

## **Res. Asst. Veselina Adımcılar**

### **Personal Information**

**Email:** adimcilar@itu.edu.tr

### **International Researcher IDs**

ORCID: 0000-0002-7016-1200

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### **Education Information**

Doctorate, Istanbul Technical University, Fen-Edebiyat, Kimya, Turkey 2017 - Continues

Doctorate, Bogazici University, Institute Of Science, Kimya Bölümü, Turkey 2016 - Continues

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kimya Programı, Turkey 2014 - 2016

Undergraduate, Istanbul Technical University, Fen Edebiyat Fakültesi, Kimya Bölümü, Turkey 2010 - 2014

### **Foreign Languages**

English, C1 Advanced

French, B1 Intermediate

### **Dissertations**

Postgraduate, BİYOJENİK AMİNLERİN KAPİLER ELEKTROFOREZ YÖNTEMİ İLE TEMASSIZ İLETKENLİK DEDEKTÖRÜ KULLANILARAK AYRILMASI VE FERMENTE GİDALARDA TAYİNİ, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Bölümü, 2016

### **Research Areas**

Basic Sciences, Chemistry, Analytical Chemistry, Food Analysis

### **Academic Titles / Tasks**

Research Assistant, Istanbul Technical University, Fen-Edebiyat, Kimya, 2017 - Continues

### **Academic and Administrative Experience**

Analitik Kimya Araştırma Görevlisi Temsilciliği, İstanbul Technical University, Fen-Edebiyat, Kimya, 2020 - 2021

Analitik Kimya Araştırma Görevlisi Temsilciliği, İstanbul Technical University, Fen-Edebiyat, Kimya, 2019 - 2020

### **Courses**

General Chemistry Laboratory I, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Analitik Kimya & Enstrumental Analiz Laboratuvarı, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Analitik Kimya Laboratuvarı , Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Enstrumental Analiz Yöntemleri Laboratuvarı, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

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

- I. **Khellin and visnagin in different organs of Ammi visnaga and Ammi majus**  
Adımcılar V., BEYAZİT N., Berker F. B.  
NATURAL PRODUCT RESEARCH, vol.37, no.1, pp.164-166, 2023 (SCI-Expanded)
- II. **Comparative study of cytotoxic activities, DNA binding and molecular docking interactions of anticancer agent epirubicin and its novel copper complex**  
Adımcılar V., ÇEŞME M., Senel P., Danis I., Unal D., Gölcü A.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1232, 2021 (SCI-Expanded)
- III. **Antibacterial nano cerium oxide/chitosan/cellulose acetate composite films as potential wound dressing**  
Kalaycıoğlu Z., Kahya N., Adımcılar V., Kaygusuz H., Torlak E., Akin-Evingür G., Erim F. B.  
EUROPEAN POLYMER JOURNAL, vol.133, 2020 (SCI-Expanded)
- IV. **Investigations on crystal structure of a novel 3-((4,6-dimethylpyrimidin-2-yl)amino)isobenzofuran-1(3H)-one, and related theoretical studies**  
Yılmaz Z. T., Odabasoglu H. Y., Senel P., Adımcılar V., ERDOĞAN T., Özdemir A., Gölcü A., ODABAŞOĞLU M., BÜYÜKGÜNGÖR O.  
ARABIAN JOURNAL OF CHEMISTRY, vol.13, no.6, pp.5564-5580, 2020 (SCI-Expanded)
- V. **A novel 3-((5-methylpyridin-2-yl)amino)isobenzofuran-1(3H)-one: Molecular structure describe, X-ray diffractions and DFT calculations, antioxidant activity, DNA binding and molecular docking studies**  
Yılmaz Z. T., Odabasoglu H. Y., Senel P., Adımcılar V., Erdogan T., Özdemir A., Golcu A., Odabasoglu M.  
Journal of Molecular Structure, vol.1205, 2020 (SCI-Expanded)
- VI. **Rosmarinic and carnosic acid contents and correlated antioxidant and antidiabetic activities of 14 Salvia species from Anatolia**  
Adımcılar V., Kalaycıoğlu Z., Aydogdu N., Dirmenci T., Kahraman A., Erim F. B.  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.175, 2019 (SCI-Expanded)
- VII. **A fast and convenient analysis method for the determination of cations in pomegranate juices by capillary electrophoresis with contactless conductivity detection**  
Adımcılar V., Öztekin N.  
TURKISH JOURNAL OF CHEMISTRY, vol.43, no.2, pp.547-554, 2019 (SCI-Expanded)
- VIII. **A Direct and Sensitive Analysis Method for Biogenic Amines in Dairy Products by Capillary Electrophoresis Coupled with Contactless Conductivity Detection**  
Adımcılar V., Öztekin N., Erim F. B.  
FOOD ANALYTICAL METHODS, vol.11, no.5, pp.1374-1379, 2018 (SCI-Expanded)
- IX. **Natural alginate biopolymer montmorillonite clay composites for vitamin B2 delivery**  
KAYGUSUZ H., UYSAL M., Adımcılar V., Erim F. B.  
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.30, no.1, pp.48-56, 2015 (SCI-Expanded)

