evaluation of Emissions Arising from the Use of Various Fuels in a Combined Cycle**

ÖZTÜRK M., DİNCER İ.

7th Global Conference on Global Warming (GCGW-2018), İzmir, Türkiye, 24 Haziran 2018, ss.579-583

VII. **Thermodynamic Modeling of a Solar Based Combined Cycle with Rock Bed Heat Storage System**

ÖZTÜRK M., DİNCER İ., JAVANI N.

14. International Conference on Energy Storage, 25 - 28 Nisan 2018

VIII. **REVIEW OF LITERATURE STUDY FOR LOUVERED FIN HEAT EXCHANGERS**

ÖZTÜRK M., PINARBAŞI A.

INTERNATIONAL CONFERENCE ON ENERGY AND THERMAL ENGINEERING, 25 Nisan - 28 Aralık 2017, ss.871-886

IX. **Fundamental basis and application of cold-room project design: A case study of frigoship**

ÖZTÜRK M., GOKTEPE E., Celen A., Çebi A., DALKILIÇ A. S. , WONGWISES S.

ASME 2013 Heat Transfer Summer Conference, HT 2013 Collocated with the ASME 2013 7th International Conference on Energy Sustainability and the ASME 2013 11th International Conference on Fuel Cell Science, Engineering and Technology, Minneapolis, MN, Amerika Birleşik Devletleri, 14 - 19 Temmuz 2013, cilt.1

Atıflar

Toplam Atıf Sayısı (WOS):10

h-indeksi (WOS):2