

# DUYGU BAYRAMOĞLU

## ASST. PROF.

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-3282-2020

ScopusID: 56218278700

Yoksis Researcher ID: 105235



## Learning Knowledge

Doctorate

2011 - 2018

Ankara University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey

Postgraduate

2008 - 2011

Ankara University, Fen Fakültesi, Kimya Bölümü, Turkey

## Foreign Languages

English, B2 Upper Intermediate

## Academic Titles / Tasks

Assistant Professor

2024 - Continues

Ankara University, Fen Fakültesi, Kimya Bölümü

Research Assistant PhD

2009 - Continues

Ankara University, Fen Fakültesi, Kimya Bölümü

## Supported Projects

- Bayramoğlu D., Güllü M., Demirbüğen Öz M., TUBITAK Project, Çoklu hedefleme potansiyeline sahip yeni heterohalkalı amin sübstitüe aza-kondanse trisiklik hibrit moleküllerin sentezi ve biyolojik aktivitelerinin incelenmesi, 2024 - 2026
- Yakut M., Bayramoğlu D., Güllü M., TUBITAK Project, Yeni Heterosiklik Amin Temelli Dihidropiridin Hibrit Moleküllerin Sentezi ve Biyolojik Özelliklerinin incelenmesi, 2022 - 2023
- GÜLLÜ M., BAYRAMOĞLU D., Project Supported by Higher Education Institutions, Bazı Yeni Pirimido[1,2-a]Pirimidin Türevi Bileşiklerin Sentezi, 2015 - 2017

## Jury Memberships

Post Graduate, Post Graduate, Ankara Üniversitesi, July, 2024

## Taught Courses And Trainings

Bayramoğlu D., Donar Y. O., Laborantlar Temel Eğitim Programı, 2022 - 2022

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

- Synthesis and characterization of ordered mesoporous carbon-based materials for electrochemical detection of environmental pollutants**  
Gaber A., Bilge Yücel S., Bayramoğlu D., Donar Y. O., Sinağ A.  
Trends in Environmental Analytical Chemistry, vol.42, 2024 (SCI-Expanded)
- Recent developments and modification strategies in electrochemical sensors based on green nanomaterials for catechol detection**  
Donar Y. O., Bilge Yücel S., Bayramog D., Ozoylumlu B., Ergenekon S., Sinag A.  
TRENDS IN ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.41, 2024 (SCI-Expanded)
- Synthesis, characterization, modeling and catalytic testing of tungstated zirconia supported Ni catalysts for Hydrodeoxygenation of Guaiacol**  
DONAR Y. O., TÜRKŞEN Ö., Ünalın A. T., BAYRAMOĞLU D., Ergenekon S., Dulkadir H., SINAĞ A.  
Molecular Catalysis, vol.531, 2022 (SCI-Expanded)
- An Efficient Synthetic Method for the Synthesis of Novel Pyrimido[1,2-a]Pyrimidine-3-Carboxylates: Comparison of Irradiation and Conventional Conditions**  
BAYRAMOĞLU D., GÜLLÜ M.  
POLYCYCLIC AROMATIC COMPOUNDS, vol.42, no.8, pp.4948-4964, 2022 (SCI-Expanded)
- Ultrasound-assisted rapid synthesis of 2-aminopyrimidine and barbituric acid derivatives**  
BAYRAMOĞLU D., KURTAY G., GÜLLÜ M.  
SYNTHETIC COMMUNICATIONS, vol.50, no.5, pp.649-658, 2020 (SCI-Expanded)
- Thermal conversion of glycerol to value-added chemicals: pyridine derivatives by one-pot microwave-assisted synthesis**  
BAYRAMOĞLU D., Gurel G., SINAĞ A., GÜLLÜ M.  
TURKISH JOURNAL OF CHEMISTRY, vol.38, no.4, pp.661-670, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- THE COMPARISON OF ANTIOXIDANT AND ANTIBACTERIAL ACTIVITY OF NOVEL PYRIMIDO[1,2-a]PYRIMIDINE COMPOUNDS**  
BAYRAMOĞLU D., DEMIRBÜGEN OZ M., KIYMACI M. E.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.47, no.1, pp.1-8, 2023 (Scopus)
- Ultrasound-Assisted One-Pot Synthesis of 9-(Substituted heteroaryl) acridinedione Derivatives**  
BAYRAMOĞLU D., ÖZGÜR M.  
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.9, pp.1610-1620, 2021 (Peer-Reviewed Journal)
- Residual Efficacy of Diflubenzuron on Mosquito Larvae around Ankara province in Turkey**  
YİĞİT N., YAZICI ÖZÇELİK E., GÜL N., SAYGILI YİĞİT F., BAYRAMOĞLU D., ÇETİNTÜRK D., eskizengin H.  
Acta Biologica Turcica, vol.32, no.2, pp.18-22, 2019 (Peer-Reviewed Journal)

