

Prof. BENGİ USLU

Personal Information

Office Phone: [+90 312 203 3178](tel:+903122033178)

Email: buslu@pharmacy.ankara.edu.tr

Web: <https://avesis.ankara.edu.tr/buslu>

International Researcher IDs

ORCID: 0000-0002-7327-4913

ScopusID: 7004051343

Yoksis Researcher ID: 25664

Education Information

Associate Degree, Anadolu University, Açıköğretim Fakültesi, İş Sağlığı ve Güvenliği, Turkey 2021 - 2023

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Dr), Turkey 1993 - 1999

Postgraduate, Ankara University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (YI) (Tezli), Turkey 1990 - 1993

Undergraduate, Ankara University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1986 - 1990

Dissertations

Doctorate, Penisilinlerin ve Amitriptil'xxin elektroanalitik incelenmesi, Ankara University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Dr), 1999

Postgraduate, Modifiye elektrotlarla bazı moleküllerin elektrooksidasyonu, Ankara University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (YI) (Tezli), 1993

Research Areas

Health Sciences

Academic Titles / Tasks

Professor, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2009 - Continues

Associate Professor, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2003 - 2009

Lecturer, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2002 - 2003

Research Assistant, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 1992 - 2002

Academic and Administrative Experience

Fakülte Yönetim Kurulu Üyesi, Ankara University, Eczacılık Fakültesi, 2019 - Continues

Ankara University, 2017 - 2020

Deputy Head of Department, Ankara University, 2015 - 2020

Courses

Electroanalytical Chemistry, Postgraduate, 2022 - 2023, 2021 - 2022
Nanosensors, Doctorate, 2022 - 2023
Nanosensors, Doctorate, 2022 - 2023, 2021 - 2022
Spectroscopic and Chromatographic Methods in Forensic Sciences, Postgraduate, 2022 - 2023, 2021 - 2022
Adli Bilimlerde Analitik Yöntemler, Postgraduate, 2022 - 2023
Analitik Yöntem Optimizasyonu ve Validasyonu, Postgraduate, 2022 - 2023
Analitik Yöntem Geçerlilik Testleri, Postgraduate, 2022 - 2023
Analitik Kimya I Pratik, Undergraduate, 2022 - 2023, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004
Analitik Kimya I, Undergraduate, 2022 - 2023, 2012 - 2013, 2010 - 2011, 2008 - 2009, 2006 - 2007, 2004 - 2005
Analytical Chemistry Practice I, Undergraduate, 2022 - 2023
Aletli Analiz, Undergraduate, 2022 - 2023, 2013 - 2014, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2006 - 2007
COMPUTER USAGE AND CALCULATION IN ANALYTICAL CHEMISTRY, Undergraduate, 2021 - 2022
Analitik Kimya II Pratik, Undergraduate, 2021 - 2022, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004
Analitik Yöntem Geçerlilik Testleri Uygulama, Postgraduate, 2022 - 2023
Genel Kimya II, Undergraduate, 2021 - 2022, 2013 - 2014, 2011 - 2012, 2009 - 2010, 2007 - 2008, 2005 - 2006
Analitik Kimyada Hesaplamalar Ve Bilgisayar Kullanımı, Undergraduate, 2021 - 2022
Voltametri ve Polarografi I, Doctorate, 2013 - 2014
Modifiye Elektrotlar Pratik, Doctorate, 2013 - 2014
Voltametri ve Polarografi II Pratik, Doctorate, 2013 - 2014
Modifiye Elektrotlar, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004
Biyolojik Sistemlerde İlaç Etkisinin Fizikokimyasal Prensipleri, Doctorate, 2013 - 2014
Analitik Kimya I Pratik, Undergraduate, 2013 - 2014, 2012 - 2013
Elektroanalitik Kimya I, Postgraduate, 2013 - 2014
Genel Kimya I, Undergraduate, 2013 - 2014
Elektroanalitik Kimyada İleri Konular (Pra), Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004
Kolloid Kimyası, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004
Voltametri ve Polarografi I Pratik, Doctorate, 2013 - 2014
Analitik Kimya II, Undergraduate, 2012 - 2013, 2010 - 2011, 2008 - 2009, 2006 - 2007, 2004 - 2005, 2003 - 2004
Voltametri Polarografi I Pratik, Doctorate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004
Biyolojik Sistemlerde İlaç Etkisinin Fizikokimyasal Prensipleri, Doctorate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004
Voltametri Polarografi II Pratik, Doctorate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004
Modifiye Elektrotlar Pratik, Doctorate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004
Analitik Validasyon, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2008 - 2009, 2006 - 2007
Genel Kimya I, Doctorate, 2011 - 2012, 2009 - 2010, 2007 - 2008, 2005 - 2006
Elektroanalitik Kimyada İleri Konular Pratik, Doctorate, 2009 - 2010

Advising Theses

Uslu B., Investigation of the Interactions of Some Drug Active Ingredients Used in Parkinson's Treatment with Human Serum Proteins Using Analytical and Molecular Docking Methods, Doctorate, S.Ayla(Student), Continues

Uslu B., Development of Sensor Platforms for the Diagnosis of COVID-19 Biomarker miRNAs, Doctorate, D.Nur(Student), Continues

Uslu B., Development of Electrochemical Nanosensors for the Determination of Enzyme Inhibitor Pesticides, Doctorate, M.Çelik(Student), Continues

Uslu B., Propazin ve kinoksifen'in sığır serum albümini ile etkileşiminin spektrofotometrik ve hesaplamalı teknikler kullanılarak incelenmesi, Postgraduate, B.DUMAN(Student), 2023

Uslu B., Difenil eter grubu herbisitlerin biyolojik numunelerden tayinine yönelik sıvı kromatografisi yöntemi geliştirilmesi ve pestisit-protein etkileşimlerinin incelenmesi, Postgraduate, H.SAPMAZ(Student), 2023

Uslu B., Sefprozilin tayini için elektrokimyasal ve stabilite göstergeli kromatografik yöntemlerin geliştirilmesi, Postgraduate, A.ORTAK(Student), 2023

Uslu B., Bazı pestisitlerin ayırma yöntemleri ile analizi, pestisit-DNA etkileşimin incelenmesi ve DNA hasarının araştırılması, Doctorate, B.BUĞRA(Student), 2022

Uslu B., AYDOĞDU TIĞ G., Beyin hasarı biyobelirteçlerinin biyolojik numunelerden erken teşhisine yönelik analitik yöntem geliştirilmesi, Doctorate, C.ERKMEN(Student), 2022

Uslu B., Stabilite göstergeli sıvı kromatografisi ile montelukast içeren ikili etken maddelerin farmasötik dozaj şekillerinden aynı anda analizi, Doctorate, S.ZENGİN(Student), 2022

Uslu B., Antifibrotik ilaç pirfenidon'un tayinine yönelik elektrokimyasal çalışmalar ve uygulamaları, Postgraduate, Ö.SELÇUK(Student), 2022

USLU B., Escherichia coli tayini için yatay akış immünoassay platformlarının geliştirilmesi, Postgraduate, A.GÜMÜŞTAŞ(Student), 2019

USLU B., Bazı pestisitlerin sıvı kromatografisi yöntemi ile eş zamanlı analizi, Postgraduate, W.HNDEYA(Student), 2019

USLU B., Yeni nesil HILIC kolon kullanılarak bazı antiviral ilaçların farmasötik dozaj şekillerinden sıvı kromatografisi ile analizi, Postgraduate, C.ERKMEN(Student), 2017

USLU B., Dutasterit ve tamsulosin hcl'nin yeni nesil kolonlar kullanarak bazı sıvı kromatografik yöntemlerle eş zamanlı analizi ve optimizasyonu, Postgraduate, B.BUĞRA(Student), 2016

USLU B., Yeni nesil nanosensör tasarımı ve antiparkinson ilaç analizlerinde kullanımı, Doctorate, B.BOZAL(Student), 2015

USLU B., Enalapril Maleat ve Hidroklorotizidi birlikte içeren kombine farmasötik preparatlardan bu maddelerin aynı anda analizi için yeni kromatografik yöntem geliştirilmesi, Postgraduate, T.ÖZDEN(Student), 2011

USLU B., Kinapril HCL ve hidroklorotiyazidi birlikte içeren kombine farmasötik preparatlardan bu maddelerin aynı anda analizi için yeni kromatografik yöntem geliştirilmesi, S.ALTUNSOY(Student), 2010

USLU B., Kinapril HCL ve hidroklorotiyazidi birlikte içeren kombine farmasötik preparatlardan bu maddelerin aynı anda analizi için yeni kromatografik yöntem geliştirilmesi, Postgraduate, S.ALTUNSOY(Student), 2010

USLU B., Lornoksikam'ın elektroanalitik incelenmesi ve tayini, Postgraduate, B.BOZAL(Student), 2009

USLU B., Etodolak'ın stabilite göstergeli sıvı kromatografisi ile ilaç dozaj şekillerinden tayini, Postgraduate, C.ADIGÜZEL(Student), 2009

USLU B., Zolmitriptan'ın elektroanalitik incelenmesi ve tayini, Postgraduate, D.CANBAZ(Student), 2008

USLU B., Kare dalga voltametri ve uygulamaları, Postgraduate, E.AYAZLI(Student), 2007

USLU B., Opipramol'ün elektroanalitik incelenmesi, Postgraduate, E.TURHAN(Student), 2007

USLU B., Diferansiyel puls voltametri ile ilaç analizleri, Postgraduate, D.SAKALLI(Student), 2006

Jury Memberships

Doctorate, Doctorate, Ankara Üniversitesi, December, 2022

Doctorate, Doctorate, Ankara Üniversitesi, December, 2022

Post Graduate, Post Graduate, Ankara Üniversitesi, December, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, November, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, August, 2022

Doctorate, Doctorate, Ankara Üniversitesi, June, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, June, 2022
 PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, May, 2022
 PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, May, 2022
 Doctorate, Doctorate, Ankara Üniversitesi, May, 2022
 PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, May, 2022
 Doctorate, Doctorate, Ankara Üniversitesi, May, 2022
 Doctorate, Doctorate, Ankara Üniversitesi, March, 2022
 Doctorate, Doctorate, Ankara Üniversitesi, March, 2022
 Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Yeditepe Üniversitesi, March, 2022
 Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Sivas Cumhuriyet Üniversitesi, January, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Exploration of the intermolecular isoproturon–bovine serum albumin combination: Biophysical and computational prospects**
 Kabir M. Z., Seng J., Mohamad S. B., Gülsüm Bilgiç M., USLU B.
 Journal of Photochemistry and Photobiology A: Chemistry, vol.450, 2024 (SCI-Expanded)
- II. **Decoding the intermolecular recognition mode of a potent anticancer drug, abiraterone with human serum albumin: Assessments through spectroscopic and computational techniques**
 Kabir M. Z., Seng J., Mohamad S. B., USLU B.
 Journal of Molecular Structure, vol.1302, 2024 (SCI-Expanded)
- III. **Voltammetric Determination of Metrafenone Using an Iridium Oxide Nanoparticle - Ionic Liquid Nanocomposite Modified Glassy Carbon Electrode**
 ÇELİK M., BOZAL PALABIYIK B., Kanbes Dindar C., USLU B.
 ANALYTICAL LETTERS, 2024 (SCI-Expanded)
- IV. **Green electrochemical nanosensor platform design for mexiletine detection based on Citrus reticulata peel-mediated iron nanoparticles and quantum dots and investigation of the adsorption mechanism by the DFT-D3 method**
 Kucuk I., Kanbes-Dindar C., Unal D. N., BOZAL PALABIYIK B., Karayel A., Uslu B.
 NEW JOURNAL OF CHEMISTRY, vol.48, no.8, pp.3729-3740, 2024 (SCI-Expanded)
- V. **Development of electrochemical and stability-indicating chromatographic methods for the determination of cefprozil**
 Ortak A., Erkmen C., BOZAL PALABIYIK B., USLU B.
 Journal of the Iranian Chemical Society, vol.21, no.1, pp.263-273, 2024 (SCI-Expanded)
- VI. **Development of an electrochemical biosensor utilizing a combined aptamer and MIP strategy for the detection of the food allergen lysozyme**
 Erdoğan N. Ö., Uslu B., Aydoğdu Tiğ G.
 MIKROCHIMICA ACTA, vol.90, pp.1-10, 2023 (SCI-Expanded)
- VII. **Voltammetric Analysis of Thiram with Bimetallic Nanosensor and Investigation of Adsorption Mechanism by DFT-D3 Method**
 ÇELİK M., Kanbes-Dindar C., Karayel A., Bozal-Palabiyik B., USLU B.
 JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.170, no.12, 2023 (SCI-Expanded)
- VIII. **Evaluation of aptamer and molecularly imprinted polymers as a first hybrid sensor for leptin detection at femtogram levels**
 ERKMEN C., AYDOĞDU TIĞ G., USLU B.
 TALANTA, vol.265, 2023 (SCI-Expanded)
- IX. **In vitro interactions of two pesticides, propazine and quinoxifen with bovine serum albumin: Spectrofluorometric and molecular docking investigations**

Duman B., Erkmen C., Zahirul Kabir M., Ching Yi L., Mohamad S. B., USLU B.

Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, vol.300, 2023 (SCI-Expanded)

- X. **Electrochemical biosensors for rapid diagnosis of bacterial infections: Design, targets and applications in clinical setting**
Koçak E., ÖZKUL KOÇAK C., BOZAL PALABIYIK B., SÜSLÜ İ., USLU B.
Electroanalysis, vol.35, no.11, 2023 (SCI-Expanded)
- XI. **Analytical studies on some pesticides with antifungal effects: Simultaneous determination by HPLC, investigation of interactions with DNA and DNA damages**
Barut B. B., Erkmen C., İpek S., Yıldırım S., Üstündağ A., Uslu B.
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, vol.1229, 2023 (SCI-Expanded)
- XII. **Spectroscopic, voltammetric and computational approaches shed light on the combination characteristics of an anticancer agent, bexarotene with human serum albumin**
Zahirul Kabir M., Tayyab H., Erkmen C., Mohamad S. B., USLU B.
Journal of Photochemistry and Photobiology A: Chemistry, vol.443, 2023 (SCI-Expanded)
- XIII. **Decoration of Bi₂O₃NPs-AgNPs-ErGO as a first electrochemical nanosensor for sensitive determination of nelarabine in pharmaceutical dosage form and human serum samples**
Zahirul Kabir M., Erkmen C., Kurbanoğlu S., Aydoğdu Tığ G., Uslu B.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.944, 2023 (SCI-Expanded)
- XIV. **Comprehensive views toward the biomolecular recognition of an anticancer drug, leflunomide with human serum albumin**
Kabir M. Z., Tayyab H., Erkmen C., Mohamad S. B., USLU B.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, 2023 (SCI-Expanded)
- XV. **In vitro interactions of two pesticides, propazine and quinoxifen with bovine serum albumin: Spectrofluorometric and molecular docking investigations**
Duman B., Erkmen C., Kabir M. Z., Ching Yi L., Mohamad S. B., Uslu B.
SPECTROCHIMICA ACTA - PART A: MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.1, no.300, pp.1-2, 2023 (SCI-Expanded)
- XVI. **Exploring molecular interaction of cefpirome with human serum albumin: In vitro and in silico approaches**
Erkmen C., BOZAL PALABIYIK B., Tayyab H., Kabir M. Z., Mohamad S. B., USLU B.
Journal of Molecular Structure, vol.1275, 2023 (SCI-Expanded)
- XVII. **Characterization of Climbazole-Bovine serum albumin interaction by experimental and in silico approaches**
Kabir M. Z., Tayyab H., Erkmen C., KURBANOĞLU S., Mohamad S. B., USLU B.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.288, 2023 (SCI-Expanded)
- XVIII. **Elucidating the interaction of antidepressant drug paroxetine with ct-dsDNA: A comparative study by electrochemical, spectroscopic, and molecular docking approaches**
Nimal R., Unal D. N., Erkmen C., KURBANOĞLU S., Siddiq M., EREN G., Shah A., USLU B.
BIOELECTROCHEMISTRY, vol.149, 2023 (SCI-Expanded)
- XIX. **A Review on Electrochemical and Optical Sensing Platform Based on Ionic Liquids for Different Molecules Determination**
Unal D. N., Sadak S., USLU B.
CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY, vol.53, no.4, pp.798-824, 2023 (SCI-Expanded)
- XX. **Electrochemical Sensor Design Based on Silver Nanoparticles Modified Multiwalled Carbon Nanotubes Paste Electrode for the Sensitive Determination of Mepivacaine**
Demir E., SİLİLAH H., Erkmen C., USLU B.
Combinatorial Chemistry and High Throughput Screening, vol.26, no.15, pp.2644-2655, 2023 (SCI-Expanded)
- XXI. **Spectrofluorometric and computational approaches for the interaction studies of aclonifen and bifenox with human serum albumin**

Sapmaz H., Erkmen C., Kabır M. Z., Tayyab H., B. Mohamad S., Uslu B.

