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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Makine Mühendisliği Anabilim Dalı/ Isı Proses Programı, Turkey 2019 - Continues
Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Makine Mühendisliği Anabilim Dalı/ Isı Proses Programı, Turkey 2016 - 2019
Undergraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Makine Mühendisliği Bölümü, Turkey 2011 - 2015

Dissertations

Postgraduate, Numerical investigation and optimization of the effect of heat transfer and pressure drop on the circuit in finned tube heat exchangers, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Makine Mühendisliği Anabilim Dalı, 2018

Research Areas

Mechanical Engineering, Thermodynamics, Computational fluid dynamics, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Mechanical Engineering, Deparment Of Mechanical Engineering, 2016 - Continues

Refereed Congress / Symposium Publications in Proceedings

I. **NUMERICAL AND EXPERIMENTAL INVESTIGATION OF EVAPORATION CHARACTERISTICS OF A SESSILE WATER DROPLET ON A HEATED SUBSTRATE**
Yılmaz M., Saitoğlu E. E., Yıldırım A., Sevindir M. K.
6th International Conference on Advances in Mechanical Engineering, İstanbul, Turkey, 20 October 2021, pp.681-689

II. **Numerical Investigation and Optimization of the Effect of Heat Transfer and Pressure Drop on the Circuit in Finned Tube Heat Exchangers**
Yıldırım A., Atayılmaz Ş. Ö.

5th International Anatolian Energy Symposium, Trabzon, Turkey, 24 - 26 March 2021, pp.22-31

III. **Thermal Power Plant Emissions and Emissions Prevention Studies in Turkey: Kıte Energy**
Ergök H., Yıldırım A.
5th International Anatolian Energy Symposium, Trabzon, Turkey, 24 March 2021, pp.58

IV. **Artificial Neural Networks for Drying Characteristics Determination: An Application in Fluidized Bed Drying**
Yıldırım A., Ergök H., Ağra Ö.
5th International Anatolian Energy Symposium, Trabzon, Turkey, 24 - 26 March 2021, pp.11-20

V. **KANATLI BORULU ISI DEĞİŞTİRİCİLERİNDE SIRA VE DEVRE SAYISININ ISI TRANSFERİ VE BASINÇ DÜŞÜMÜNE ETKİSİNİN SAYISAL ANALİZİ**
YILDIRIM A., ATAYILMAZ Ş. Ö.
4. Uluslararası Katılımlı Anadolu Enerji Sempozyumu, Edirne, Turkey, 18 April 2018, pp.411-426

VI. **KONVEKTİF KURUTMA FIRININDA TUĞLA ÇAMURUNUN KURUTMA KARAKTERİSTİĞİNİN İNCELENMESİ**
Kuş B., YILDIRIM A., SEVİNDİR M. K., AĞRA Ö.
4. Uluslararası Katılımlı Anadolu Enerji Sempozyumu, 18 - 20 April 2018

VII. **AKIŞKAN YATAKLI KURUTUCUDA KÜLTÜR MANTARININ KURUMA KARAKTERİSTİĞİNİN İNCELENMESİ**
Çermaoğlu M. F., YILDIRIM A., SEVİNDİR M. K., AĞRA Ö.
21. Ulusal Isı Bilimi ve Tekniği Kongresi, Turkey, 13 - 16 September 2017

Supported Projects

Sevindir M. K., Atayılmaz Ş. Ö., Demir H., Ağra Ö., Gemici Z., Yıldırım A., Project Supported by Higher Education Institutions, POLİMER KOMPOZİT ISI DEĞİŞTİRİCİSİ GELİŞTİRİLMESİ, 2022 - 2024

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Publication: 8