

Personal Information

Email: hazaloztan@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/hazaloztan>

International Researcher IDs

ScholarID: qp6OSKoAAAAJ

ORCID: 0000-0003-1456-7238

Publons / Web Of Science ResearcherID: AIC-0164-2022

Yoksis Researcher ID: 315663

Education Information

Doctorate, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 2021 - Continues

Postgraduate, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 2018 - 2020

Undergraduate, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 2012 - 2017

Dissertations

Postgraduate, Steam Gasification of Tunçbilek Lignite and Olive Kernel in a Fluidized Bed, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, 2021

Research Areas

Process Design, Thermodynamics, Separation Operations, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Gasification Of Himmetoğlu and Seyitomer Oil Shales With Plastic City Wastes in Bubbling Fluidized Bed Reactor**
Uysal D., Öztan H., Gafur A. A., Doğan Ö. M.
ISI BILIMI VE TEKNİĞİ DERGİSİ/ JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.42, no.2, pp.257-268, 2022 (SCI-Expanded)

Articles Published in Other Journals

- A parametric study to optimize the temperature of hazelnut and walnut shell gasification for hydrogen and methane production**

Öztan H., Koçyiğit Çapoğlu İ., Uysal D., Doğan Ö. M.

Bioresource Technology Reports, vol.23, no.101581, pp.1-8, 2023 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Determination of adsorption capacities of N₂ and CO₂ on commercial activated carbon and adsorption isotherm models**
Öztan H., Uysal D.
The 6th International Conference on Renewable Energy and Environment Engineering (REEE23), Brest, France, 23 - 25 August 2023, vol.433, no.1004
- II. **AKIŞKAN YATAK GAZLAŞTIRICIDA HİDROJEN ÜRETİMİ İÇİN ORCUTT MODELİ İLE SU GAZI REAKSİYONU DÖNÜŞÜMÜNÜN MODELLENMESİ**
ÖZTAN H., UYSAL D., DOĞAN Ö. M., UYSAL B. Z.
15. Ulusal Kimya Mühendisliği Kongresi (UKMK23), Çanakkale, Turkey, 4 - 07 September 2023, pp.587-590
- III. **INVESTIGATION OF CARBON DIOXIDE ABSORPTION CAPACITY AND DISSOLUTION RATE WITH GLYCEROL AND GLYCEROL + SODIUM HYDROXIDE HYBRID SOLUTION FOR POST-COMBUSTION SYSTEMS**
Koçyiğit Çapoğlu İ., Öztan H., Uysal D., Doğan Ö. M.
16th International Combustion Symposium (INCOS2022), Aydın, Turkey, 8 - 11 September 2022, pp.485-491
- IV. **A PARAMETRIC STUDY TO OPTIMIZE THE TEMPERATURE OF HAZELNUT AND WALNUT SHELL GASIFICATION FOR HYDROGEN AND METHANE PRODUCTION**
Öztan H., Koçyiğit Çapoğlu İ., Uysal D., Doğan Ö. M.
16th International Combustion Symposium (INCOS2022), Aydın, Turkey, 8 - 11 September 2022, pp.95-100
- V. **Himmetoğlu ve Seyitömer Bitümlü Şeylleri ile Plastik Şehir Atıklarının Akışkan Yataklı Reaktörde Gazlaştırılması**
Gafur A. A., Öztan H., Uysal D., Doğan Ö. M., Uysal B. Z.
Uluslararası Katılımlı 23. Isı Bilimi ve Tekniği Kongresi, Gaziantep, Turkey, 8 - 10 September 2021, vol.1, pp.824-831
- VI. **Production of Hydrogen-Rich Syngas in a Fluidized Bed**
Öztan H., Uysal Zıraman D., Doğan Ö. M., Uysal B. Z.
10. International 100 Renewable Energy Conference, İstanbul, Turkey, 2 - 04 June 2020, pp.133-142

Metrics

Publication: 8

Non Academic Experience

Professional Association, Mühendislik Eğitim Programları Değerlendirme ve Akreditasyon Derneği (MÜDEK)