SPECTROCHIMICA ACTA - PART A: MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.284, pp.1-10, 2023 (SCI-Expanded)

- XXII. **Molecularly imprinted polymers (MIPs) combined with nanomaterials as electrochemical sensing applications for environmental pollutants**
Rahman S., BOZAL PALABIYIK B., Unal D. N., Erkmen C., Siddiq M., Shah A., USLU B.
TRENDS IN ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.36, 2022 (SCI-Expanded)
- XXIII. **Nanomaterial-based sandwich-type electrochemical aptasensor platform for sensitive voltammetric determination of leptin**
Erkmen C., AYDOĞDU TİĞ G., USLU B.
MICROCHIMICA ACTA, vol.189, no.10, 2022 (SCI-Expanded)
- XXIV. **Electrochemical determination of phosphodiesterase-3 enzyme inhibitor drug Milrinone with nanodiamond modified paste electrode**
Selcuk O., Unal D. N., Dindar c. K., Suslu I., USLU B.
MICROCHEMICAL JOURNAL, vol.181, 2022 (SCI-Expanded)
- XXV. **Design strategies, current applications and future perspective of aptasensors for neurological disease biomarkers**
Erkmen C., AYDOĞDU TİĞ G., Marrazza G., USLU B.
TRAC-TRENDS IN ANALYTICAL CHEMISTRY, vol.154, 2022 (SCI-Expanded)
- XXVI. **Lab-In-Syringe automation of deep eutectic solvent-based direct immersion single drop microextraction coupled online to high-performance liquid chromatography for the determination of fluoroquinolones**
YILDIRIM S., Cocovi-Solberg D. J., USLU B., Solich P., Horstkotte B.
TALANTA, vol.246, 2022 (SCI-Expanded)
- XXVII. **Development of the electrochemical, spectroscopic and molecular docking approaches toward the investigation of interaction between DNA and anti-leukemic drug azacytidine**
Nimal R., Unal D. N., Erkmen C., BOZAL PALABIYIK B., Siddiq M., EREN G., Shah A., USLU B.
BIOELECTROCHEMISTRY, vol.146, 2022 (SCI-Expanded)
- XXVIII. **Trends in electrochemical nanosensors for the analysis of antioxidants**
Nimal R., Selcuk O., KURBANOĞLU S., Shah A., Siddiq M., USLU B.
TrAC - Trends in Analytical Chemistry, vol.153, 2022 (SCI-Expanded)
- XXIX. **Carbon-Based Composite Materials for Electrodes**
Manjunatha J. G., USLU B.
MATERIALS, vol.15, no.14, 2022 (SCI-Expanded)
- XXX. **Development of a Diamond Nanoparticles-based Nanosensor for Detection and Determination of Antiviral Drug Favipiravir**
Dindar C. K., BOZAL PALABIYIK B., USLU B.
ELECTROANALYSIS, vol.34, no.7, pp.1174-1186, 2022 (SCI-Expanded)
- XXXI. **First label-free impedimetric aptasensor based on Au NPs/TiO₂ NPs for the determination of leptin**
ERKMEN C., TİĞ G., USLU B.
Sensors and Actuators B: Chemical, vol.358, 2022 (SCI-Expanded)
- XXXII. **Evaluation of the Interaction of Cinacalcet with Calf Thymus dsDNA: Use of Electrochemical, Spectrofluorimetric and Molecular Docking Methods**
Erkmen C., Unal D. N., KURBANOĞLU S., EREN G., USLU B.
Biosensors, vol.12, no.5, 2022 (SCI-Expanded)
- XXXIII. **Phosphodiesterase-3 Enzyme Inhibitor Drug Milrinone Interaction with DNA and HSA: Electrochemical, Spectroscopic and Molecular Docking**
Unal D. N., Erkmen C., Selcuk O., KURBANOĞLU S., EREN G., USLU B.
Journal of the Electrochemical Society, vol.169, no.2, 2022 (SCI-Expanded)
- XXXIV. **Simultaneous determination of paracetamol, dextromethorphan, chlorpheniramine, pseudoephedrine and major impurities of paracetamol and pseudoephedrine by using capillary**

electrophoresis

Yener B., Erkmen C., Uslu B., Goger N. G.

BRAZILIAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.58, 2022 (SCI-Expanded)

- XXXV. **Phthalocyanine Modified Electrodes in Electrochemical Analysis**
Demir E., SİLAH H., USLU B.
CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY, vol.52, no.2, pp.425-461, 2022 (SCI-Expanded)
- XXXVI. **Analytical Methods for Determination of Antiviral Drugs in Different Matrices: Recent Advances and Trends**
Selcuk O., Demir Y., Erkmen C., YILDIRIM S., USLU B.
CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY, vol.52, no.7, pp.1662-1693, 2022 (SCI-Expanded)
- XXXVII. **Novel Trends in Analytical Methods for beta-Blockers: An Overview of Applications in the Last Decade**
YILDIRIM S., Erkmen C., USLU B.
CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY, vol.52, no.1, pp.131-169, 2022 (SCI-Expanded)
- XXXVIII. **Electroanalytical methods based on bimetallic nanomaterials for determination of pesticides: Past, present, and future**
Dindar C. K., Erkmen C., USLU B.
TRENDS IN ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.32, 2021 (SCI-Expanded)
- XXXIX. **Nanomaterial-based electroanalytical sensors for the selected prohibited anabolic agents, hormones and metabolic modulators and their sensitive assays**
KAYA S., YILDIRIM S., Cetinkaya A., Erkmen C., USLU B., ÖZKAN S. A.
TrAC - Trends in Analytical Chemistry, vol.145, 2021 (SCI-Expanded)
- XL. **A novel HPLC-DAD method with dilute-and-shoot sample preparation technique for the determination of buprofezin, dinobuton and chlorothalonil in food, environmental and biological samples**
Gebrehiwot W. H., Erkmen C., USLU B.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.101, no.14, pp.2339-2353, 2021 (SCI-Expanded)
- XLI. **Current trends and roles of surfactants for chromatographic and electrochemical sensing**
Unal D. N., YILDIRIM S., KURBANOĞLU S., USLU B.
TRAC-TRENDS IN ANALYTICAL CHEMISTRY, vol.144, 2021 (SCI-Expanded)
- XLII. **Multi-Purpose electrochemical tyrosinase nanobiosensor based on poly (3,4 ethylenedioxythiophene) nanoparticles decorated graphene quantum dots: Applications to hormone drugs analyses and inhibition studies**
Erkmen C., Demir Y., KURBANOĞLU S., USLU B.
SENSORS AND ACTUATORS B-CHEMICAL, vol.343, 2021 (SCI-Expanded)
- XLIII. **Modified indium tin oxide electrodes: Electrochemical applications in pharmaceutical, biological, environmental and food analysis**
SİLAH H., Erkmen C., Demir E., USLU B.
TRAC-TRENDS IN ANALYTICAL CHEMISTRY, vol.141, 2021 (SCI-Expanded)
- XLIV. **Electrochemical Biosensor Design with Multi-walled Carbon Nanotube to Display DNA-Schiff Base Interaction**
Munir A., BOZAL PALABIYIK B., EREN G., Shah A., Ali S., Uddin N., USLU B.
ELECTROANALYSIS, vol.33, no.7, pp.1761-1770, 2021 (SCI-Expanded)
- XLV. **Latest trends for biogenic amines detection in foods: Enzymatic biosensors and nanozymes applications**
Ahangari H., KURBANOĞLU S., Ehsani A., USLU B.
TRENDS IN FOOD SCIENCE & TECHNOLOGY, vol.112, pp.75-87, 2021 (SCI-Expanded)
- XLVI. **Interaction of citalopram and escitalopram with calf Thymus DNA: A spectrofluorometric, voltammetric, and liquid chromatographic approach**
Dindar C. K., Erkmen C., YILDIRIM S., BOZAL PALABIYIK B., USLU B.

JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.195, 2021 (SCI-Expanded)

XLVII. Contemporary Issues on Pharmaceutical Researches (Part II)

Erkmen C., USLU B., KURBANOĞLU S.

COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.24, no.3, pp.327, 2021 (SCI-Expanded)

XLVIII. Revisiting pharmaceutical analysis in the light of new technologies-volume ii

USLU B., ÖZKAN S. A., KURBANOĞLU S., BOZAL PALABIYIK B.

Current Analytical Chemistry, vol.17, no.9, pp.1213-1214, 2021 (SCI-Expanded)

XLIX. Electrochemical analysis for pharmaceuticals by the advantages of metal oxide nanomaterials

BOZAL PALABIYIK B., Erkmen C., KURBANOĞLU S., ÖZKAN S. A., USLU B.

Current Analytical Chemistry, vol.17, no.9, pp.1322-1339, 2021 (SCI-Expanded)

L. Hydrophilic Interaction Liquid Chromatography (HILIC): Latest Applications in the Pharmaceutical Researches

Erkmen C., Gebrehiwot W. H., USLU B.

CURRENT PHARMACEUTICAL ANALYSIS, vol.17, no.3, pp.316-345, 2021 (SCI-Expanded)

LI. Revisiting pharmaceutical analysis in the light of new technologies-volume i

USLU B., KURBANOĞLU S., Ozkan S. A., BOZAL PALABIYIK B.

Current Analytical Chemistry, vol.17, no.8, pp.1062-1063, 2021 (SCI-Expanded)

LII. Fabrication of poly(3,4-ethylenedioxythiophene)-iridium oxide nanocomposite based Tyrosinase biosensor for the dual detection of catechol and azinphos methyl

Erkmen C., KURBANOĞLU S., USLU B.

SENSORS AND ACTUATORS B-CHEMICAL, vol.316, 2020 (SCI-Expanded)

LIIL. In the context of superficially porous silica particles: simultaneous determination of dutasteride and tamsulosin from biological samples

Barut B. B., Erkmen C., Gumustas A., GÜMÜŞTAŞ M., Ozkan S. A., USLU B.

Journal of the Iranian Chemical Society, vol.17, no.6, pp.1457-1465, 2020 (SCI-Expanded)

LIV. Frontiers in electrochemical enzyme based biosensors for food and drug analysis

KURBANOĞLU S., Erkmen C., USLU B.

TRAC-TRENDS IN ANALYTICAL CHEMISTRY, vol.124, 2020 (SCI-Expanded)

LV. The Development of Spectrophotometric and Validated Stability-Indicating RP-HPLC Methods for Simultaneous Determination of Ephedrine HCL, Naphazoline HCL, Antazoline HCL, and Chlorobutanol in Pharmaceutical Pomade Form

Dindar C. K., Erkmen C., USLU B., GÜNDEN GÖĞER N.

COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.23, no.10, pp.1090-1099, 2020 (SCI-Expanded)

LVI. Sensitive detection of levocetirizine as a new generation antihistamine by stripping square wave voltammetry

Ozturk K., Bakirhan N. K., Ozkan S. A., USLU B.

Current Pharmaceutical Analysis, vol.16, no.4, pp.424-437, 2020 (SCI-Expanded)

LVII. Effect of Catalytically Active Zinc Oxide–Carbon Nanotube Composite on Sensitive Assay of Desloratadine Metabolite

Ozturk K., BAKIRHAN N. K., Ozkan S. A., USLU B.

Electroanalysis, vol.32, no.1, pp.50-58, 2020 (SCI-Expanded)

LVIII. Molecularly Imprinted Electrochemical Sensors: Analytical and Pharmaceutical Applications Based on Ortho-phenylenediamine Polymerization

BOZAL PALABIYIK B., Erkmen C., USLU B.

CURRENT PHARMACEUTICAL ANALYSIS, vol.16, no.4, pp.350-366, 2020 (SCI-Expanded)

LIX. Contemporary Issues on Pharmaceutical Researches

Erkmen C., USLU B., KURBANOĞLU S.

COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.23, no.10, pp.990, 2020 (SCI-Expanded)

LX. Voltammetric Pathways for the Analysis of Ophthalmic Drugs

İNAM O., Demir E., USLU B.

CURRENT PHARMACEUTICAL ANALYSIS, vol.16, no.4, pp.367-391, 2020 (SCI-Expanded)