## Books & Book Chapters

1. **Organik Kimya İkinci Bir Dil (İkinci Dönem Konuları)**  
Kalkan M., Yakut M., Bayramoğlu D., Kurtay G., Eroğlu F. (Editor)  
Palme Yayın Dağıtım, Ankara, 2023
2. **Organik Kimya İkinci Bir Dil (Birinci Dönem Konuları)**  
Kalkan M., Yakut M., Bayramoğlu D., Kurtay G., Eroğlu F. (Editor)  
Palme Yayın Dağıtım, Ankara, 2022

## Refereed Congress / Symposium Publications in Proceedings

1. **Synthetic strategies for the conversion reactions of alkenyl pyrimido[1,2-a]pyrimidines to furopyrimido[1,2-a]pyrimidines**  
Bayramoğlu D., Arıbalı Öter S., Güllü M.  
5TH INTERNATIONAL EURASIAN CONFERENCE ON SCIENCE, ENGINEERING AND TECHNOLOGY, Ankara, Turkey, 26 - 28 June 2024
2. **Ultrasound-assisted Synthesis of Novel Potential Biological Active 1,4-Dihydropyridines**  
YAKUT M., BAYRAMOĞLU D.  
2. Eurasia Biochemical Approaches and Technologies Congress (2. EBAT), 26 - 29 October 2019
3. **Residual Activity of Diflubenzuron on Mosquito Larvae and its Effects on Acetylcholinesterase (EC 3.1.1.7) Activity and Liver Ultrastructure of Rats**  
YİĞİT N., YAZICI ÖZÇELİK E., GÜL N., SAYGILI YİĞİT F., BAYRAMOĞLU D.  
11th European Vertebrate Pest Management Conference, Varşova, Poland, 25 - 29 September 2017
4. **Ultraseste destekli 2 aminopirimidin ve barbütirik asit türevlerinin tek kaptaki çok bileşenli sentezi**  
BAYRAMOĞLU D., KURTAY G., GÜLLÜ M.  
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
5. **Pirimido[1,2-a]Pirimidinlerin Yeni Türevlerinin Sentezi**  
Bayramoğlu D., Güllü M.  
29. Ulusal Kimya Kongresi, Ankara, Turkey, 10 - 14 September 2017
6. **Value-Added Chemicals from Glycerol Microwave-Assisted Conversion of Glycerol to Heteroaromatics**  
Bayramoğlu D., Güllü M.  
44th World Chemistry Congress UIPAC, İstanbul, Turkey, 11 - 16 August 2013

## Courses

İleri Organik Kimya, Postgraduate, 2024 - 2025

Temel Kimya, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Temel Kimya, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Organic Chemistry Laboratory, Undergraduate, 2022 - 2023

New Trends in Organic Chemistry, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Organic Chemistry Laboratory, Undergraduate, 2022 - 2023

## Patent

Sınağ A., Donar Y. O., Türkşen Ö., Bayramoğlu D., Ergenekon S., Ünalın A. T., Özoylumlu B., FURFURAL KİMYASAL BİLEŞİKLERİNDEN 2-METİL FURAN SENTEZİ İÇİN KULLANIMA UYGUN BİR KATALİZÖR, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: 2021/019920 , Standard Registration, 2024

## Scientific Refereeing

ORGANIC COMMUNICATIONS, Journal Indexed in ESCI, August 2024

Mediterranean Journal of Chemistry, Other journals, January 2023

## Metrics

Publication: 17

Citation (WoS): 23

Citation (Scopus): 25

H-Index (WoS): 3

H-Index (Scopus): 3

## Congress and Symposium Activities

5TH INTERNATIONAL EURASIAN CONFERENCE ON SCIENCE, ENGINEERING AND TECHNOLOGY, Attendee, Ankara, Turkey, 2024

## Research Areas

Chemistry of Aromatic Compounds, Chemistry of Natural Products, Chemistry of Heterocyclic Compounds, Organic Reaction Mechanisms, Organic Spectroscopy, Natural Sciences