

## Asst. Prof. ŞAHİN BAYRAKTAR

### Personal Information

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### International Researcher IDs

ScholarID: Wc7hvnMAAAAJ

ORCID: 0000-0002-6333-4396

Publons / Web Of Science ResearcherID: U-5150-2019

ScopusID: 57188979983

Yoksis Researcher ID: 302030

### Education Information

Doctorate, Hatay Mustafa Kemal University, Graduate School Of Natural And Applied Sciences, Chemistry, Turkey 2015 - 2023

Postgraduate, Hatay Mustafa Kemal University, Graduate School Of Natural And Applied Sciences, Kimya (YI) (Tezli), Turkey 2013 - 2015

Undergraduate, Hatay Mustafa Kemal University, Faculty Of Arts And Sciences, Turkey 2008 - 2013

### Dissertations

Doctorate, Çapraz bağlı kitosan benzofuran schiff bazlarının ve metal komplekslerinin sentezi, karakterizasyonu ve antioksidan etkilerinin incelenmesi, Hatay Mustafa Kemal University, Fen Bilimleri Enstitüsü, Kimya, 2023

Postgraduate, Visnagin temelli Schiff bazı metal komplekslerinin sentezi ve katalitik aktivitelerinin incelenmesi, Hatay Mustafa Kemal University, Graduate School Of Natural And Applied Sciences, Kimya (YI) (Tezli), 2015

### Research Areas

Chemistry, Spectroscopical Methods, Inorganic Chemistry, Transition Metals, Catalysis, Coordination Chemistry, Novel Ligands

### Academic Titles / Tasks

Assistant Professor, Yozgat Bozok University, Çekerek Fuat Oktay Vocational School Of Health Services, Tıbbi Hizmetler Ve Teknikler, 2025 - Continues

Lecturer, Yozgat Bozok University, Çekerek Fuat Oktay Vocational School Of Health Services, Tıbbi Hizmetler Ve Teknikler, 2019 - 2025

### Academic and Administrative Experience

Head of Department, Yozgat Bozok University, Çekerek Fuat Oktay Vocational School of Health Services, Tıbbi Hizmetler

ve Teknikler, 2024 - Continues

Rektörlük Kalite Komisyonu Üyesi, Yozgat Bozok University, Rectorate, Rektörlük, 2020 - 2022

Birim Kalite Komisyonu Başkanı, Yozgat Bozok University, Çekerek Fuat Oktay Vocational School of Health Services, 2020 - 2022

Assistant Director of Vocational School, Yozgat Bozok University, Çekerek Fuat Oktay Vocational School of Health Services, 2020 - 2022

Head of Department, Yozgat Bozok University, Çekerek Fuat Oktay Vocational School of Health Services, Tıbbi Hizmetler ve Teknikler, 2019 - 2020

## Courses

### Associate Degree

Pharmacology II, Associate Degree, 2022 - 2023, 2021 - 2022

Staj, Associate Degree, 2023 - 2024, 2022 - 2023

Total Quality Management, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022

Information of Secretary, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022

Herbal Products, Associate Degree, 2022 - 2023, 2021 - 2022

Biyoistatistik, Associate Degree, 2022 - 2023, 2021 - 2022

Basic Chemistry, Associate Degree, 2023 - 2024, 2022 - 2023

Filing and Archiving, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022

Farmakoloji I, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022

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

- Synthesis, characterization and catecholase-like activity of new Schiff base metal complexes derived from visnagin: Theoretical and experimental study**  
Beyazit N., Catikkas B., Bayraktar Ş., Demetgul C.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1119, pp.124-132, 2016 (SCI-Expanded)

## Articles Published in Other Journals

- Chemical Characterization and Antioxidant Activity of Rosa canina L. From Çekerek Region of Yozgat, Turkey**  
Bayraktar Ş., Ateş Bayraktar N.  
Bozok Journal of Science, vol.2, no.2, pp.98-103, 2024 (Peer-Reviewed Journal)

