

## Res. Asst. Havva DULKADİR

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: HPD-2550-2023

### Education Information

Doctorate, Ataturk University, Fen Fakültesi, Kimya, Turkey 2022 - Continues

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Kimya, Turkey 2020 - 2022

Undergraduate, Ankara University, Fen Fakültesi, Kimya Bölümü, Turkey 2014 - 2018

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Vocational Training, TPx Uygulamaları ve Kimyasal Adsorpsiyon, Terralab, 2020

Occupational Health and Safety, İş Sağlığı ve Güvenliği, ASELSAN, 2012

Occupational Health and Safety, Elektrostatik Deşarj ve Güvenli Taşıma, ASELSAN, 2012

### Dissertations

Postgraduate, PALADYUM KATKILI WO<sub>x</sub>-ZrO<sub>2</sub> KATALİZÖR SENTEZİ, KARAKTERİZASYONU ve UYGULAMALARI, Ankara University, Fen Bilimleri Enstitüsü, Chemistry, 2022

### Research Areas

Physical Chemistry, nanocomposites, Thermodynamics, Surface Chemistry

### Academic Titles / Tasks

Research Assistant, Ataturk University, Fen Fakültesi, Kimya, 2021 - Continues

### Academic and Administrative Experience

## Courses

Temel Kimya Laboratuvarı I, Undergraduate, 2022 - 2023  
Enstrümental Analiz ve Laboratuvarı, Undergraduate, 2022 - 2023  
Fizikokimya Laboratuvarı I, Undergraduate, 2022 - 2023  
Kimya ve Laboratuvar Uygulamaları, Undergraduate, 2022 - 2023  
Genel Kimya Laboratuvarı II , Undergraduate, 2021 - 2022  
Fizikokimya Laboratuvarı II , Undergraduate, 2021 - 2022  
Kimya Laboratuvarı, Undergraduate, 2022 - 2023

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

- I. **Synthesis, characterization, modeling and catalytic testing of tungstated zirconia supported Ni catalysts for Hydrodeoxygenation of Guaiacol**  
Dulkadir H., Donar Y. O., Turksen O., Unalan A. T., Bayramoglu D., Ergenekon S., Sinag A.  
MOLECULAR CATALYSIS, vol.531, 2022 (SCI-Expanded)
- II. **Tuning the energy bandgap and nonlinear absorption coefficients of WO<sub>x</sub>/ZrO<sub>2</sub> nanocomposite thin films with the role of weight and doping concentration**  
Dulkadir H., Tekin S., Karatay A., Yildiz E. A., Donar Y. O., Sinag A., Elmali A.  
JOURNAL OF LUMINESCENCE, vol.247, 2022 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Synthesis and Characterization of Palladium doped WO<sub>x</sub>-ZrO<sub>2</sub> Catalyst**  
DULKADİR H., SINAĞ A.  
4th International Conference on Advanced Engineering Technologies, Turkey, 28 September 2022
- II. **Enhanced sonocatalytic degradation of metronidazole over chitosan based carbon quantum dots decorated TiO<sub>2</sub> nanocomposite in aqueous solution**  
Ateş Y., Karaca C., Karaca M., Dulkadir H., Açıslı Ö., Karaca S., Dural T.  
10th Drug Chemistry Conference, Antalya, Turkey, 10 April 2022, pp.74

## Supported Projects

Sinağ A., TUBITAK Project, Synthesis and applications of a new type trimetallic WO<sub>x</sub>ZrO<sub>2</sub> supported catalyst for the hydrodeoxygenation (HDO) of the compounds, 2019 - 2022

## Metrics

Publication: 4  
Citation (WoS): 3  
Citation (Scopus): 4  
H-Index (WoS): 1  
H-Index (Scopus): 1

## **Congress and Symposium Activities**

4th International Conference on Advanced Engineering Technologies, Attendee, Bayburt, Turkey, 2022  
10. International Drug Chemistry Conference, Attendee, Antalya, Turkey, 2022

## **Scholarships**

TUBITAK, 2020 - 2021