- LXI. **DEVELOPMENT OF REVERSE PHASE LIQUID CHROMATOGRAPHIC METHOD BY USING CORE SHELL PARTICLES COLUMN FOR DETERMINATION OF MONTELUKAST AND LEVOCETIRIZINE FROM PHARMACEUTICAL CAPSULE DOSAGE FORMS**
Erkmen C., Zengin Kurnali S., USLU B.
REVUE ROUMAINE DE CHIMIE, vol.64, no.10, pp.859-866, 2019 (SCI-Expanded)
- LXII. **QUANTITATIVE DETERMINATION OF PARACETAMOL, CAFFEINE AND CODEINE PHOSPHATE IN PHARMACEUTICAL DOSAGE FORMS BY USING CAPILLARY ELECTROPHORESIS METHOD**
Cakir K., Erkmen C., USLU B., GÜNDEN GÖĞER N.
REVUE ROUMAINE DE CHIMIE, vol.64, no.9, pp.801-808, 2019 (SCI-Expanded)
- LXIII. **Electrochemical Detection of Vascular Endothelial Growth Factor by Molecularly Imprinted Polymer**
BOZAL PALABIYIK B., Lettieri M., USLU B., Marrazza G.
ELECTROANALYSIS, vol.31, no.8, pp.1475-1481, 2019 (SCI-Expanded)
- LXIV. **A novel electrochemical method for the detection of oxymetazoline drug based on MWCNTs and TiO₂ nanoparticles**
Munir A., BOZAL PALABIYIK B., Khan A., Shah A., USLU B.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.844, pp.58-65, 2019 (SCI-Expanded)
- LXV. **Electrochemical, spectroscopic and molecular docking studies on the interaction of calcium channel blockers with dsDNA**
Shahzad S., DOĞAN TOPAL B., KARADURMUŞ L., ÇAĞLAYAN M. G., TAŞKIN TOK T., USLU B., Shah A., Ozkan S. A.
Bioelectrochemistry, vol.127, pp.12-20, 2019 (SCI-Expanded)
- LXVI. **Electrochemical detection of ct-dsDNA on nanomaterial-modified carbon based electrodes**
BOZAL PALABIYIK B., DOĞAN TOPAL B., Moghaddam A. B., Ozkan S. A., Kazemzad M., USLU B.
Current Analytical Chemistry, vol.15, no.3, pp.305-312, 2019 (SCI-Expanded)
- LXVII. **Nanosensors in Biomarker Detection**
BOZAL PALABIYIK B., USLU B., Marrazza G.
NEW DEVELOPMENTS IN NANOSENSORS FOR PHARMACEUTICAL ANALYSIS, pp.327-380, 2019 (SCI-Expanded)
- LXVIII. **Step-by-step optimization of the HILIC method for simultaneous determination of abacavir, lamivudine, and zidovudine from dosage form**
Erkmen C., GÜMÜŞTAŞ M., ÖZKAN S. A., USLU B.
TURKISH JOURNAL OF CHEMISTRY, vol.43, no.6, pp.1597-1624, 2019 (SCI-Expanded)
- LXIX. **VOLTAMMETRIC DETERMINATION OF VARDENAFIL ON MODIFIED ELECTRODES CONSTRUCTED BY GRAPHITE, METAL OXIDES AND FUNCTIONALIZED MULTI-WALLED CARBON NANOTUBES**
Demir E., BOZAL PALABIYIK B., USLU B., İNAM R.
REVUE ROUMAINE DE CHIMIE, vol.64, no.1, pp.45-54, 2019 (SCI-Expanded)
- LXX. **The History of the Core-Shell Particles and Applications in Active Pharmaceutical Ingredients Via Liquid Chromatography**
GÜMÜŞTAŞ M., Zalewski P., ÖZKAN S. A., USLU B.
CHROMATOGRAPHIA, vol.82, no.1, pp.17-48, 2019 (SCI-Expanded)
- LXXI. **MWCNT/CdSe quantum dot modified glassy carbon electrode for the determination of clopidogrel bisulfate in tablet dosage form and serum samples**
ÖZÇELİKAY G., KURBANOĞLU S., BOZAL PALABIYIK B., USLU B., ÖZKAN S. A.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.827, pp.51-57, 2018 (SCI-Expanded)
- LXXII. **Electrochemical Approach on Mechanism of an Oral Progestin in Aqueous Media and its Fully Validated Detection via a Carbon-Metal Based Composite Sensor**
Bakirhan N. K., Celik M. S. B., Celik H., USLU B., ÖZKAN S. A.
ELECTROANALYSIS, vol.30, no.10, pp.2273-2283, 2018 (SCI-Expanded)
- LXXIII. **Paper based lateral flow immunoassay for the enumeration of Escherichia coli in urine**
Gumustas A., ÇAĞLAYAN M. G., ERYILMAZ M., Suludere Z., ACAR SOYKUT E., USLU B., BOYACI İ. H., TAMER U.
ANALYTICAL METHODS, vol.10, no.10, pp.1213-1218, 2018 (SCI-Expanded)
- LXXIV. **Detection of Prevented DNA Damage by Therapeutic Foods**

DOĞAN TOPAL B., USLU B., Ozkan S. A.

GENETICALLY ENGINEERED FOODS, vol.6, pp.281-309, 2018 (SCI-Expanded)

LXXV. The Detection of Pesticide in Foods Using Electrochemical Sensors

Bakirhan N. K., USLU B., ÖZKAN S. A.

FOOD SAFETY AND PRESERVATION: MODERN BIOLOGICAL APPROACHES TO IMPROVING CONSUMER HEALTH, pp.91-141, 2018 (SCI-Expanded)

LXXVI. In-Vitro Drug Dissolution Studies in Medicinal Compounds

BOZAL PALABIYIK B., USLU B., Ozkan Y., ÖZKAN S. A.

CURRENT MEDICINAL CHEMISTRY, vol.25, no.33, pp.4020-4036, 2018 (SCI-Expanded)

LXXVII. Validation of Analytical Methods for the Assessment of Hazards in Food

KURBANOĞLU S., USLU B., ÖZKAN S. A.

FOOD SAFETY AND PRESERVATION: MODERN BIOLOGICAL APPROACHES TO IMPROVING CONSUMER HEALTH, pp.59-90, 2018 (SCI-Expanded)

LXXVIII. Polarographic Investigation of Dienogest

Baymak M. S., Celik H., Bakirhan N. K., USLU B., ÖZKAN S. A.

JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.165, no.10, 2018 (SCI-Expanded)

LXXIX. Treatment strategies in cancer from past to present

Yildizhan H., Barkan N. P., Turan S. K., Demiralp O., ÖZEL DEMİRALP F. D., USLU B., Ozkan S. A.

DRUG TARGETING AND STIMULI SENSITIVE DRUG DELIVERY SYSTEMS, pp.1-37, 2018 (SCI-Expanded)

LXXX. Electrochemical Detectors in Liquid Chromatography: Recent Trends in Pharmaceutical and Biomedical Analysis

Kauffmann J., Bakirhan N. K., BOZAL PALABIYIK B., USLU B., Rodriguez Gomez R., Vandeput M., ÖZKAN S. A.

CURRENT MEDICINAL CHEMISTRY, vol.25, no.33, pp.4050-4065, 2018 (SCI-Expanded)

LXXXI. A novel core-shell-based chromatographic method supported by ratio derivative spectrophotometry for the simultaneous determination of perindopril, indapamide, and amlodipine ternary mixtures

KARADURMUŞ L., GÜMÜŞTAŞ M., KURBANOĞLU S., USLU B., ÖZKAN S. A.

TURKISH JOURNAL OF CHEMISTRY, vol.42, no.5, pp.1408-1419, 2018 (SCI-Expanded)

LXXXII. Biosensor-Based Methods for the Determination of Foodborne Pathogens

BOZAL PALABIYIK B., Gumustas A., Ozkan S. A., USLU B.

FOODBORNE DISEASES, vol.15, pp.379-420, 2018 (SCI-Expanded)

LXXXIII. Simple and sensitive adsorptive stripping voltammetric assay of granisetron from its dosage form by platinum nanoparticles modified electrodes

Doulache M., Bakirhan N. K., USLU B., Saidat B., Trari M., ÖZKAN S. A.

SENSORS AND ACTUATORS B-CHEMICAL, vol.251, pp.572-582, 2017 (SCI-Expanded)

LXXXIV. DIFFERENTIAL PULSE VOLTAMMETRIC DETERMINATION OF ROSUVASTATIN VIA GLASSY CARBON ELECTRODE

KARADURMUŞ L., KURBANOĞLU S., USLU B., ÖZKAN S. A.

REVUE ROUMAINE DE CHIMIE, vol.62, no.6-7, pp.579-586, 2017 (SCI-Expanded)

LXXXV. VOLTAMMETRIC DETERMINATION OF ROPINIROLE AT GLASSY CARBON ELECTRODE EMPLOYING PULSED TECHNIQUES

BOZAL PALABIYIK B., USLU B.

REVUE ROUMAINE DE CHIMIE, vol.62, no.6-7, pp.559-567, 2017 (SCI-Expanded)

LXXXVI. CARBON-BASED NANOSTRUCTURES FOR ELECTROCHEMICAL ANALYSIS OF ORAL MEDICINES

KURBANOĞLU S., USLU B., ÖZKAN S. A.

NANOSTRUCTURES FOR ORAL MEDICINE, pp.885-938, 2017 (SCI-Expanded)

LXXXVII. Electrochemical DNA Biosensors in Drug Analysis

KARADURMUŞ L., KURBANOĞLU S., USLU B., ÖZKAN S. A.

CURRENT PHARMACEUTICAL ANALYSIS, vol.13, no.3, pp.195-207, 2017 (SCI-Expanded)

LXXXVIII. Sensitive and Selective Assay of Antimicrobials on Nanostructured Materials by Electrochemical Techniques

Bakirhan N. K., USLU B., ÖZKAN S. A.

NANOSTRUCTURES FOR ANTIMICROBIAL THERAPY, pp.55-83, 2017 (SCI-Expanded)

- LXXXIX. **Voltammetric Investigation and Determination of Piribedil in Pharmaceutical Dosage Forms Using Carbon-Based Electrodes**
BOZAL PALABIYIK B., USLU B.
CURRENT PHARMACEUTICAL ANALYSIS, vol.13, no.1, pp.91-98, 2017 (SCI-Expanded)
- XC. **Effect of Polymer-Based Nanoparticles on the Assay of Antimicrobial Drug Delivery Systems**
Gümüştaş M., Şengel Türk C. T., Gumustas A., Ozkan S. A., Uslu B.
MULTIFUNCTIONAL SYSTEMS FOR COMBINED DELIVERY, BIOSENSING AND DIAGNOSTICS, pp.67-108, 2017 (SCI-Expanded)
- XCI. **The Role and the Place of High-Performance Liquid Chromatography for the Determination of Fermented Dairy Products**
Gümüştaş M., Uslu B., Özkan S. A.
SOFT CHEMISTRY AND FOOD FERMENTATION, vol.3, pp.421-464, 2017 (SCI-Expanded)
- XCII. **Diffusion, Adsorption and Electrode Kinetics of Electro-oxidations on a Stationary Solid Electrode**
BOZAL PALABIYIK B., KURBANOĞLU S., USLU B., ÖZKAN S. A., Zuman P.
ELECTROANALYSIS, vol.28, no.12, pp.2947-2955, 2016 (SCI-Expanded)
- XCIII. **Comparative study for voltammetric investigation and trace determination of pramipexole at bare and carbon nanotube-modified glassy carbon electrodes**
BOZAL PALABIYIK B., USLU B.
IONICS, vol.22, no.12, pp.2519-2528, 2016 (SCI-Expanded)
- XCIV. **From mercury to nanosensors: Past, present and the future perspective of electrochemistry in pharmaceutical and biomedical analysis**
ÖZKAN S. A., USLU B.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.130, pp.126-140, 2016 (SCI-Expanded)
- XCV. **Sensitive determination of anticancer drug imatinib in spiked human urine samples by differential pulse voltammetry on anodically pretreated boron-doped diamond electrode**
Brycht M., Kaczmarska K., USLU B., ÖZKAN S. A., Skrzypek S.
DIAMOND AND RELATED MATERIALS, vol.68, pp.13-22, 2016 (SCI-Expanded)
- XCVI. **Advances in electrochemical DNA biosensors and their interaction mechanism with pharmaceuticals**
KURBANOĞLU S., DOĞAN TOPAL B., Plata Rodriguez E., BOZAL PALABIYIK B., ÖZKAN S. A., USLU B.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.775, pp.8-26, 2016 (SCI-Expanded)
- XCVII. **Determination of antazoline and tetrahydrozoline in ophthalmic solutions by capillary electrophoresis and stability-indicating HPLC methods**
Gümüştaş M., Alshana U., Ertas N., Günden Göger N., Özkan S. A., Uslu B.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.124, pp.390-398, 2016 (SCI-Expanded)
- XCVIII. **Simultaneous determination of amlodipine besylate and rosuvastatin calcium in binary mixtures by voltammetric and chromatographic techniques**
Karadas-Bakirhan N., Gümüştaş M., Uslu B., Özkan S. A.
IONICS, vol.22, no.2, pp.277-288, 2016 (SCI-Expanded)
- XCIX. **A novel electroanalytical nanosensor based on MWCNT/Fe₂O₃ nanoparticles for the determination of antiparkinson drug ropinirole**
BOZAL PALABIYIK B., USLU B.
IONICS, vol.22, no.1, pp.115-123, 2016 (SCI-Expanded)
- C. **Voltammetric behavior and determination of antidepressant drug paroxetine at carbon-based electrodes**
Brycht M., Skrzypek S., Karadas-Bakirhan N., Smarzewska S., BOZAL PALABIYIK B., ÖZKAN S. A., USLU B.
IONICS, vol.21, no.8, pp.2345-2354, 2015 (SCI-Expanded)
- CI. **Electrochemical investigation of an interaction of the antidepressant drug aripiprazole with original and damaged calf thymus dsDNA**
KURBANOĞLU S., DOĞAN TOPAL B., Hlavata L., Labuda J., ÖZKAN S. A., USLU B.
ELECTROCHIMICA ACTA, vol.169, pp.233-240, 2015 (SCI-Expanded)

- CII. **INVESTIGATION OF VOLTAMMETRIC BEHAVIOR AND ELECTROANALYTICAL DETERMINATION OF ANTICANCER EPIRUBICIN VIA GLASSY CARBON ELECTRODE USING DIFFERENTIAL PULSE AND SQUARE WAVE VOLTAMMETRY TECHNIQUES**
Kurbanoglu S., Bozal Palabiyik B., Gümüştas M., Uslu B., Özkan S. A.
REVUE ROUMAINE DE CHIMIE, vol.60, no.5-6, pp.491-499, 2015 (SCI-Expanded)
- CIII. **ELECTROCHEMICAL OXIDATION MECHANISM OF ANTICANCER DRUG NILOTINIB**
DOĞAN TOPAL B., BOZAL PALABIYIK B., ÖZKAN S. A., USLU B.
REVUE ROUMAINE DE CHIMIE, vol.60, no.5-6, pp.467-475, 2015 (SCI-Expanded)
- CIV. **RECENT ANALYTICAL APPLICATIONS ON ANTIHYPERTENSIVE DRUGS**
Yakar C., BOZAL PALABIYIK B., DOĞAN TOPAL B., ÖZKAN S. A., USLU B.
REVUE ROUMAINE DE CHIMIE, vol.60, no.5-6, pp.427-445, 2015 (SCI-Expanded)
- CV. **QUANTITATIVE DETERMINATION OF ISOCONAZOLE NITRATE AND DIFLUCORTOLONE VALERATE IN PHARMACEUTICAL CREAMS BY UPLC, HPLC AND IMPROVED DERIVATIVE UV SPECTROPHOTOMETRY**
Ozen G., Gümüştas M., Şatana Kara H. E., Günden Göğeri N., Uslu B., Özkan S. A.
REVUE ROUMAINE DE CHIMIE, vol.60, no.5-6, pp.527-535, 2015 (SCI-Expanded)
- CVI. **Validated Stability-Indicating HPLC and UPLC Assay Methods for the Determination of Entacapone in Pharmaceutical Dosage Forms**
Gümüştas M., Uslu B., Özkan S. A., Aboul-Enein H. Y.
CHROMATOGRAPHIA, vol.77, no.23-24, pp.1721-1726, 2014 (SCI-Expanded)
- CVII. **Electrochemical behavior of tadalafil on TiO₂ nanoparticles-MWCNT composite paste electrode and its determination in pharmaceutical dosage forms and human serum samples using adsorptive stripping square wave voltammetry**
Demir E., İNAM R., ÖZKAN S. A., USLU B.
JOURNAL OF SOLID STATE ELECTROCHEMISTRY, vol.18, no.10, pp.2709-2720, 2014 (SCI-Expanded)
- CVIII. **DEVELOPMENT AND VALIDATION OF A STABILITY-INDICATING RP-LC METHOD FOR THE DETERMINATION OF ANTICANCER DRUG EPIRUBICIN IN PHARMACEUTICALS**
Kurbanoglu S., Bozal Palabiyik B., Gümüştas M., Şanlı S., Uslu B., Özkan S. A.
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.37, no.11, pp.1583-1596, 2014 (SCI-Expanded)
- CIX. **Poly(acridine orange)-modified glassy carbon electrodes: electrosynthesis, characterisation and sensor application with uric acid**
KUL D., DOĞAN TOPAL B., ÖZKAN S. A., USLU B.
JOURNAL OF APPLIED ELECTROCHEMISTRY, vol.44, no.7, pp.831-840, 2014 (SCI-Expanded)
- CX. **Investigation of anticancer drug lapatinib and its interaction with dsDNA by electrochemical and spectroscopic techniques**
DOĞAN TOPAL B., BOZAL PALABIYIK B., ÖZKAN S. A., USLU B.
SENSORS AND ACTUATORS B-CHEMICAL, vol.194, pp.185-194, 2014 (SCI-Expanded)
- CXI. **Direct electrochemistry of native and denatured alpha-2-Macroglobulin by solid electrodes**
DOĞAN TOPAL B., ÖZKAN S. A., USLU B.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.719, pp.14-18, 2014 (SCI-Expanded)
- CXII. **Stability-Indicating UPLC Method for the Determination of Bisoprolol Fumarate and Hydrochlorothiazide: Application to Dosage Forms and Biological Sample**
KURBANOĞLU S., San Miguel P. R., USLU B., ÖZKAN S. A.
CHROMATOGRAPHIA, vol.77, no.3-4, pp.365-371, 2014 (SCI-Expanded)
- CXIII. **Electrochemical mechanism and sensitive assay of antiretroviral drug Abacavir in biological sample using multiwalled carbon nanotube modified pyrolytic graphite electrode**
Ashrafi A. M., KURBANOĞLU S., Vytras K., USLU B., ÖZKAN S. A.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.712, pp.178-184, 2014 (SCI-Expanded)
- CXIV. **Sensitive voltammetric determination of famotidine in human urine and tablet dosage forms using an ultra trace graphite electrode**
YAĞMUR S., YILMAZ S., SAĞLIKOĞLU G., USLU B., SADIKOĞLU M., ÖZKAN S. A.

JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol.79, no.1, pp.53-62, 2014 (SCI-Expanded)

- CXV. **HPLC and UPLC Methods for the Simultaneous Determination of Enalapril and Hydrochlorothiazide in Pharmaceutical Dosage Forms**

USLU B., Ozden T.

CHROMATOGRAPHIA, vol.76, no.21-22, pp.1487-1494, 2013 (SCI-Expanded)

- CXVI. **A Sensitive and Selective RP-LC Method for the Simultaneous Determination of the Antihypertensive Drugs, Enalapril, Lercanidipine, Nitrendipine and Their Validation**

KURBANOĞLU S., Gumustas M., USLU B., ÖZKAN S. A.

CHROMATOGRAPHIA, vol.76, no.21-22, pp.1477-1485, 2013 (SCI-Expanded)

- CXVII. **Sensitive voltammetric assay of etoposide using modified glassy carbon electrode with a dispersion of multi-walled carbon nanotube**

BOZAL PALABIYIK B., DOĞAN TOPAL B., USLU B., CAN A., ÖZKAN S. A.

JOURNAL OF SOLID STATE ELECTROCHEMISTRY, vol.17, no.11, pp.2815-2822, 2013 (SCI-Expanded)

- CXVIII. **UPLC versus HPLC on Drug Analysis: Advantageous, Applications and Their Validation Parameters**

Gumustas M., KURBANOĞLU S., USLU B., ÖZKAN S. A.

CHROMATOGRAPHIA, vol.76, no.21-22, pp.1365-1427, 2013 (SCI-Expanded)

- CXIX. **Determination and detailed mechanism study of antiviral drug fosamprenavir using carbon paste electrode in the presence of Triton X-100**

Ashrafi A. M., Gümüştas M., Vytras K., Nematollahi D., Uslu B., Mikysek T., Jirasko R., Özkan S. A.

ELECTROCHIMICA ACTA, vol.109, pp.381-388, 2013 (SCI-Expanded)

- CXX. **Functionalized carbon nanotubes-With silver nanoparticles to fabricate a sensor for the determination of zolmitriptan in its dosage forms and biological samples**

Karadas N., BOZAL PALABIYIK B., USLU B., ÖZKAN S. A.

SENSORS AND ACTUATORS B-CHEMICAL, vol.186, pp.486-494, 2013 (SCI-Expanded)

- CXXI. **Electroanalytical Characterization of Levodropropizine and its Voltammetric Determination in Pharmaceuticals**

AĞIN F., Karadas N., USLU B., ÖZKAN S. A.

CURRENT PHARMACEUTICAL ANALYSIS, vol.9, no.3, pp.299-309, 2013 (SCI-Expanded)

- CXXII. **ELECTROCHEMICAL APPROACH FOR THE SENSITIVE DETERMINATION OF ANTICANCER DRUG EPIRUBICIN IN PHARMACEUTICALS IN THE PRESENCE OF ANIONIC SURFACTANT**

Bozal Palabiyik B., Kurbanoğlu S., Gümüştas M., Uslu B., Özkan S. A.

REVUE ROUMAINE DE CHIMIE, vol.58, no.7-8, pp.647-658, 2013 (SCI-Expanded)

- CXXIII. **Electrochemical Investigations of the Anticancer Drug Idarubicin Using Multiwalled Carbon Nanotubes Modified Glassy Carbon and Pyrolytic Graphite Electrodes**

KURBANOĞLU S., DOĞAN TOPAL B., USLU B., CAN A., ÖZKAN S. A.

ELECTROANALYSIS, vol.25, no.6, pp.1473-1482, 2013 (SCI-Expanded)

- CXXIV. **Multi-walled carbon nanotube modified glassy carbon electrode as a voltammetric nanosensor for the sensitive determination of anti-viral drug valganciclovir in pharmaceuticals**

DOĞAN TOPAL B., BOZAL PALABIYIK B., USLU B., ÖZKAN S. A.

SENSORS AND ACTUATORS B-CHEMICAL, vol.177, pp.841-847, 2013 (SCI-Expanded)

- CXXV. **Validation of liquid chromatographic method for simultaneous determination of quinapril and hydrochlorothiazide in pharmaceutical dosage forms Kinapril ve hidroklorotiazidin farmasötik dozaj formlarından eş zamanlı tayini için sıvı kromatografisi metot validasyonu**

Altunsoy S., BOZAL PALABIYIK B., USLU B.

Turkish Journal of Pharmaceutical Sciences, vol.10, no.2, pp.255-262, 2013 (SCI-Expanded)

- CXXVI. **VOLTAMMETRIC AND RP-LC ASSAY FOR THE ANTIDEPRESSANT DRUG MIRTAZAPINE: A VALIDATED METHOD FOR THE PHARMACEUTICAL DOSAGE FORM**

AĞIN F., Karadas N., USLU B., ÖZKAN S. A.

MACEDONIAN JOURNAL OF CHEMISTRY AND CHEMICAL ENGINEERING, vol.32, no.1, pp.41-55, 2013 (SCI-Expanded)

- CXXVII. **Fully Validated Simultaneous Determination of Bisoprolol Fumarate and Hydrochlorothiazide in**

Their Dosage Forms Using Different Voltammetric, Chromatographic, and Spectrophotometric Analytical Methods

Bozal Palabıyık B., Gümüştaş M., Doğan Topal B., Uslu B., Özkan S. A.

JOURNAL OF AOAC INTERNATIONAL, vol.96, no.1, pp.42-51, 2013 (SCI-Expanded)

- CXXVIII. **Electrochemical Study of the Interaction Between the Antibacterial Drug Gemifloxacin and dsDNA Using Pencil Graphite Electrode**

BOZAL PALABIYIK B., Topal B., USLU B., ÖZKAN S. A., Aboul-Enein H. Y.

CURRENT ANALYTICAL CHEMISTRY, vol.8, no.4, pp.528-533, 2012 (SCI-Expanded)

- CXXIX. **ELECTROCHEMICAL DETERMINATION OF ANTI-HYPERLIPIDEMIC DRUG EZETIMIBE BASED ON ITS OXIDATION ON SOLID ELECTRODES**

KUL D., USLU B., ÖZKAN S. A.

ANALYTICAL LETTERS, vol.44, no.7, pp.1341-1357, 2011 (SCI-Expanded)

- CXXX. **ELECTROANALYTICAL METHODS FOR THE DETERMINATION OF PHARMACEUTICALS: A REVIEW OF RECENT TRENDS AND DEVELOPMENTS**

USLU B., ÖZKAN S. A.

ANALYTICAL LETTERS, vol.44, no.16, pp.2644-2702, 2011 (SCI-Expanded)

- CXXXI. **Applications of Carbon Based Electrodes for Voltammetric Determination of Lornoxicam in Pharmaceutical Dosage Form and Human Serum**

BOZAL PALABIYIK B., USLU B.

COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.13, no.7, pp.599-609, 2010 (SCI-Expanded)

- CXXXII. **Electroanalytical characteristics of antipsychotic drug ziprasidone and its determination in pharmaceuticals and serum samples on solid electrodes**

Kul D., Gümüştaş M., Uslu B., Özkan S. A.

TALANTA, vol.82, no.1, pp.286-295, 2010 (SCI-Expanded)

- CXXXIII. **High-Performance Liquid Chromatographic and First Derivative of the Ratio Spectrophotometric Determination of Amlodipine and Valsartan in Their Binary Mixtures**

KUL D., DOĞAN TOPAL B., Kutucu T., USLU B., ÖZKAN S. A.

JOURNAL OF AOAC INTERNATIONAL, vol.93, no.3, pp.882-890, 2010 (SCI-Expanded)

- CXXXIV. **Anodic voltammetry of zolmitriptan at boron-doped diamond electrode and its analytical applications**

USLU B., Canbaz D.

Pharmazie, vol.65, no.4, pp.245-250, 2010 (SCI-Expanded)

- CXXXV. **Electroanalytical Characteristics of Lercanidipine and its Voltammetric Determination in Pharmaceuticals and Human Serum on Boron-Doped Diamond Electrode**

ALTUN Y., USLU B., ÖZKAN S. A.

ANALYTICAL LETTERS, vol.43, no.12, pp.1958-1975, 2010 (SCI-Expanded)

- CXXXVI. **Electroanalytical Studies and Simultaneous Determination of Amlodipine Besylate and Atorvastatine Calcium in Binary Mixtures Using First Derivative of the Ratio-Voltammetric Methods**

DOĞAN TOPAL B., BOZAL PALABIYIK B., Demircigil B. T., USLU B., ÖZKAN S. A.

ELECTROANALYSIS, vol.21, no.22, pp.2427-2439, 2009 (SCI-Expanded)

- CXXXVII. **Voltammetric studies on the HIV-1 inhibitory drug Efavirenz: The interaction between dsDNA and drug using electrochemical DNA biosensor and adsorptive stripping voltammetric determination on disposable pencil graphite electrode**

DOĞAN TOPAL B., USLU B., ÖZKAN S. A.

BIOSENSORS & BIOELECTRONICS, vol.24, no.8, pp.2358-2364, 2009 (SCI-Expanded)

- CXXXVIII. **Anodic behavior of sertindole and its voltammetric determination in pharmaceuticals and human serum using glassy carbon and boron-doped diamond electrodes**

ALTUN Y., DOĞAN TOPAL B., USLU B., ÖZKAN S. A.

ELECTROCHIMICA ACTA, vol.54, no.6, pp.1893-1903, 2009 (SCI-Expanded)

- CXXXIX. **Quantitative Analysis of Irbesartan in Pharmaceuticals and Human Biological Fluids by Voltammetry**

BOZAL PALABIYIK B., DOĞAN TOPAL B., USLU B., ÖZKAN S. A., Aboul-Enein H. Y.

- ANALYTICAL LETTERS, vol.42, no.14, pp.2322-2338, 2009 (SCI-Expanded)
- CXL. **Electroanalytical investigation and determination of pefloxacin in pharmaceuticals and serum at boron-doped diamond and glassy carbon electrodes**
USLU B., DOĞAN TOPAL B., ÖZKAN S. A.
TALANTA, vol.74, no.5, pp.1191-1200, 2008 (SCI-Expanded)
- CXLI. **Electroanalytical determination of opipramol in pharmaceutical preparations and biological fluids**
Turhan E., USLU B.
ANALYTICAL LETTERS, vol.41, no.11, pp.2013-2032, 2008 (SCI-Expanded)
- CXLII. **Electrochemical determination of HIV drug abacavir based on its reduction**
Dogan B., USLU B., ÖZKAN S. A., Zuman P.
ANALYTICAL CHEMISTRY, vol.80, no.1, pp.209-216, 2008 (SCI-Expanded)
- CXLIII. **Differential pulse polarographic determination of Co(II) using moxifloxacin**
İNAM R., Mercan H., YILMAZ E., USLU B.
Journal of Analytical Chemistry, vol.62, no.6, pp.592-598, 2007 (SCI-Expanded)
- CXLIV. **Electrochemical study of S-adenosyl-L-methionine and its differential pulse and square-wave voltammetric determination**
USLU B., ÖZKAN S. A., Aboul-Enein H. Y.
Electroanalysis, vol.14, no.11, pp.736-740, 2002 (SCI-Expanded)
- CXLV. **Voltammetric determination of amoxicillin using a carbon paste electrode modified with poly(4-vinyl pyridine)**
Biryol I., USLU B., Küçükyavuz Z.
S.T.P. Pharma Sciences, vol.8, no.6, pp.383-386, 1998 (SCI-Expanded)

Articles Published in Other Journals

- I. **GREEN PROCEDURE INDEX ASSESSMENT OF THE NOVEL STABILITY-INDICATING RP-HPLC METHOD FOR THE DETERMINATION OF CAPTOPRIL FROM PHARMACEUTICAL DOSAGE FORM**
erkmen c., Uslu B.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.47, no.3, pp.894-906, 2023 (Scopus)
- II. **An Efficient, Simultaneous Electrochemical Assay of Rosuvastatin and Ezetimibe from Human Urine and Serum Samples**
Karadurmus L., KURBANOĞLU S., USLU B., ÖZKAN S. A.
Methods and Protocols, vol.5, no.6, 2022 (ESCI)
- III. **Layer-by-layer modification strategies for electrochemical detection of biomarkers**
Erkmen C., Selcuk O., ÜNAL M. N., KURBANOĞLU S., USLU B.
Biosensors and Bioelectronics: X, vol.12, 2022 (Scopus)
- IV. **Sensitive electrochemical determination of Cefpirome in human urine using differential pulse voltammetry**
ERKMEN C., BOZAL PALABIYIK B., USLU B.
Cumhuriyet Science Journal, vol.42, no.3, pp.593-601, 2021 (Peer-Reviewed Journal)
- V. **Stability-indicating liquid chromatographic method for the simultaneous determination of rosuvastatin and ezetimibe from pharmaceuticals and biological samples**
KURBANOĞLU S., Esim O., Ozkan C. K., Savaser A., Ozkan Y., USLU B., ÖZKAN S. A.
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.7, no.3, pp.865-874, 2020 (Scopus)
- VI. **Elektrokimyasal Yöntemler**
KARADAŞ BAKIRHAN N., ÇELİK H., BOZAL PALABIYIK B., USLU B.
T.C Sağlık Bakanlığı, pp.93-113, 2017 (Peer-Reviewed Journal)
- VII. **Meet our editorial board member**
USLU B.
Current Drug Therapy, vol.10, no.1, pp.1-2, 2015 (Scopus)