## Papers Published in Refereed Scientific Meetings

- Determination of Physical and Chemical Properties of Rose Hip Fruits Growing Naturally In Yozgat Çekek Region**  
Bayraktar Ş., Coşkunsoy M.  
16th International Istanbul Scientific Research Congress On Life, Engineering, Architecture, and Mathematical Sciences, İstanbul, Turkey, 28 - 29 February 2024, pp.471
- Yeni Tip Kitosan Türevlerinin Sentezi ve Karakterizasyonu**  
BAYRAKTAR Ş., DEMETGÜL C.  
34. Ulusal Kimya Kongresi, Yalova, Turkey, 01 September 2022, pp.392
- The Synthesis, Structure and Catalytic Activity of Iron(II) Complex with New N2O2 Donor Schiff Base Ligand**

BEYAZİT N., BAYRAKTAR Ş., DEMETGÜL C.

ICCEAC 2015 : 17th International Conference on Chemical Engineering and Applied Chemistry, ROMA, Italy, 20 September 2015

- IV. **Copper(II) Complex of New Tetradentate Asymmetrical Schiff Base Ligand: Synthesis, Characterization and Catecholase-Mimetic Activity**  
DEMETGÜL C., BAYRAKTAR Ş., BEYAZİT N.  
ICCEAC 2015 : 17th International Conference on Chemical Engineering and Applied Chemistry, ROMA, Italy, 20 September 2015
- V. **Catecholase-Mimetic Activity of Fe(II) Complex with new N2O2 Donor Schiff Base Ligand**  
BEYAZİT N., DEMETGÜL C., BAYRAKTAR Ş.  
Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina with International Participation, SARAYBOSNA, Bosnia And Herzegovina, 10 October 2014
- VI. **Visnagin Temelli Yeni Tip Asimetrik Schiff Bazı Cu(II) Kompleksinin Katekolaz Benzeri Aktivitesinin Kinetik Çalışmaları**  
BAYRAKTAR Ş., BEYAZİT N., DEMETGÜL C.  
V. Ulusal Anorganik Kimya Kongresi, Adana, Turkey, 12 April 2015
- VII. **Kinetic Studies on Catecholase-Like Activity of New Schiff Base Cu(II) Complex**  
DEMETGÜL C., BEYAZİT N., BAYRAKTAR Ş.  
Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina with International Participation, SARAYBOSNA, Bosnia And Herzegovina, 10 October 2014
- VIII. **Kromon Türevi Schiff Bazı Metal Kompleksinin Sentezi, Karakterizasyonu ve Katekolaz Aktivitesinin İncelenmesi**  
BEYAZİT N., DEMETGÜL C., BAYRAKTAR Ş.  
2. Ulusal Organik Kimya Kongresi, Ankara, Turkey, 24 September 2014
- IX. **Kromon Schiff Bazı Fe(II) Kompleksinin Sentezi, Karakterizasyonu ve Katalitik Aktivitesi**  
BEYAZİT N., DEMETGÜL C., BAYRAKTAR Ş.  
5. Ulusal Kataliz Kongresi, Adana, Turkey, 20 April 2014
- X. **Visnagin Temelli Schiff Bazı Cu(II) Kompleksinin Sentezi ve Katalitik Çalışmalar**  
BAYRAKTAR Ş., DEMETGÜL C., BEYAZİT N.  
5. Ulusal Kataliz Kongresi, Adana, Turkey, 20 April 2014

## Supported Projects

Beyazit N., Demetgül C., TÜBİTAK Project, Ammi Visnaga Lam Lamarck Bitkisinden İzole Edilen Visnagin Temelli Schiff Bazı Metal Komplekslerinin Sentezi ve Katalitik Aktivitelerinin İncelenmesi (TÜBİTAK-113Z604) 2016., 2012 - 2016

## Metrics

Publication: 12

Citation (WoS): 28

Citation (Scopus): 44

H-Index (WoS): 1

H-Index (Scopus): 1

## Scholarships

Ammi Visnaga (Lam.) Lamarck Bitkisinden İzole Edilen Visnagin Temelli Schiff Bazı Metal Komplekslerinin Sentezi ve Katalitik Aktivitelerinin İncelenmesi, TÜBİTAK, 2014 - 2016

## **Non Academic Experience**

Aschem Petrokimya Sanayi A.Ş., Kalite Laboratuvar Personeli