



İSTANBUL AYDIN ÜNİVERSİTESİ ECZACILIK FAKÜLTESİ

E-BÜLTEN

1 ŞUBAT- 28 ŞUBAT 2025





İSTANBUL AYDIN ÜNİVERSİTESİ ECZACILIK FAKÜLTESİ

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İSTANBUL AYDIN ÜNİVERSİTESİ

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BÖLÜMLER VE ANABİLİM DALLARI

Eczacılık Teknolojisi Bölümü

- Farmasötik Teknoloji Anabilim Dalı

Eczacılık Meslek Bilimleri Bölümü

- Farmakoloji Anabilim Dalı
- Farmasötik Kimya Anabilim Dalı
- Farmakognozi Anabilim Dalı
- Farmasötik Toksikoloji Anabilim Dalı

Temel Eczacılık Bilimleri Bölümü

- Analitik Kimya Anabilim Dalı
- Biyokimya Anabilim Dalı
- Farmasötik Mikrobiyoloji Anabilim Dalı



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Şubat

Analitik Kimya Anabilim Dalı Öğretim Üyemiz Dr. Öğr. Üyesi Cem Erkmen'in Q1 kapsamında yer alan Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy dergisinde *Probing the artocaine–human serum albumin interaction and influences of paracetamol and caffeine on the interaction by spectroscopy, voltammetry, and bioinformatics* isimli çalışması yayınlanmıştır.

Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 333 (2025) 125776



Contents lists available at [ScienceDirect](https://www.sciencedirect.com)

Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy

journal homepage: www.journals.elsevier.com/spectrochimica-acta-part-a-molecular-and-biomolecular-spectroscopy



Probing the artocaine–human serum albumin interaction and influences of paracetamol and caffeine on the interaction by spectroscopy, voltammetry, and bioinformatics

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HIGHLIGHTS

- The ART-HSA binding was evaluated in the absence and presence of PAR and CAF.
- The ART binding to HSA was significantly affected in the presence of PAR and CAF.
- The DPV technique was used to evaluate

GRAPHICAL ABSTRACT





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Şubat

Chapter 6

Electrochemical Methods for Nutrient Detection

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Analitik Kimya Anabilim Dalı Öğretim Üyelerimiz Dr. Öğr. Üyesi Cem Erkmen ve Arş. Gör. Dr. Zeynep Türk'ün ACS tarafından yayınlanan *Agricultural Electrochemistry* isimli uluslararası kitapta *Electrochemical Methods for Nutrient Detection* isimli kitap bölümleri yayınlanmıştır.

Nutrients are essential substances that organisms require in order to survive, grow and maintain health. Playing a critical role in various biological processes and overall well-being, accurate detection of nutrients is crucial for optimizing agricultural practices, ensuring crop health, and maximizing yield in order to meet growing food demands. Moreover, in healthcare, precise nutrient detection is vital for diagnosing deficiencies, monitoring dietary intake, and promoting overall well-being through the implementation of personalized nutrition plans. The field of



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Şubat

Chapter 13

Biosensors for Food Safety in Agriculture

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Analitik Kimya Anabilim Dalı Öğretim Üyemiz Dr. Öğr. Üyesi Cem Erkmen'in ACS tarafından yayınlanan *Agricultural Electrochemistry* isimli uluslararası kitapta *Biosensors for Food Safety in Agriculture* isimli kitap bölümleri yayınlanmıştır.

In the agricultural sector, food quality is critically important for public health, economic sustainability, and consumer satisfaction. Producing high-quality food requires meticulous monitoring throughout the processing, storage, and distribution of agricultural products. Any contamination or quality degradation during this process can lead to serious health risks and economic losses. Effective monitoring and assessment of food quality have become possible using modern technologies. In this context, biosensors play a significant role by providing rapid,



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Prof. Dr. Necmettin Erbakan Anadolu Lisesine Tanıtım Ziyareti

Fakülte Dekan Yardımcımız Doç. Dr. Sevgi Karakuş
26 Şubat Çarşamba günü Prof. Dr. Necmettin
Erbakan Anadolu Lisesi öğrencilerine eczacılık
eğitimi ve eczacılık mesleği hakkında bir sunum
gerçekleştirdi.