- VIII. **Editorial**
ÖZKAN S. A., USLU B., Ozkan Y., Aboul-Enein H. Y.
Current Drug Therapy, vol.9, no.4, 2015 (Scopus)
- IX. **Determination and validation of the antiviral drugs using reverse phase high performance liquid chromatographic method**
KURBANOĞLU S., Ashrafi A. M., Vytřas K., USLU B., ÖZKAN S. A.
Current Drug Therapy, vol.9, no.4, pp.256-260, 2015 (Scopus)
- X. **Editorial**
ÖZKAN S. A., USLU B., Ozkan Y., Aboul-Enein H. Y.
Current Drug Therapy, vol.9, no.4, pp.209, 2014 (Scopus)
- XI. **Validation of Liquid Chromatographic Method for Simultaneous Determination of Quinapril and Hydrochlorothiazide in Pharmaceutical Dosage Forms**
ALTUNSOY S., BOZAL PALABIYIK B., USLU B.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.10, no.2, pp.255-262, 2013 (Scopus)
- XII. **Differential pulse voltammetric determination of fulvestrant in pharmaceutical dosage forms and serum samples**
DOĞAN TOPAL B., ÖZKAN S. A., USLU B.
International Journal of Electrochemistry, 2011 (ESCI)
- XIII. **A Review of Electroanalytical Techniques for Determination of Anti-HIV Drugs**
BOZAL PALABIYIK B., USLU B., ÖZKAN S. A.
International Journal of Electrochemistry, vol.2011, pp.1-17, 2011 (ESCI)
- XIV. **Anodic Voltammetry of Ciprofloxacin and its Analytical Applications**
USLU B., BOZAL PALABIYIK B., KUŞÇU M. E.
THE OPEN CHEMICAL AND BIOMEDICAL METHODS JOURNAL, vol.3, pp.108-114, 2010 (Peer-Reviewed Journal)
- XV. **The analytical applications of square wave voltammetry on pharmaceutical analysis**
DOĞAN TOPAL B., ÖZKAN S. A., USLU B.
The Open Chemical and Biomedical Methods Journal, vol.3, pp.56-73, 2010 (Peer-Reviewed Journal)
- XVI. **The study of the voltammetric behaviour of flunarizine**
USLU B., Yılmaz N., ERK N., ÖZKAN S. A., Sentürk Z., Biryol I.
Journal de Pharmacie de Belgique, vol.53, no.3, pp.263, 1998 (Scopus)

Books & Book Chapters

- I. **İlaç Analizlerinde Aptansensör Tasarımları**
Sadak S., Küçük İ., Silah H., Uslu B.
in: CUMHURİYETİN 100. YILINDA ECZACILIKTA YENİLİKLER 4, Prof. Dr. Asuman Bozkır, Prof. Dr. İlkay Yıldız, Editor, Ankara Üniversitesi, Ankara, pp.39-52, 2023
- II. **Review of Surfactants, Structural Properties and Their Role in Electrochemistry**
Ünal D. N., Sadak S., Erkmen C., Selçuk Ö., Uslu B.
in: Surfactant-based Sensors in Chemical and Biochemical Detection, J G Manjunatha, Editor, Royal Society of Chemistry, London, pp.1-18, 2023
- III. **Development of Nanoparticle-Modified Ultramicroelectrodes and Their Electroanalytical Application**
Bozal Palabıyık B., Selçuk Ö., Uslu B.
in: Handbook of Nanobioelectrochemistry, Uday Pratap Azad, Pranjal Chandra, Editor, Springer Nature, Singapore, pp.861-879, 2023
- IV. **Nanobiosensors: Construction and Diagnosis of Disease**
Erkmen C., Aydoğdu Tığ G., Uslu B.
in: Handbook of Nanobioelectrochemistry, Pranjal Chandra, Uday Pratab Azad, Editor, Springer Nature, Singapore, pp.639-660, 2023
- V. **Principle of enzyme-linked electrochemical sensors**

Kurbanoğlu S., Silah H., Erkmen C., Ünal D. N., Uslu B.

in: Reference Module in Chemistry, Molecular Sciences and Chemical Engineering, Jan Reedijk, Editor, Elsevier Science, Oxford/Amsterdam , Aarau, pp.1-11, 2023

VI. Chapter 21. One-dimensional polymeric nanocomposites for electrochemical sensors

Numal R., Unal D. N., Kurbanoğlu S., Shah A., Uslu B.

in: One Dimensional Polymeric Nanocomposites: Synthesis to Emerging Applications, Ram Gupta and Tuan Anh Nguyen, Editor, CRC Press/Taylor & Francis, Florida, pp.381-401, 2023

VII. Electrochemistry of Metal Phosphates and Phosphonates

Silah H., Erkmen C., Uslu B.

in: Metal Phosphates and Phosphonates Fundamental to Advanced Emerging Applications, Ram K. Gupta, Editor, Springer, London/Berlin , Aarau, pp.61-77, 2023

VIII. Disposable Electrochemical Sensors for Biomedical Applications

Sadak S., Atay İ., Kurbanoğlu S., Uslu B.

in: Recent Developments in Green Electrochemical Sensors: Design, Performance, and Applications, J. G. Manjunatha, Chaudhery Mustansar Hussain, Editor, ACS Publications , Washington, pp.157-191, 2023

IX. Green Electrochemical Sensor for Drug Analysis

Kanbeş Dindar Ç., Kabir Z., Uslu B.

in: Recent Developments in Green Electrochemical Sensors: Design, Performance, and Applications, J. G. Manjunatha, Chaudhery Mustansar Hussain, Editor, ACS Publications , Washington, pp.307-340, 2023

X. Biosensors Fundamentals, Emerging Technologies, and Applications

Özkan S. A. (Editor), Uslu B. (Editor), Sezgintürk M. K. (Editor)

CRC Press, Florida, 2022

XI. Prospects of carbon based sensors for hormones detection

Unal D. N., Selçuk Ö., Erkmen C., Kurbanoğlu S., Uslu B.

in: Electrochemical Sensors Based on Carbon Composite Materials, Jamballi G Manjunatha, Editor, IOPS, Bristol, pp.1-33, 2022

XII. Sensing of phenol and chlorophenols using carbon nanotubes modified glassy carbon electrode

Silah H., Erkmen C., Ünal D. N., Uslu B.

in: Sensing of Deadly Toxic Chemical Warfare Agents, Nerve Agent Simulants, and Their Toxicological Aspects, Sangita Das, Sabu Thomas, Partha Pratim Das, Editor, Elsevier Science, Oxford/Amsterdam , Pennsylvania, pp.297-329, 2022

XIII. Overview of biosensors: Definition, principles, and instrumentation

Kaya S. İ., Ünal D. N., Çetinkaya A., Uslu B., Özkan S. A.

in: Biosensors Fundamentals, Emerging Technologies, and Applications, Sibel Aysıl Özkan, Bengi Uslu, Mustafa Kemal Sezgintürk, Editor, CRC Press, Florida, pp.3-23, 2022

XIV. Carbon Nanomaterials-Based Sensors for the Development of Sensitive Platform

Silah H., Demir E., Yıldırım S., Uslu B.

in: Carbon Nanomaterials-Based Sensors, Jamballi G. Manjunatha, Chaudhery Mustansar Hussain, Editor, Elsevier Science, Oxford/Amsterdam , Basel, pp.191-246, 2022

XV. Polymeric Nanofibers as Electrodes for Sensors

Rahman S., Selçuk Ö., Iftikhar F. J., Kurbanoğlu S., Shah A., Siddiq M., Uslu B.

in: Organic Electrodes Fundamental to Advanced Emerging Applications, Ram K. Gupta, Editor, Springer, London/Berlin , Aarau, pp.399-413, 2022

XVI. Modification of Solid Electrodes by Electrochemical Polymerization and Their Use as (Bio)Sensors

Kul D., Uslu B., Özkan S. A.

in: Advances in Materials Science Research, Maryann C. Wythers, Editor, NOVA Science Publishers Inc. , New York, pp.1-100, 2022

XVII. Basics of Electrochemical Sensors

ERKMEN C., Unal D. N., KURBANOĞLU S., USLU B.

in: Organic Electrodes Fundamental to Advanced Emerging Applications, Ram K. Gupta, Editor, Springer Nature, pp.81-99, 2022

- XVIII. **The Use of Nanomaterials in Modified Electrodes from Past to Present**
Selçuk Ö., Ünal D. N., Silah H., Uslu B.
in: *Advances in Nanotechnology*, Zacharie Bartul, Jérôme Trenor, Editor, NOVA Science Publishers Inc. , New York, pp.1-10, 2022
- XIX. **Validation Requirements in Biosensors**
Karadurmuş L., Kaya S. İ., Özçelikay G., Gümüştaş M., Uslu B., Özkan S. A.
in: *Biosensors*, Sibel A. Ozkan, Bengi Uslu, Mustafa Kemal Sezgintürk, Editor, CRC, New York , New York, pp.313-343, 2022
- XX. **SERS Sensor Applications in Environmental Analysis and Biotechnology**
TAMER U., TORUL H., DOĞAN Ü., ERYILMAZ M., gümüştaş a., BOYACI İ. H., ÖZKAN S. A., USLU B.
in: *Nanotechnology Applications in Health and Environmental Sciences*, Necdet Saglam, Feza Korkusuz, Ram Prasad, Editor, Springer, pp.197-236, 2021
- XXI. **Chapter 4. Quantum dot-based electrochemical molecularly imprinted polymer sensors: potentials and challenges**
YARMAN A., KURBANOĞLU S., ERKMEN C., USLU B., Scheller F.
in: *Electroanalytical Applications of Quantum Dot-Based Biosensors*, Bengi Uslu, Editor, Elsevier, pp.121-153, 2021
- XXII. **Chapter 13: Future prospects and concluding remarks for electroanalytical applications of quantum dots**
BOZAL PALABIYIK B., KURBANOĞLU S., ERKMEN C., USLU B.
in: *Electroanalytical Applications of Quantum Dot-Based Biosensors*, Bengi Uslu, Editor, Elsevier, pp.427-450, 2021
- XXIII. **Quantum dots-based sensors using solid electrodes**
KRZYCZMONIK P., BOZAL PALABIYIK B., SKRZYPEK S., USLU B.
in: *Electroanalytical Applications of Quantum Dot-Based Biosensors*, Uslu Bengi, Editor, Elsevier, pp.81-120, 2021
- XXIV. **Chapter 8. Fabrication of quantum dot-polymer composites and their electroanalytical applications**
SÖYLEMEZ S., ERKMEN C., KURBANOĞLU S., TOPPARE L. K., USLU B.
in: *Electroanalytical Applications of Quantum Dot-Based Biosensors*, Bengi Uslu, Editor, Elsevier, pp.271-306, 2021
- XXV. **Chapter 1. Quantum dots: Synthesis and characterizations**
aftab s., Shah A., ERKMEN C., KURBANOĞLU S., USLU B.
in: *Electroanalytical Applications of Quantum Dot-Based Biosensors*, Bengi Uslu, Editor, Elsevier, pp.1-35, 2021
- XXVI. **Future prospects and concluding remarks for electroanalytical applications of quantum dots**
BOZAL PALABIYIK B., KURBANOĞLU S., ERKMEN C., USLU B.
in: *Electroanalytical Applications of Quantum Dot-Based Biosensors*, Uslu Bengi, Editor, Elsevier, pp.427-450, 2021
- XXVII. **Overview of Analytical Methods in Alzheimer's Disease Drugs: Optical, Chromatographic, and Electrochemical Methods**
ERKMEN C., BOZAL PALABIYIK B., USLU B.
in: *Frontiers in Clinical Drug Research-Dementia*, Atta-ur-Rahman, Editor, Bentham Books, Singapore, pp.132-164, 2020
- XXVIII. **Reviewing Analytical Methods for Detection and Determination of Tadalafil**
BOZAL PALABIYIK B., ERKMEN C., DEMİR E., USLU B.
in: *Advances in Health and Disease*, DUNCAN LOWELL T., Editor, Nova Science Publishers, pp.53-106, 2020
- XXIX. **Elektrokimyasal İlaç Analizlerinde Moleküler Baskılanmış Polimer Kullanımı**
BOZAL PALABIYIK B., USLU B.
in: *Eczacılıkta Yenilikler 3*, Özçelikay Gülbin, Yıldız İlkey, Editor, Ankara Üniversitesi Basımevi, Ankara, pp.13-32, 2020
- XXX. **Nanosensors in Biomarker Detection**
BOZAL PALABIYIK B., USLU B., MARRAZZA G.
in: *New Developments in Nanosensors for Pharmaceutical Analysis*, Ozkan Sibel A., Shah Afzal, Editor, Academic Press , pp.327-380, 2019
- XXXI. **Novel Validated UHPLC Method for the Estimation of Drug Active Compounds**
Gümüştaş M., Uslu B., Özkan S. A.
in: *Recent Advances in Analytical Techniques, Novel Developments in Pharmaceutical and Biomedical Analysis*,

Atta-ur-Rahman, Sibel A. Özkan, Rida Ahmed, Editor, Bentham E-books, Sharjah, pp.44-97, 2018

- XXXII. **New Trends in Electrochemical Sensors Modified with Carbon Nanotubes and Graphene for Pharmaceutical Analysis**
BOZAL PALABIYIK B., DOĞAN TOPAL B., ÖZKAN S. A., USLU B.
in: Recent Advances in Analytical Techniques: Novel Developments in Pharmaceutical and Biomedical Analysis, Atta-ur-Rahman, Ozkan Sibel A., Ahmed Rida, Editor, Bentham, pp.249-301, 2018
- XXXIII. **Novel diagnostic techniques: Genomic, proteomic and systems biology approaches**
KARAHİSAR TURAN S., Yıldızhan H., Barkan N. P., ÖZEL DEMİRALP F. D., USLU B., ÖZKAN S. A.
in: Design of Nanostructures for Theranostics Applications, Alexandru Mihai Grumezescu, Editor, Elsevier, pp.1-40, 2018
- XXXIV. **Biosensor-Based Methods for the Determination of Foodborne Pathogens**
BOZAL PALABIYIK B., GÜMÜŞTAŞ A., ÖZKAN S. A., USLU B.
in: Foodborne Diseases Handbook of Food Bioengineering, Holban Alina Maria, Grumezescu Alexandru Mihai, Editor, Elsevier, pp.379-420, 2018
- XXXV. **Conventional and current imaging techniques in cancer research and clinics**
Barhan N. P., KARAHİSAR TURAN S., Yıldızhan H., ÖZEL DEMİRALP F. D., USLU B., ÖZKAN S. A.
in: Design of Nanostructures for Theranostics Applications, Alexandru Mihai Grumezescu, Editor, Elsevier, pp.493-528, 2018
- XXXVI. **Treatment strategies in cancer from past to present**
YILDIZHAN H., BARKAN N. P., KARAHİSAR TURAN S., DEMİRALP Ö., ÖZEL DEMİRALP F. D., USLU B., ÖZKAN S. A.
in: Drug Targeting and Stimuli Sensitive Drug Delivery Systems, Alexandru Grumezescu, Editor, William Andrew, pp.1-37, 2018
- XXXVII. **Novel Validated UHPLC Method for the Estimation of Drug Active Compounds**
GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
in: Recent Advances in Analytical Techniques Volume 2, , Editor, Bentham Publishers, pp.44-97, 2018
- XXXVIII. **Lipid based nanoparticles for dermal drug delivery**
BADILLI F. U., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
in: Organic materials as smart nanocarriers for drug delivery, Grumezescu, A. M, Editor, Elsevier, pp.369-403, 2018
- XXXIX. **Majistral Ürünler**
ÖZKAN Y., AYDIN A., BEŞİKCİ A. O., SAVAŞER A., KARATAŞ A., ARICA YEGİN B., USLU B., SEVER YILMAZ B., PALASKA E., SALTAN İŞCAN G., et al.
in: Türk Farmakopesi 2017-VI, Dr. ALİ ALKAN, ERAY KAPLAN, OĞUZHAN KOYUNCU, SELİN ERGÜN AYAN, Editor, SAĞLIK BAKANLIĞI, Ankara, pp.4485-4682, 2018
- XL. **Kromatografik Ayırma Teknikleri**
USLU B., SAĞIRLI A. O., SÜSLÜ İ., GÜNDEN GÖÇER N., SAĞLIK ASLAN S., ÖZKAN S. A., DOĞAN TOPAL B., KUL D., ARIKSOYSAL D., NEMUTLU E., et al.
in: Türk Farmakopesi 2017, Yalçın Özkan, Editor, Sağlık Bakanlığı Türkiye İlaç ve Tıbbi Cihaz Kurumu, Ankara, pp.89-96, 2018
- XLI. **The Detection of Pesticide in Foods Using Electrochemical Sensors**
KARADAŞ BAKIRHAN N., USLU B., ÖZKAN S. A.
in: Food Safety and Preservation, Grumezescu Alexandru Mihai, Holban Alina Maria, Editor, ELSEVIER, pp.91-141, 2018
- XLII. **Detection of DNA damage induced by nanomaterials**
Doğan Topal B., Uslu B., Özkan S. A.
in: Nanoscale Fabrication, Optimization, Scale-up and Biological Aspects of Pharmaceutical Nanotechnology, Alexandru Mihai Grumezescu, Editor, William Andrew Publishing , London, pp.545-577, 2017
- XLIII. **CARBON-BASED NANOSTRUCTURES FOR ELECTROCHEMICAL ANALYSIS OF ORAL MEDICINES**
KURBANOĞLU S., USLU B., ÖZKAN S. A.
in: Nanostructures for Oral Medicine, Andronesu Ecaterina and Grumezescu Alexandru Mihai, Editor, Elsevier, pp.885-938, 2017
- XLIV. **Sensitive and Selective Assay of Antimicrobials on Nanostructured Materials by Electrochemical**