## **Articles Published in Other Journals**

- I. İdrarda Orotik Asit'in Temassız İletkenlik Dedektörü Kullanılarak Kapiler Elektroforez Yöntemi İle Hızlı Tayini  
CANSEVER M. Ş., ÖZTEKİN N., ADIMCILAR V., ZÜBARİOĞLU T., KIYKIM E., AKTUĞLU ZEYBEK A. Ç.  
Süleyman Demirel Üniversitesi Fen Edebiyat Fakültesi Fen Dergisi, vol.15, no.2, pp.194-202, 2020 (Peer-Reviewed Journal)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. Preparation and comparison of electrospun matrice and hydrogel based controlled release systems for chemotherapeutic agent epirubicin and metal complexes  
ADIMCILAR V., ALTAY F., BÜTÜN V., GÖLCÜ A.  
Euroanalysis XX Conference, İstanbul, Turkey, 1 - 05 September 2019, pp.92
- II. Rosmarinic and Carnosic Acid Contents and Correlated Biological Activities of 15 Salvia Species from Anatolia  
BERKER F. B., KALAYCIOĞLU Z., ADIMCILAR V., Aydoğdu N., DİRMENCI T.  
1st International Congress on Analytical and Bioanalytical Chemistry, 27 - 30 March 2019
- III. In Vitro Controlled Release of an Anticancer Drug Epirubicin from pH Sensitive Hydrogel Systems  
GÖLCÜ A., BÜTÜN V., ADIMCILAR V.  
1st International Congress on Analytical and Bioanalytical Chemistry-27-30 March, 2019-Antalya/Turkey, 27 - 30 March 2019
- IV. Determination of Nutritive Metal Ions in Pomegranate Juices by Capillary Electrophoresis with Contactless Conductivity Detection  
Adımcılar V., Öztekin N.  
18th with International Participation Chromatography Congress, İstanbul, Turkey, 15 - 18 November 2018, pp.54
- V. Determination of Propionic acid Contents in Breads with Capillary Electrophoresis and Contactless Conductivity Detection  
TAŞER M., ADIMCILAR V., ÖZTEKİN N.  
18th with International Participation Chromatography Congress, İstanbul, Turkey, 15 - 18 November 2018, pp.54
- VI. Investigation of the Formation of Epirubicin-Fe by Liquid Chromatography-Mass Spectrometry  
ADIMCILAR V., ÇEŞME M., ÜNAL D. Ş., GÖLCÜ A.  
18th with International Participation Chromatography Congress, İstanbul, Turkey, 15 - 18 November 2018
- VII. Determination of Tartaric and Citric Acid Contents in Different Pomegranate Juices by Capillary Electrophoresis Coupled with Contactless Conductivity Detection  
ADIMCILAR V., ASKEROĞLU Z., ÖZTEKİN N.  
International Conference on Food, Nutrition and Dietetics, Gastronomy Research, Antalya, Turkey, 28 - 30 November 2018, pp.191-196
- VIII. Formation of Epirubicin Metal Based Composition in Analytical Conditions  
ADIMCILAR V., ÇEŞME M., GÖLCÜ A.  
8TH BLACK SEA BASIN CONFERENCE ON ANALYTICAL CHEMISTRY, İstanbul, Turkey, 9 - 11 May 2018, pp.193
- IX. FORMATION OF Pt(II) - EPIRUBICIN METAL BASED COMPOUND IN ANALYTICAL CONDITIONS  
ADIMCILAR V., ÇEŞME M., ÜNAL D. Ş., GÖLCÜ A.  
12th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 26 - 29 June 2018, pp.276
- X. Separation and determination of rosmarinic and carnosic acid contents of Anatolian Salvia species by capillary electrophoresis: Correlation between ingredient contents and plant antioxidant activities  
KALAYCIOĞLU Z., ADIMCILAR V., DİRMENCI T., BERKER F. B.  
8th Black Sea Basin Conference on Analytical Chemistry, 9 - 11 May 2018

## **Supported Projects**

Berker F. B., Adımcılar V., Project Supported by Higher Education Institutions, Bitkisel Kaynaklı Biyoaktif Bileşenler Üzerine Analitik Çalışmalar, 2020 - Continues

Berker F. B., Kaygusuz H., Kalaycıoğlu Z., Kahya N., TORLAK E., Adımcılar V., Project Supported by Higher Education Institutions, Seryum iyonu ve nano seryum oksit içerikli yeni yara kapıcı çitosan bazlı hidrojel filmlerin hazırlanması: Antibakteriyel ve fiziksel özelliklerinin incelenmesi, 2017 - 2020

Gölcü A., ÇEŞME M., Şenel P., Adımcılar V., Project Supported by Higher Education Institutions, Kemoterapötik İlaç Adayları Geliştirme Çalışmaları, 2017 - 2019

## **Metrics**

Publication: 22

Citation (WoS): 127

Citation (Scopus): 204

H-Index (WoS): 6

H-Index (Scopus): 6

## **Awards**

Adımcılar V., Bölüm Birinciliği ile Mezuniyet, İstanbul Teknik Üniversitesi, July 2014