

Res. Asst. Zeliha Betül KOL

Personal Information

Office Phone: [+90 212 383 4744](tel:+902123834744) Extension: 4744

Email: betul.kol@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/17530>

International Researcher IDs

ScholarID: pbh_HrQAAAAJ

ORCID: 0000-0001-8021-2684

Publons / Web Of Science ResearcherID: MHP-9933-2025

ScopusID: 58251639400

Yoksis Researcher ID: 397768

Education

Postgraduate, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, Turkey 2022 - 2025

Undergraduate, Yildiz Technical University, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Department of Chemical Engineering, Turkey 2017 - 2022

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, PHOTOCATALYTIC DEGRADATION OF CIPROFLOXACIN WITH MAGNETIC PHOTOCATALYST: OPTIMIZATION OF SYNTHESIS PARAMETERS , Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2025

Research Areas

Avesis Research Areas: Chemical Technologies, Electrochemical Processes, Process and Reactor Design, Process Design, Engineering and Technology

WoS Research Areas: ENGINEERING

Scopus Research Areas: General Engineering

Academic Positions

Research Assistant, Yildiz Technical University, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Department of Chemical Engineering, 2023 - Present

Articles

- I. **Photocatalytic degradation of crude oil pollutants in water resources via magnetic nanocomposite**
Salihi N. R., KOL Z. B., DURANOĞLU DİNÇER D.
Surfaces and Interfaces, vol.91, 2026 (SCI-Expanded, Scopus)
- II. **Modelling of Basic Yellow 28 adsorption onto activated carbon: batch and continuous process**
KOL Z. B., DURANOĞLU DİNÇER D.
Pigment and Resin Technology, vol.53, no.6, pp.808-815, 2024 (SCI-Expanded, Scopus)

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **PHOTOCATALYTIC DEGRADATION OF METHYLENE BLUE BY USING MAGNETIC PHOTOCATALYST**
Kol Z. B., Duranoğlu Dinçer D.
11th INTERNATIONAL CONFERENCE ON NEW TRENDS IN CHEMISTRY, Bologna, Italy, 25 - 27 April 2025, pp.97,
(Summary Text)

Metrics

Publication: 3

Congress and Symposium Activities

Discovering a New World from Macro to Nano Size: Material Characterization , Audience, İstanbul, Turkey, 2022
34. Ulusal Kimya Kongresi, Attendee, Yalova, Turkey, 2022