

## Res. Asst. ŞEFİKA TÜRKER ÜZDEN

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-8338-100X

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### Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Kimya, Turkey 2018 - Continues

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Kimya, Turkey 2016 - 2018

Undergraduate, Eskisehir Osmangazi University, Faculty Of Science And Letters, Department Of Chemistry, Turkey 2009 - 2013

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Foreign Language, English , Oxford International English Brighton, England/UK, 2014

Occupational Health and Safety, C Sınıfı İş Güvenliği Uzmanlığı Belgesi, Çalışma ve Sosyal Güvenlik Bakanlığı, 2014

Foreign Language, English, Wall Street English (Mastery I), 2010

### Dissertations

Postgraduate, Karboksilik Asit İçeren Schiff Bazları ve Metal Komplekslerinin Sentezi ve Karakterizasyonu, Cukurova University, Fen Bilimleri Enstitüsü, Kimya, 2018

### Research Areas

Chemistry, Analytical Chemistry, Inorganic Chemistry, Natural Sciences

### Academic Titles / Tasks

Research Assistant, Cukurova University, Fen-Edebiyat Fakültesi, Kimya, 2018 - Continues

### Courses

Enstrümental Analiz Laboratuvarı, Undergraduate, 2019 - 2020  
Analitik Kimya Laboratuvarı I, Undergraduate, 2019 - 2020  
Analitik Kimya Laboratuvarı II, Undergraduate, 2018 - 2019  
Genel Kimya Laboratuvarı II, Undergraduate, 2018 - 2019  
Genel Kimya Laboratuvarı I, Undergraduate, 2018 - 2019

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Utilization of PET (waste) via hydrothermal co-gasification with sorghum for hydrogen rich gas production**  
TÜRKER ÜZDEN Ş., SEÇER A., FAKI E., HASANOĞLU A.  
JOURNAL OF THE ENERGY INSTITUTE, vol.107, 2023 (SCI-Expanded)
- II. **Co-solvent effects on hydrothermal co-gasification of coal/biomass mixtures for hydrogen production**  
HASANOĞLU A., Faki E., SEÇER A., Uzden Ş.  
FUEL, vol.331, 2023 (SCI-Expanded)
- III. **Low temperature catalytic co-solvent gasification of biomass for hydrogen rich gas**  
Seçer A., Türker Üzden Ş., Hasanoğlu A.  
JOURNAL OF THE ENERGY INSTITUTE, vol.107, no.17, pp.1-7, 2023 (SCI-Expanded)
- IV. **Hydrogen production from low temperature supercritical water Co-Gasification of low rank lignites with biomass**  
Faki E., Uzden Ş., SEÇER A., HASANOĞLU A.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.47, no.12, pp.7682-7692, 2022 (SCI-Expanded)
- V. **Hydrothermal co-gasification of sorghum biomass and çan lignite in mild conditions: An optimization study for high yield hydrogen production**  
Seçer A., Faki E., Türker Üzden Ş., HASANOĞLU A.  
International Journal of Hydrogen Energy, vol.45, no.4, pp.2668-2680, 2020 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **EVALUATION OF HYDROGEN PRODUCTION FROM GASIFICATION OF SINGLE PLASTIC (PET) AND MIX PLASTIC (PET/HDPE) WITH SORGHUM BIOMASS**  
TÜRKER ÜZDEN Ş., SEÇER A., HASANOĞLU A.  
EurasiaWeb International Conference, Incheon, South Korea, Incheon, South Korea, 7 - 08 April 2023
- II. **The effect of gasification of polyethylene terephthalate (PET) at different temperatures on total gas and hydrogen yield by atmospheric pressure vapor phase reforming**  
TÜRKER ÜZDEN Ş., HASANOĞLU A.  
3rd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2021), 15 December 2021
- III. **Synthesis and Characterization Of The Schiff Base Metal Complexes With Electrical Conductivity, Luminescence Properties And Their Stability**  
Türker Üzden Ş., Serin S.  
IMSEC 2017 2nd International Mediterranean Science And Engineering Congress, Adana, Turkey, 25 - 27 October 2017, pp.1
- IV. **Examination of the Effect of Substituent Groups on the Stability of Schiff Base Metal Complexes**  
Türker Üzden Ş., Serin S.  
Budapest 2017 International Conference On Chemical, Biological, Medical, and Pharmaceutical Sciences, Budapest, Hungary, 6 - 07 September 2017, pp.1
- V. **Bir Boyutlu Gümüş(I)-5-sülfosalisilat Kompleksinin Sentezi ve Yapısal Özelliklerinin İncelenmesi**

**{Hemim·[Ag(HSSA)(H<sub>2</sub>O)]}<sub>n</sub>**

Türker Üzden Ş., Arıcı M., Yeşilel O. Z., Şahin O.

IV. Anorganik Kimya Kongresi, Tokat, Turkey, 30 May - 02 June 2013, pp.331-379

## **Metrics**

Publication: 11

Citation (WoS): 8

Citation (Scopus): 20

H-Index (WoS): 2

H-Index (Scopus): 2

## **Congress and Symposium Activities**

IMSEC 2017 2nd International Mediterranean Science And Engineering Congress, Attendee, Adana, Turkey, 2017

Budapest 2017 International Conference On Chemical, Biological, Medical, and Pharmaceutical Sciences, Attendee, Budapest, Hungary, 2017

IV. Anorganik Kimya Kongresi, Attendee, Tokat, Turkey, 2013

## **Awards**

Türker Üzden Ş., Bölüm 3.lüğü, Eskişehir Osmangazi Üniversitesi Fen Edebiyat Fakültesi Kimya Bölümü , June 2013

Türker Üzden Ş., Şeref Belgesi, Eskişehir Osmangazi Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, January 2012

Türker Üzden Ş., Şeref Belgesi, Eskişehir Osmangazi Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, January 2011

Türker Üzden Ş., Yüksek Şeref Belgesi, Eskişehir Osmangazi Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, June 2010

Türker Üzden Ş., Şeref Belgesi, Eskişehir Osmangazi Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, January 2010