

## Res. Asst. MEHMETCAN BİLKAY

### Personal Information

**Email:** mehmetcanbilkay@gazi.edu.tr

**Other Email:** mehmetcanbilkay@gmail.com

**Web:** <https://avesis.gazi.edu.tr/12182>

### International Researcher IDs

ScholarID: wA4Qp-gAAAAJ

ORCID: 0000-0003-1625-8666

Publons / Web Of Science ResearcherID: AHE-1430-2022

ScopusID: 57658715000

Yoksis Researcher ID: 314734

### Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Dr), Turkey 2020 - Continues

Undergraduate, Ankara University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 2014 - 2019

### Research Areas

Analytical Chemistry

### Academic Titles / Tasks

Research Assistant, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2020 - Continues

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

- Fluorometric determination of ornidazole by using BSA coated copper nanoclusters as a novel turn off sensor**  
Bilkay M., Şatana Kara H. E.  
TURKISH JOURNAL OF CHEMISTRY, vol.46, no.2, pp.475-486, 2022 (SCI-Expanded)

### Books & Book Chapters

- İlaç ve Biyobelirteç Analizlerinde Nanobiyosensör Uygulamaları**  
Bilkay M., Erkmen C., Şatana Kara H. E., Uslu B.  
in: Eczacılıkta Yenilikler 3, Prof. Dr. Gülbin Özçelikay, Prof. Dr. İlkyay Yıldız, Editor, Ankara Üniversitesi, Ankara, pp.67-92, 2020

### Refereed Congress / Symposium Publications in Proceedings

- I. **L-SİSTEİN KAPLI BAKIR NANOKÜMELER KULLANILARAK SUNSET YELLOW TAYİNİ İÇİN FLORESANS NANOSENSÖR GELİŞTİRİLMESİ**  
Bilkay M., Karataş B., Şatana Kara H. E.  
10. Ulusal Analitik Kimya Kongresi, Muğla, Turkey, 7 - 11 September 2022, pp.51
- II. **DESLORATADİN ve DNA ETKİLEŞİMİNİN SPEKTROFLORİMETRİK OLARAK İNCELENMESİ**  
Karataş B., Bilkay M., Şatana Kara H. E.  
10.Ulusal Analitik Kimya Kongresi, Muğla, Turkey, 7 - 11 September 2022, pp.156
- III. **Synthesis of L-cysteine mediated copper nanoclusters as a turn-off fluorescent probe for the detection of indigotine**  
Bilkay M., Şatana Kara H. E.  
3th International Gazi Pharma Symposium Series, GPSS 21, Ankara, Turkey, 8 - 10 September 2021, pp.1
- IV. **Determination of ornidazole in pharmaceutical dosage forms using BSA coated fluorescent copper nanocluster**  
BİLKAY M., ŞATANA KARA H. E.  
13th Int. Symp. on Pharm. Sciences, 22 June 2021

## Supported Projects

Şatana Kara H. E., Bilkay M., Project Supported by Higher Education Institutions, Fenilalanin Kaplı Bakır Nanokümelere Sentezi ve Kanser İlaçlarının DNA ile Etkileşimlerinin Belirlenmesi İçin Floresant Prob Olarak Kullanımı, 2022 - 2023

## Metrics

Publication: 6

## Congress and Symposium Activities

3th International Gazi Pharma Symposium Series, GPSS 21, Attendee, Ankara, Turkey, 2021

13th Int. Symp. on Pharm. Sciences, Attendee, Ankara, Turkey, 2021

4th INTERNATIONAL CONGRESS ON BIOSENSORS, Audience, Çanakkale, Turkey, 2019