Techniques

KARADAŞ BAKIRHAN N., USLU B., ÖZKAN S. A.

in: Nanostructures for Antimicrobial Therapy, Ficaı Anton, Grumezescu Alexandru Mihai, Editor, ELSEVIER, pp.55-76, 2017

XLV. Effect of Polymer-Based Nanoparticles on the Assay of Antimicrobial Drug Delivery Systems

GÜMÜŞTAŞ M., ŞENGEL TÜRK C. T., GÜMÜŞTAŞ A., ÖZKAN S. A., USLU B.

in: Multifunctional Systems for Combined Delivery, Biosensing and Diagnostics, Alexandru Mihai Grumezescu, Editor, Elsevier, Cambridge, pp.67-108, 2017

XLVI. Novel Diagnostic Techniques: Genomic, Proteomic And Systems Biology Approaches

KARAHİSAR TURAN S., YILDIZHAN H., BARKAN N. P., ÖZEL DEMİRALP F. D., USLU B., ÖZKAN S. A.

in: Design of Nanostructures for Theranostics Applications, Alexandru Mihai Grumezescu, Editor, ELSEVIER, pp.1, 2017

XLVII. Sensitive and Selective Assay of Antimicrobials on Nanostructured Materials by Electrochemical Techniques

KARADAŞ BAKIRHAN N., USLU B., ÖZKAN S. A.

in: Nanostructures for Antimicrobial Therapy: Nanostructures in Therapeutic Medicine Series, Ficaı Anton and Grumezescu Alexandru Mihai, Editor, Elsevier, pp.55-83, 2017

XLVIII. Nano-sized Drug Carriers for Oral Delivery of Anti-Cancer Compounds and the Place of the Chromatographic Techniques

ŞENGEL TÜRK C. T., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.

in: Nano- and Microscale Drug Delivery Systems, 1st Edition, Alexandru Mihai Grumezescu, Editor, Elsevier, Cambridge, pp.165-195, 2017

XLIX. Nano-Sized Drug Carriers for Oral Delivery of Anti-Cancer Compounds and The Place of The Chromatographic Techniques

ŞENGEL TÜRK C. T., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.

in: Nano- and Microscale Drug Delivery Systems 1st Edition Design and Fabrication, Alex Grumezescu, Editor, Elsevier, Amsterdam, pp.165-190, 2017

L. Conventional And Current Imaging Techniques In Cancer Research And Clinics

BARKAN N. P., KARAHİSAR TURAN S., YILDIZHAN H., ÖZEL DEMİRALP F. D., USLU B., ÖZKAN S. A.

in: Design of Nanostructures for Theranostics Applications,, Alexandru Mihai Grumezescu, Editor, ELSEVIER, pp.493, 2017

LI. Nanosized Drug Carriers for Oral Delivery of Anticancer Compounds and the Importance of the Chromatographic Techniques

ŞENGEL TÜRK C. T., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.

in: Nano- and Microscale Drug Delivery Systems: Design and Fabrication, Grumezescu Alexandru, Editor, Elsevier, pp.165-195, 2017

LII. Eczacılık Terimleri Sözlüğü İlaç Analizleri Terimleri

USLU B., GÜMÜŞTAŞ M., BOZAL PALABIYIK B., SAVAŞER A., ÖZKAN Y., ÖZKAN S. A.

Logos Yayıncılık, İstanbul, 2016

LIII. Türk Farmakopesi II Monograflar Avrupa Farmakopesi Adaptasyonu 2016

SAVAŞER A., HASÇİÇEK C., ÖZKAN S. A., ÖZKAN Y., besikci a., Tas c., sarac tarhan s., KÖSE ÖZKAN C., ARICA YEGİN B., USLU B., et al.

Anıl Reklam Matbaaa ltd., 2016

LIV. Applications for drug assays

USLU B., ÖZKAN S. A., KAUFFMANN J. M.

in: Electroanalysis in Biomedical and Pharmaceutical Sciences Voltammetry Amperometry Biosensors Applications Monographs in Electrochemistry, SİBEL AYŞIL ÖZKAN, JEAN MICHEL KAUFFMANN, PETR ZUMAN, Editor, Springer, Berlin Heidelberg, pp.267-325, 2015

LV. Electrochemical and hyphenated electrochemical detectors in liquid chromatography and flow injection systems for dryg compound analysis

ÖZKAN S. A., USLU B., sarakbi a., Kauffmann J. M.

in: Electroanalysis in biomedical and pharmaceutical sciences, Ozkan S A, Kauffmann J M, Zuman P, Editor, Springer, pp.187-233, 2015

LVI. Electrochemical and Hyphenated electrochemical detectors in liquid chromatography and flow injection systems for drug compound analysis

ÖZKAN S. A., USLU B., SARAKBI A., KAUFFMANN J. M.

in: Electroanalysis in Biomedical and Pharmaceutical Sciences Voltammetry Amperometry Biosensors Applications Monographs in Electrochemistry, SİBEL AYŞIL ÖZKAN, JEAN MICHEL KAUFFMANN, PETR ZUMAN, Editor, Springer, Berlin Heidelberg, pp.187-227, 2015

LVII. Eczacılık Terimleri Sözlüğü Analiz terimleri

USLU B., GÜMÜŞTAŞ M., SAVAŞER A., ÖZKAN Y., ÖZKAN S. A.

Logos Tıp Yayıncılık, 2012

Refereed Congress / Symposium Publications in Proceedings

I. Electrochemical Determination of Antifibrotic Drug Based on Molecularly Imprinted Polymer and Diamond Nanoparticle Composite

Selçuk Ö., Uslu B.

NanoTR-17 17th INTERNATIONAL NANOSCIENCE & NANOTECHNOLOGY CONFERENCE, İzmir, Turkey, 27 - 29 August 2023, pp.287

II. Design of a green electrochemical nanosensor platform for the detection of mexiletine

Ünal D. N., Küçük İ., Kanbeş Dindar Ç., Bozal Palabıyık B., Uslu B.

NanoTR-17 17th INTERNATIONAL NANOSCIENCE & NANOTECHNOLOGY CONFERENCE, İzmir, Turkey, 27 - 29 August 2023, pp.288

III. Electrochemical determination of enzyme inhibitor thiram based on bimetallic nanoparticles utilizing green electroanalytical nanosensor

Çelik M., Bozal Palabıyık B., Kanbeş Dindar Ç., Uslu B.

33rd International Symposium on Pharmaceutical and Biomedical Analysis, Ankara, Turkey, 2 - 06 July 2023, pp.184

IV. Electrochemical, Spectrofluorimetric & Molecular Docking Approaches to Evaluate the Interaction of Cinacalcet HCL with Calf-Thymus dsDNA

Ünal D. N., Erkmen C., Kurbanoglu S., Eren G., Uslu B.

PBA 2023 33rd International Symposium on Pharmaceutical and Biomedical Analysis, Ankara, Turkey, 2 - 06 June 2023, pp.206

V. On the Transport of an Anticancer Drug, Leflunomide in Human Blood Circulation as Studied by Multi-Spectroscopic and Computational Investigations

Kabir M. Z., Tayyab H., Erkmen C., Mohamad S. B., Uslu B.

PBA 2023 33rd International Symposium on Pharmaceutical and Biomedical Analysis, Ankara, Turkey, 2 - 06 June 2023, pp.147-149

VI. Electrochemical Sensing of Food Allergen Lysozyme based on Aptamer-Molecularly Imprinted Polymer Hybrid Platform

Erdoğan N. Ö., Uslu B., Aydoğdu Tığ G.

The 3rd International Electronic Conference on Biosensors, 8 - 21 May 2023, pp.0-1

VII. Spektroskopik ve Elektrokimyasal Tekniklerle Antikanser İlaç Azasitidin-DNA Arasındaki Etkileşimin İncelenmesi

Unal D. N., Nimal R., Erkmen C., Bozal Palabıyık B., Siddiq M., Eren G., Shah A., Uslu B.

10. Ulusal Analitik Kimya Kongresi, Muğla, Turkey, 7 - 11 September 2022

VIII. Leptin Tayinine Yönelik Hassas ve Seçici Aptamer Tabanlı İmpedimetrik Biyosensör Tasarımı

Erkmen C., Aydoğdu Tığ G., Uslu B.

10. Ulusal Analitik Kimya Kongresi, Muğla, Turkey, 7 - 11 September 2022, pp.133

IX. Pozitif İnotropik İlaç Tayininde Elektrokimyasal Moleküler Baskılanmış Polimer Bazlı Nanosensör

Tasarımı

Selçuk Ö., Rahman S., Ünal D. N., Kurbanoglu S., Shah A., Siddiq M., Uslu B.

10. Ulusal Analitik Kimya Kongresi, Muğla, Turkey, 7 - 11 September 2022, pp.55

- X. **A Novel and Highly Efficient Electrochemical Nanosensor for The Determination of An Anticancer Drug Nelarabine**
Kabir Z., ERKMEN C., AYDOĞDU TIĞ G., KURBANOĞLU S., USLU B.
16th NANOSCIENCE & NANOTECHNOLOGY CONFERENCE (NANO TR-16), Ankara, Turkey, 5 - 08 September 2022
- XI. **Pozitif İnotropik İlaç Tayininde Elektrokimyasal Moleküler Baskılanmış Polimer Bazlı Nanosensör Tasarımı**
Selçuk Ö., Rahman S., Unal D. N., Kurbanoglu S., Shah A., Siddiq M., Uslu B.
10. Ulusal Analitik Kimya Kongresi , Muğla, Turkey, 7 - 11 September 2022, pp.55
- XII. **Sıvı Kromatografisi Yöntemi ile Bazı Antifungal Pestisitler için DNA Bağlanma Profillerinin İncelenmesi**
Erkmen C., Barut B. B., Uslu B.
34. Ulusal Kimya Kongresi, Yalova, Turkey, 1 September - 06 October 2022, pp.52-53
- XIII. **Yeşil kimya tabanlı elektroanalitik sensor hazırlamada soğuk plazma kullanımı**
Kanbeş Dindar Ç., Bozal Palabiyik B., Uslu B.
34. Ulusal Kimya Kongresi, Yalova, Turkey, 1 - 06 September 2022
- XIV. **Deep Eutectic Solvents in Direct Immersion Single Drop Microextraction: Application to Lab-In-Syringe Automated Determination of Antibiotics**
Yıldırım S., Cocovi-Solberg D., Uslu B., Solich P., Horstkotte B.
2nd European Sample Preparation and 1st Green and Sustainable Analytical Chemistry e-Conferences, Hradec-Kralove, Czech Republic, 14 - 16 March 2022, pp.75
- XV. **A molecularly imprinted electrochemical sensor for selective detection of COVID-19 drug-favipiravir in biological samples**
KANBEŞ DİNDAR Ç., BOZAL PALABIYIK B., USLU B.
3rd International Gazi Pharma Symposium Series (GPSS2021), Ankara, Turkey, 08 September 2021, pp.41
- XVI. **Investigation of interaction between milrinone and DNA by electrochemical, spectroscopic and molecular docking study**
USLU B., Ünal D. N., Erkmen C., Selçuk Ö., EREN G., KURBANOĞLU S.
31st International Symposium on Pharmaceutical and Biomedical Analysis (PBA2021), Kyoto, Japan, 29 August 2021
- XVII. **Development of diamond nanoparticle based sensor for electrochemical evaluation and determination of COVID-19 drug favipiravir**
KANBEŞ DİNDAR Ç., BOZAL PALABIYIK B., USLU B.
31st International Symposium on Pharmaceutical and Biomedical Analysis (PBA2021), Kyoto, Japan, 29 August 2021, pp.25
- XVIII. **Electrochemical Investigation of Surfactant Effect on the Etodolac and Thiocolchicoside Signals**
SELCUK O., ERKMEN C., BOZAL PALABIYIK B., USLU B.
13th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 22 June 2021, pp.150-152
- XIX. **Novel Electrochemical Nanosensor Based on COOH-Functionalized Multi Walled Carbon Nanotubes Decorated with Quantum Dots for The Determination of Clopidogrel**
ÖZÇELİKAY G., KURBANOĞLU S., BOZAL PALABIYIK B., USLU B., ÖZKAN S. A.
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), 11 - 14 March 2020
- XX. **A novel electrochemical nanosensor based on COOH-functionalized multi walled carbon nanotubes decorated with quantum dots for the determination of clopidogrel**
ÖZÇELİKAY G., KURBANOĞLU S., BOZAL PALABIYIK B., USLU B., ÖZKAN S. A.
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Turkey, 11 March 2020, pp.84
- XXI. **Study on electrochemical properties and DNA interaction of a novel schiff base**

BOZAL PALABIYIK B., MUNIR A., SHAH A., USLU B., SAQIB A., UDDIN N.

