

## Res. Asst. DENİZ SEZGİN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: HOA-7760-2023

ScopusID: 57217380292

Yoksis Researcher ID: 371018

### Education Information

Doctorate, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, Turkey 2024 - Continues

Postgraduate, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, Turkey 2021 - 2024

Undergraduate, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, Turkey 2016 - 2021

### Research Areas

Chemical Engineering and Technology, Chemical Technologies, Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2023 - Continues

### Articles Published in Other Journals

- CO<sub>2</sub> capture performance of graphene oxide synthesized under ultrasound irradiation**  
Sezgin D., Sarı Yılmaz M.  
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.27, no.2, pp.681-687, 2024 (ESCI)
- Xerogel of fast kinetics and high adsorption capacity for cationic dye removal**  
Sezgin D., Sarı Yılmaz M.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.42, no.1, pp.1-9, 2024 (ESCI)

### Refereed Congress / Symposium Publications in Proceedings

- Preparation and Characterization of Binary Layered Double Hydroxide**  
Sezgin D., Sarı Yılmaz M.

5. ISPEC International Conference on Contemporary Scientific Research, Kayseri, Turkey, 21 - 22 April 2024, pp.151

II. **Kalsine Yumurta Kabuğunun Karakterizasyonu**

Sezgin D., Preza A., Sarı Yılmaz M.

14. Ulusal Kimya Mühendisliği Kongresi, Konya, Turkey, 10 - 12 June 2021, pp.1

## **Supported Projects**

Sarı Yılmaz M., Sezgin D., Sarı Erkan H., Kara N., Project Supported by Higher Education Institutions, Antibiyotiğin Elektrokimyasal Bozunumu ve Tespiti için Dörtlü  $MnFe_2O_4ZIF8@NiFe_2O_4rGO$  Nanokompozit Sentezi, 2024 - 2026

Sarı Yılmaz M., Eren T., Atilhan M., TUBITAK Project, Gıda Atığından Sentezlenen Katmanlı Malzemenin Polimerler ile Fonksiyonelleştirilerek Karbondioksit ( $CO_2$ ) Tutma Mekanizmalarının İncelenmesi, 2022 - 2024