Euroanalysis XX, 1 - 05 September 2019

- XXII. **Electrochemical, Spectroscopic and Molecular Docking Studies on The Interaction of Lercanidipine with dsDNA**
DOĞAN TOPAL B., Shahzad S., KARADURMUŞ L., Caglayan M. G., Tok T. T., USLU B., Shah A., ÖZKAN S. A.
4th International Congress on Biosensors, 8 - 11 July 2019
- XXIII. **Electrochemical Investigation of Calcium Channel Blockers-dsDNA Interaction on Glassy Carbon Electrode, 1st International Congress On Analytical And Bioanalytical Chemistry**
Shahzad S., DOĞAN TOPAL B., KARADURMUŞ L., Caglayan M. G., Tok T. T., USLU B., Shah A., ÖZKAN S. A.
1st International Congress On Analytical And Bioanalytical Chemistry, 27 - 30 March 2019
- XXIV. **Electrochemical detectors: the place and importance of chromatographic pharmaceutical analysis**
USLU B.
18th INTERNATIONAL CHROMATOGRAPHY CONGRESS, 15 - 18 November 2018
- XXV. **Electrochemical detection of nasal decongestant drug oxymetazoline by -COOH functionalized MWCNTs and titania nanoparticles modified electrode**
MUNIR A., BOZAL PALABIYIK B., SHAH A., USLU B.
12th International Symposium on Pharmaceutical Sciences (ISOPS12), 26 - 29 June 2018
- XXVI. **Electrochemical analysis of desloratadine by a new design carbon based electrode**
USLU B., ÖZTÜRK K., KARADAŞ BAKIRHAN N., ÖZKAN S. A.
11th Aegean Analytical Chemistry Days (AACD2018), 25 - 29 September 2018
- XXVII. **Surface amplification of DNA based electrochemical biosensor on glassy carbon electrode with -COOH functionalized MWCNTs for the determination of cytotoxic Schiff base**
USLU B., MUNIR A., BOZAL PALABIYIK B., SAQIB A., SHAH A., UDDIN N.
DA-PBA 2018, 9 - 12 September 2018
- XXVIII. **Liquid Chromatographic Analysis of Montelukast and Levocetirizine by Using Core-Shell Particles Columns**
USLU B., ERKMEN C.
4th International Conference on Analytical Chemistry (RO-ICAC'2018), 1 - 03 September 2018
- XXIX. **Comparison Between Liquid Chromatography And Ratio Derivative Spectrophotometry For The Simultaneous Determination of Perindopril, Indapamide, and Amlodipine Ternary Mixtures**
KARADURMUŞ L., GÜMÜŞTAŞ M., KURBANOGĞLU S., ÖZKAN S. A., USLU B.
12th International Symposium on Pharmaceutical Sciences (ISOPS-12), 26 - 29 June 2018
- XXX. **Electrochemical Behaviours Of Antihistamines Levocetirizine And Desloratadine In Aqueous Solutions**
KARADAŞ BAKIRHAN N., ÖZTÜRK K., USLU B., ÖZKAN S. A.
12th International Symposium on Pharmaceutical Sciences (ISOPS), 26 - 29 June 2018
- XXXI. **Stability-indicating HILIC method for the determination of some antivirals from their pharmaceutical dosage forms**
ERKMEN C., GÜMÜŞTAŞ M., ÖZKAN S. A., USLU B.
12th International Symposium on Pharmaceutical Sciences (ISOPS12), 26 - 29 June 2018
- XXXII. **Stability-indicating UPLC method for the determination of montelukast sodium, desloratadine and their impurities from fixed dose combination tablets**
ZENGİN KURNALI S., ÖZTÜRK C., USLU A., USLU B.
12th International Symposium on Pharmaceutical Sciences (ISOPS12), 26 - 29 June 2018
- XXXIII. **Electrochemical behavior of an oral progestin dienogest and its sensitive analysis from pharmaceutical dosage form**
KARADAŞ BAKIRHAN N., ÇELİK H., ÇELİK M. Ş., USLU B., ÖZKAN S. A.
EAST WEST CHEMISTRY CONFERENCE, 12 - 14 October 2017
- XXXIV. **Quantitative analysis of ropinirole from tablets and serum samples by voltammetric techniques**
BOZAL PALABIYIK B., USLU B.
2nd International Gazi Pharma Symposium Series, 11 - 13 October 2017
- XXXV. **MWCNT/CdS quantum dot modified glassy carbon electrode for the determination of Clopidogrel**

bisulfate in tablet dosage form and serum samples

USLU B., ÖZÇELİKAY G., KURBANOĞLU S., BOZAL PALABIYIK B., ÖZKAN S. A.

Euroanalysis 2017, Stockholm, Sweden, 28 August - 01 September 2017

XXXVI. **Sensitive and rapid adsorptive stripping square wave voltammetry for quantification of antihistamine drug levocetirizine dhydrochloride**

USLU B., Öztürk K., KARADAŞ BAKIRHAN N.

Euroanalysis 2017, 28 August - 01 September 2017

XXXVII. **Simultaneous Determination of Perindopril, Indapamide and Amlodipine Ternary Mixtures Using Ratio Derivative Spectrophotometric Method**

KARADURMUŞ L., KURBANOĞLU S., GÜMÜŞTAŞ M., ÖZKAN S. A., USLU B.

28th Pharmaceutical and Biomedical Analysis Conference (PBA 2017), 2 - 05 July 2017

XXXVIII. **A VALIDATED VOLTAMMETRIC ASSAY FOR SIMULTANEOUS DETECTION OF AMLODIPINE BESYLATE AND ROSUVASTATIN CALCIUM IN BINARY MIXTURES**

USLU B., KARADAŞ BAKIRHAN N., GÜMÜŞTAŞ M., ÖZKAN S. A.

28th International Symposium on Pharmaceutical and Biomedical Analysis, 2 - 05 July 2017

XXXIX. **Electrochemical Behavior of Dienogest in Aqueous Solutions**

ÇELİK M. Ş., ÇELİK H., Isık S., KARADAŞ BAKIRHAN N., USLU B., ÖZKAN S. A.

50th Heyrovsky Discussion, 18 - 22 June 2017

XL. **Electrochemical study of anti-parkinson drug piribedil at boron-doped diamond and edge plane pyrolytic graphite electrodes**

USLU B., BOZAL PALABIYIK B.

28. International Symposium on Pharmaceutical and Biomedical Analysis, 2 - 05 June 2017

XLI. **The Role of HILIC Separation for the simultaneous determination of some antivirals**

erkmen c., GÜMÜŞTAŞ M., ÖZKAN S. A., USLU B.

27th International Symposium on Pharmaceutical and Biomedical Analysis, 13 - 16 November 2016

XLII. **Modified electrode design for sensitive detection of vardenafil from pharmaceutical dosage forms**

BOZAL PALABIYIK B., USLU B., DEMİR E., İNAM R.

7th Szeged International Workshop on Advances in Nanoscience, Szeged, Hungary, 12 - 15 October 2016

XLIII. **Adsorptive stripping determination of Ezetimibe in pharmaceutical dosage forms and biological fluids**

KARADURMUŞ L., KURBANOĞLU S., USLU B., ÖZKAN S. A.

3rd International Congress on Biosensors, 5 - 07 October 2016

XLIV. **Electrochemical Determination of Rosuvastatin**

KARADURMUŞ L., KURBANOĞLU S., USLU B., ÖZKAN S. A.

10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, 29 September - 02 October 2016

XLV. **CTAB Free Generation of SERS Active Gold Nanoparticle and Lateral Flow Immunoassay Application**

GÜMÜŞTAŞ A., AHİ E. E., ÇAĞLAYAN M. G., USLU B., ÇETİN D., SULUDERE Z., TAMER U.

10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, 29 September - 02 October 2016

XLVI. **Voltammetric Oxidation and Determination of Imatinib in Spiked Human Urine Samples**

USLU B., ÖZKAN S. A., Brycht M., Kaczmarek K., Skrzypek S.

10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, 29 September - 02 October 2016

XLVII. **Diffusion Adsorption and Electrode Kinetics of Electro Oxidations on a Stationary Solid Electrode**

ÖZKAN S. A., BOZAL PALABIYIK B., KURBANOĞLU S., USLU B.

10th Aegean Analytical Chemistry Days, 29 September - 02 October 2016

XLVIII. **ELECTROCHEMICAL DETERMINATION OF ROSUVASTATIN AND EZETIMIBE FROM HUMAN SERUM AND URINE**

KARADURMUŞ L., KURBANOĞLU S., USLU B., ÖZKAN S. A.

3rd International Conference on Analytical Chemistry, 28 - 31 August 2016

XLIX. **Elektroaktif pili(akridin turuncusu) polimer filmlerinin elektrokimyasal sentezi, karakterizasyonu ve sensor uygulamaları**

KUL D., DOĞAN TOPAL B., ÖZKAN S. A., USLU B.

8.Ulusal Analitik Kimya Kongresi, Turkey, 30 May - 03 June 2016

- L. **Tenofovir'in farmasötik dozaj şekillerinden analizi için UV sspektrofotometrik yöntem geliştirilmesi**
İşbilir İ., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
8. Ulusal Analitik Kimya Kongresi, Turkey, 30 May - 03 June 2016
- LI. **Dutasterit ve Tamsulosin'in eş zamanlı kromatografik analizi**
Barut B. B., GÜMÜŞTAŞ M., ÖZKAN S. A., USLU B.
8.Ulusal Analitik Kimya Kongresi, Turkey, 30 May - 03 June 2016
- LII. **Oseltamivir'in farmasötik dozaj şekillerinden tayininde core-shell parçacıkların etkisi**
erkmen c., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
8.Ulusal Analitik Kimya Kongresi, Turkey, 30 May - 03 June 2016
- LIII. **Entekapon'un farmasötik dozaj formundan UV spektrofotometrik tayini**
memiş h., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
8.Ulusal Analitik Kimya Kongresi, Turkey, 30 May - 03 June 2016
- LIV. **Valgansiklovir'in UV spektrofotometrik yöntemle analizi ve validasyonu**
konuralp h., memiş h., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
8. Ulusal Analitik Kimya Kongresi, Turkey, 30 May - 03 June 2016
- LV. **Vardenafil'in farmasötik dozaj şekillerinden duyarlı tayini için modifiye elektrot tasarımı**
DEMİR E., İNAM R., BOZAL PALABIYIK B., USLU B.
8. Ulusal Analitik Kimya Kongresi, Turkey, 30 May - 03 June 2016
- LVI. **Anti-lipemik rosuvastatin 'in elektrokimyasal tayini**
KARADURMUŞ L., KURBANOĞLU S., USLU B., ÖZKAN S. A.
8. Ulusal Analitik Kimya Kongresi, Turkey, 30 May - 03 June 2016
- LVII. **İrbesartan ve Hidroklorotiyazidin Ypsk ve Upsk ile Eş Zamanlı Analizi**
Boğaç Buğra B., Gümüştas A., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
8. Ulusal Analitik Kimya Kongresi, Isparta, Turkey, 30 May - 02 June 2016
- LVIII. **Ritodrin Enantiyomerlerinin Ayrımı için Ypsk Yöntemi Geliştirilmesi**
Boğaç Buğra B., Gümüştas A., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
8. Ulusal Analitik Kimya Kongresi, Isparta, Turkey, 30 May - 02 June 2016
- LIX. **Entakapon'un Farmasötik Dozaj Formundan UV Spektrofotometrik Tayini**
Boğaç Buğra B., Gümüştas A., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
8. Ulusal Analitik Kimya Kongresi, Isparta, Turkey, 30 May - 02 June 2016
- LX. **Tenofovirin Farmasötik Dozaj Şeklinden Analizi için UV Spektrofotometrik Yöntem Geliştirilmesi**
Boğaç Buğra B., Gümüştas A., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
8. Ulusal Analitik Kimya Kongresi, Isparta, Turkey, 30 May - 02 June 2016
- LXI. **The effect of core shell particles on chromatographic determination and optimization of dutasteride and tamsulosin**
USLU B., GÜMÜŞTAŞ A., GÜMÜŞTAŞ M., BARUT B. B., ÖZKAN S. A.
43rd Symposium of HPLC and related techniques (HPLC 2015), 21 - 25 September 2015
- LXII. **A NOVEL RP LC METHOD FOR THE SIMULTANEOUS DETERMINATION OF ROSUVASTATIN AND EZETIMIBE FROM RABBIT PLASMA AND PHARMACEUTICAL DOSAGE FORM**
ÖZKAN S. A., KÖSE ÖZKAN C., ESİM Ö., KURBANOĞLU S., SAVAŞER A., ÖZKAN Y., USLU B.
43rd International Symposium of High Performance Liquid Phase Separations and Related Technologies, 21 - 25 September 2015
- LXIII. **Voltametri UV ve florimetrik spektroskopi yöntemleri ile lapatinib dsDNA etkileşim mekanizmasının aydınlatılması**
DOĞAN TOPAL B., BOZAL PALABIYIK B., ÖZKAN S. A., USLU B.
27.Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015
- LXIV. **Uv ve Florimetrik Spektroskopi Yöntemleri İle Lapatinip Dsdna Etkileşim Mekanizmasının Aydınlatılması**
DOĞAN TOPAL B., BOZAL PALABIYIK B., ÖZKAN S. A., USLU B.
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015

- LXV. **Dienogest Etken Maddesinin Elektrokimyasal Davranışının İncelenmesi Ve Modifiye Elektrodun Elektrokimyasal İmpedans Yöntemiyle Karakterizasyonu**
KARADAŞ BAKIRHAN N., ÇELİK H., USLU B., ÖZKAN S. A.
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
- LXVI. **Optimization and validation of a RP LC method for the sensitive determination of antazoline and tetrahydrozoline**
GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
26-th International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2015), 5 - 08 July 2015
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USLU B.
26th International Symposium on Pharmaceutical and Biomedical Analysis, 5 - 08 July 2015
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DOĞAN TOPAL B., KURBANOĞLU S., HLAVATA L., JAN L., ÖZKAN S. A., USLU B.
26th International Symposium on Pharmaceutical and Biomedical Analysis, 5 - 08 July 2015
- LXIX. **Detection of Damaged DNA Antidepressant Drug Interaction Through Electrochemical DNA Biosensor**
KURBANOĞLU S., DOĞAN TOPAL B., HLAVATA L., LABUDA J., ÖZKAN S. A., USLU B.
26th International Symposium on Pharmaceutical and Biomedical Analysis, 5 - 08 July 2015
- LXX. **Voltammetric determination of entacapone from pharmaceutical dosage forms**
BOZAL PALABIYIK B., USLU B.
26th International Symposium on Pharmaceutical and Biomedical Analysis, 5 - 08 July 2015
- LXXI. **Application of various electrochemical biosensors**
DOĞAN TOPAL B., BOZAL PALABIYIK B., USLU B., ÖZKAN S. A.
11th International Symposium on Pharmaceutical Sciences, 9 - 12 June 2015
- LXXII. **Antihypertensive Enalapril, Lercanidipin, Nitrendipin'xxin TF-SK ile eş zamanlı Tayin Yöntemleri ve Validasyonu**
KURBANOĞLU S., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
15. Ulusal Kromatografi Kongresi, Turkey, 8 - 10 April 2015
- LXXIII. **Antihypertensive drugs chromatographic methods analysis in the latest developments**
Cansu Y., BOZAL PALABIYIK B., DOĞAN TOPAL B., ÖZKAN S. A., USLU B.
15. Ulusal Kromatografi Kongresi, Turkey, 8 - 10 April 2015
- LXXIV. **Antihypertensive Enalapril Lercanidipin Nitrendipin in TF SK İle Eş Zamanlı Tayin Yöntemleri Ve Validasyonu**
KURBANOĞLU S., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
15. Ulusal Kromatografi Kongresi, Turkey, 8 - 10 April 2015
- LXXV. **Antihypertensive drugs chromatographic methods analysis in the latest developments**
YAKAR C., BOZAL PALABIYIK B., DOĞAN TOPAL B., ÖZKAN S. A., USLU B.
15. Ulusal Kromatografi Kongresi, Uşak, Turkey, 8 - 10 April 2015
- LXXVI. **Antihypertensive Drugs Chromatographic Methods Analysis in the Latest Developments**
YAKAR C., BOZAL PALABIYIK B., DOĞAN TOPAL B., ÖZKAN S. A., USLU B.
15. Ulusal Kromatografi Kongresi, Turkey, 8 - 10 April 2015
- LXXVII. **New perspectives for determination of pramipexole Multi walled carbon nanotubes modified electrode**
BOZAL PALABIYIK B., USLU B.
2nd International Conference on Analytical Chemistry, 17 - 21 September 2014
- LXXVIII. **Electrochemical mechanism and kinetic studies of nilotinib**
DOĞAN TOPAL B., BOZAL PALABIYIK B., ÖZKAN S. A., USLU B.
2nd International Conference on Analytical Chemistry, 17 - 21 September 2014
- LXXIX. **Design of a novel nanosensor for the determination of the antiparkinson drug ropinirole from pharmaceutical dosage forms**

BOZAL PALABIYIK B., USLU B.

2nd International Conference on Analytical Chemistry, 17 - 21 September 2014

- LXXX. **Design of novel nanosensor for the determination of the antiparkinson drug ropinirole from pharmaceutical dosage forms**

BOZAL PALABIYIK B., USLU B.

2nd International Conference on Analytical Chemistry, Targovishte, Bulgaria, 17 - 21 September 2014

- LXXXI. **Electrochemical interaction of antidepressant drug aripiprazole with DNA and DNA damage induced by UV C radiation and chemical agents**

KURBANOĞLU S., DOĞAN TOPAL B., LENKA H., JAN L., ÖZKAN S. A., USLU B.

Malmö, Sweden, 11 June - 15 September 2014

- LXXXII. **Ropinirolün modifiye karbon pasta elektrot kullanarak voltametrik tayini**

BOZAL PALABIYIK B., USLU B.

7. Ulusal Analitik Kimya Kongresi, Turkey, 1 - 05 September 2014

- LXXXIII. **Doğal ve denatüre alfa 2 makroglobulinin karbon esaslı elektrotlar ile elektrokimyasal yükseltgenmesi**

DOĞAN TOPAL B., USLU B., ÖZKAN S. A.

7. Ulusal Analitik Kimya Kongresi, Turkey, 1 - 05 September 2014

- LXXXIV. **Voltammetric behavior and determination of antidepressant drug paroxetine at carbon based electrodes**

MARIOLA B., SLAWOMIRA S., KARADAŞ N., SYLWIA S., BOZAL PALABIYIK B., ÖZKAN S. A., USLU B.

7. Ulusal Analitik Kimya Kongresi, Turkey, 1 - 05 September 2014

- LXXXV. **Electrochemical DNA Biosensor for Antidepressant Drug Aripiprazole**

KURBANOĞLU S., DOĞAN TOPAL B., LENKA H., JAN L., ÖZKAN S. A., USLU B.

1. Ulusal Biyosensor Kongresi, Turkey, 22 - 26 June 2014

- LXXXVI. **Electrochemical investigation for gemifloxacin and dsDNA interaction**

BOZAL PALABIYIK B., DOĞAN TOPAL B., USLU B., ÖZKAN S. A., HASSAN Y A. E.

1. Ulusal Biyosensor Kongresi, Turkey, 22 - 26 June 2014

- LXXXVII. **Simultaneous determination of amlodipine and rosuvastatin in pharmaceuticals by LC and voltammetric techniques**

KARADAŞ BAKIRHAN N., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.

PBA 2014, Liege, Belgium, 23 - 25 June 2014

- LXXXVIII. **Electrochemical mechanism of anticancer drug lapatinib and its interaction with dsDNA by comparison spectroscopic techniques**

DOĞAN TOPAL B., BOZAL PALABIYIK B., USLU B., ÖZKAN S. A.

SPQ-Analitica-2014, 14 - 15 April 2014

- LXXXIX. **Electrochemical mechanism and sensitive assay of antiretroviral drug Abacavir in biological sample using multiwalled carbon nanotube modified pyrolytic graphite electrode**

KURBANOĞLU S., AMIR M A., KAREL V., USLU B., ÖZKAN S. A.

SPQ-Analitica-2014, 14 - 15 April 2014

- XC. **Electrochemical mechanism of anticancer drug lapatinib and its interaction with dsDNA by comparison spectroscopic techniques**

DOĞAN TOPAL B., BOZAL PALABIYIK B., ÖZKAN S. A., USLU B.

Symposium of the Analytical Division of SPQ-2014, Coimbra, Portugal, 14 - 15 April 2014

- XCI. **Electrochemical oxidation of alpha-2-macroglobulin on carbon electrodes**

Doğan Topal B., Uslu B., Özkan S. A.

6th Black Sea Basin Conference on Analytical Chemistry (6BBCAC), Trabzon, Turkey, 10 - 14 September 2013, pp.93

- XCII. **Sensitive determination of antiviral drug valganciclovir based on multi walled carbon nanotube modified glassy carbon electrode in pharmaceutical dosage forms**

USLU B., DOĞAN TOPAL B., BOZAL PALABIYIK B., ÖZKAN S. A.

6th Black Sea Basin Conference on Analytical Chemistry (6BBCAC), Trabzon, Turkey, 10 - 14 September 2013

- XCIII. Voltammetric investigation of lapatinib at glassy carbon electrode**
BOZAL PALABIYIK B., DOĞAN TOPAL B., ÖZKAN S. A., USLU B.
6th Black Sea Basin Conference on Analytical Chemistry (6BBCAC), Trabzon, Turkey, 10 - 14 September 2013
- XCIV. Electrochemical behavior of tadalafil on the TiO₂-modified carbon nanotube electrode and its application to pharmaceutical drugs**
Demir E., İnam R., Uslu B., Özkan S. A.
XVII Euroanalysis, Warszawa, Poland, 24 - 29 August 2013, pp.214
- XCV. COOH functionalized carbon nanotubes with silver nanoparticles to fabricate a sensor for the determination of zolmitriptan**
KARADAŞ BAKIRHAN N., BOZAL PALABIYIK B., USLU B., ÖZKAN S. A.
XVII Euroanalysis, Varşova, Poland, 25 - 29 August 2013
- XCVI. Electrochemical and spectroscopic studies of the interaction between anticancer drug lapatinib and calf thymus DNA**
DOĞAN TOPAL B., BOZAL PALABIYIK B., ÖZKAN S. A., USLU B.
XVII Euroanalysis, Varşova, Poland, 25 - 29 August 2013
- XCVII. Determination and mechanism study of antiviral drug fosamprenavir using carbon paste electrode in the presence of Triton X- 100**
Ashrafi A. M., GÜMÜŞTAŞ M., Vytras K., Nematollahi D., USLU B., Mikysek T., Ro J., ÖZKAN S. A.
24 th International Symposium on Pharmaceutical and Biomedical Analysis, PBA 2013, Bologna, Italy, 30 June - 03 July 2013
- XCVIII. Electrochemical investigations of anticancer drug idarubicin using multi walled carbon nanotubes modified glassy carbon and pyrolytic graphite electrodes**
KURBANOĞLU S., DOĞAN TOPAL B., USLU B., CAN A., ÖZKAN S. A.
ULUSLARARASI KATILIMLI ELEKTROKİMYA CALISTAYI, Turkey, 23 - 28 June 2013
- XCIX. Simultaneous determination of amlodipine and atorvastatine from pharmaceutical dosage forms by voltammetric methods**
DOĞAN TOPAL B., BOZAL PALABIYIK B., DEMİRCİGİL B. T., USLU B., ÖZKAN S. A.
I. Uluslararası Katılımlı Elektrokimya Çalıştayı, Muğla, Turkey, 23 - 28 June 2013
- C. Voltammetric determination of ropinirol in tablet dosage forms**
BOZAL PALABIYIK B., USLU B.
I. Uluslararası Katılımlı Elektrokimya Çalıştayı, Muğla, Turkey, 23 June 2013 - 28 September 2012
- CI. Carbon nanotube modified electrodes for electrochemical assay of idarubicine**
KURBANOĞLU S., DOĞAN TOPAL B., USLU B., ÖZKAN S. A.
1st International Conference on Analytical Chemistry, 18 - 21 September 2012
- CII. Antiparkinson etkili maddelerin farmasötik dozaj formundan HPLC yöntemiyle eş zamanlı miktar tayini**
GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
Ulusal Analitik Kimya Kongresi 2012, Antakya, Turkey, 3 - 07 September 2012
- CIII. Etopozit'in farmasötik dozaj şekillerinden karbon nanotüp ile modifiye edilmiş elektrot kullanarak tayini**
BOZAL PALABIYIK B., DOĞAN TOPAL B., USLU B., ÖZKAN S. A.
6. Ulusal Analitik Kimya Kongresi, Hatay, Turkey, 3 - 07 September 2012, pp.13
- CIV. Novel sensor based on multi walled carbon nanotubes modified glassy carbon electrode for the determination of idarubicin**
KURBANOĞLU S., DOĞAN TOPAL B., USLU B., ÖZKAN S. A.
ISOPS 10, 26 - 29 June 2012
- CV. Development and validation of RP-LC method for the determination of levodropropizin**
Bakırhan N. K., Ağın F., Uslu B., Özkan S. A.
10th International Symposium on Pharmaceutical Science (ISOPS 10), Ankara, Turkey, 26 June 2012 - 29 June 2012, pp.281
- CVI. Different analytical applications on mirtazapine**

- Ağın F., Bakırhan N. K., Uslu B., Özkan S. A.
10th International Symposium on Pharmaceutical Science (ISOPS 10), Ankara, Turkey, 26 - 29 June 2012, pp.246
- CVII. **Electrochemical study of the interaction of antibacterial drug gemifloxacin with dsDNA on pencil graphite electrode**
BOZAL PALABIYIK B., DOĞAN TOPAL B., USLU B., ÖZKAN S. A., ABOUL ENEIN H. Y.
10th International Symposium on Pharmaceutical Sciences (10th ISOPS), Ankara, Turkey, 26 - 29 June 2012
- CVIII. **Voltammetric behavior of mirtazapine at carbon based electrodes: a study of its determination from pharmaceutical dosage forms**
Uslu B., Ağın F., Bakırhan N. K., Özkan S. A.
14th International Conference on Electroanalysis (ESEAC 2012), Piran, Slovenia, 3 - 07 June 2012, pp.210
- CIX. **Determination of anticancer drug epirubicine in pharmaceutical preparations via glassy carbon electrode**
KURBANOĞLU S., GÜMÜŞTAŞ M., BOZAL PALABIYIK B., USLU B., ÖZKAN S. A.
14. International Conference on Electrochemistry, Portoroz, Slovenia, 3 - 07 June 2012
- CX. **Voltammetric determination of the anticancer drug etoposide using carbon nanotube modified glassy carbon electrode**
BOZAL PALABIYIK B., DOĞAN TOPAL B., USLU B., ÖZKAN S. A.
14th International Conference on Electroanalysis (ESEAC 2012), Portoroz, Slovenia, 3 - 07 June 2012
- CXI. **Understanding Electrochemical Mechanism of Epirubicin on Glassy Carbon Electrode via Model Pharmaceuticals**
KURBANOĞLU S., GÜMÜŞTAŞ M., BOZAL PALABIYIK B., USLU B., ÖZKAN S. A.
9. International Conference on Electrochemistry, İzmir, Turkey, 25 - 29 September 2011
- CXII. **Electrochemical Behavior of Epirubicin at Boron-Doped Diamond Electrode and Its Determination in the Presence of Surfactants**
KURBANOĞLU S., GÜMÜŞTAŞ M., BOZAL PALABIYIK B., USLU B., ÖZKAN S. A.
9. International Conference on Electrochemistry, İzmir, Turkey, 25 - 29 September 2011
- CXIII. **Analytical Applications Of Voltammetric Methods For The Simultaneous Determination Of Bisoprolol Fumarate And Hydrochlorothiazide In Their Dosage Forms**
USLU B., BOZAL PALABIYIK B., GÜMÜŞTAŞ M., DOĞAN TOPAL B., ÖZKAN S. A.
International Society of Electrochemistry Meeting 2011, Turku, Finland, 8 - 11 May 2011
- CXIV. **Optimization of LC methods for the simultaneous determination of bisoprolol and hydrochlorothiazide in their pharmaceutical dosage forms**
GÜMÜŞTAŞ M., BOZAL PALABIYIK B., DOĞAN TOPAL B., ÖZKAN S. A., USLU B.
28th International Symposium on Chromatography (ISC 2010), 12 - 16 September 2010
- CXV. **Electrochemical oxidation of zolmitriptan at boron-doped diamond electrode and its direct determination in pharmaceuticals and serum samples**
Uslu B., Canbaz D.
Euroanalysis 2009, Innsbruck, Austria, 6 - 10 September 2009, pp.124
- CXVI. **Voltammetric determination of lornoxicam in pharmaceuticals and human serum using a boron-doped diamond electrode**
Bozal Palabiyik B., Uslu B.
9th International Symposium on Pharmaceutical Science (ISOPS-9), Ankara, Turkey, 23 - 26 June 2009, pp.168
- CXVII. **Determination of dissociation constants of opipramol by RP-HPLC method in acetonitrile-water binary mixtures**
Alsancak A. G., Çubuk Demiralay E., Uslu B.
9th International Symposium on Pharmaceutical Science (ISOPS-9), Ankara, Turkey, 23 - 26 June 2009, pp.162
- CXVIII. **Determination of ionization constants of pefloxacin and moxifloxacin by RP-HPLC method**
Çubuk Demiralay E., Alsancak A. G., Özkan S. A., Uslu B.
9th International Symposium on Pharmaceutical Science (ISOPS-9), Ankara, Turkey, 23 - 26 June 2009, pp.161
- CXIX. **Electrochemical studies of the interaction of the HIV-1 inhibitory drug efavirenz with dsDNA on disposable pencil graphite electrode**

- Doğan Topal B., Uslu B., Özkan S. A.
9th International Symposium on Pharmaceutical Science (ISOPS-9), Ankara, Turkey, 23 - 26 June 2009, pp.166
- CXX. **High-performance liquid chromatographic determination of amlodipine and valsartan in their binary mixtures**
Kul D., Doğan Topal B., Kutucu T., Uslu B., Özkan S. A.
9th International Symposium on Pharmaceutical Science (ISOPS-9), Ankara, Turkey, 23 - 26 June 2009, pp.157
- CXXI. **Anodic behavior of sertindole and its voltammetric determination in pharmaceuticals and human serum using glassy carbon and boron-doped diamond electrodes**
Altun Y., Doğan Topal B., Uslu B., Özkan S. A.
9th International Symposium on Pharmaceutical Science (ISOPS-9), Ankara, Turkey, 23 - 26 June 2009, pp.12
- CXXII. **Electroanalytical investigation and determination of famotidine in human urine and tablet dosage forms on ultra trace graphite and glassy carbon electrodes**
Yağmur S., Yılmaz S., Sağlıkoğlu G., Uslu B., Sadıkoğlu M., Özkan S. A.
9th International Symposium on Pharmaceutical Science (ISOPS-9), Ankara, Turkey, 23 - 26 June 2009, pp.151
- CXXIII. **Voltammetric determination of lornoxicam in pharmaceuticals and human serum using a boron doped diamond electrode**
BOZAL PALABIYIK B., USLU B.
9th International Symposium on Pharmaceutical Sciences (9th ISOPS), Ankara, Turkey, 23 - 26 June 2009
- CXXIV. **Electroanalytical determination of fulvestrant in pharmaceutical formulations on boron-doped diamond electrode using, differential pulse adsorptive stripping voltammetry**
Doğan Topal B., Kul D., Özkan S. A., Uslu B.
International Symposium on Drug Research & Development 2009, Ankara, Turkey, 4 - 07 May 2009, pp.36
- CXXV. **İlaçlardan ve kan serumundan irbesartanın elektrokimyasal yöntemlerle tayini**
BOZAL PALABIYIK B., DOĞAN TOPAL B., USLU B., ÖZKAN S. A.
IV. Ulusal Analitik Kimya Kongresi, Elazığ, Turkey, 25 - 27 June 2008
- CXXVI. **Development and Validation of Reversed Phase High Performance Liquid Chromatography Method for Determination of Valganciclovir in Human Serum and Tablets**
Doğan Topal B., Uslu B., Özkan S. A.
12th European Conference on the Spectroscopy of Biological Molecules (ECSBM 2007, Paris, France, 1 - 06 September 2007, pp.325
- CXXVII. **Simultaneous Determination of Abacavir, Efavirenz and Valganciclovir in Human Serum Samples by Isocratic High Performance Liquid Chromatography with DAD Detection**
Doğan Topal B., Özkan S. A., Uslu B.
12th European Conference on the Spectroscopy of Biological Molecules (ECSBM 2007), Paris, France, 1 - 06 September 2007, pp.211
- CXXVIII. **Anodic voltammetry of quetiapine and its determination in pharmaceuticals and biological fluids**
Özkan S. A., Doğan Topal B., Uslu B.
International Congress on Analytical Science (ICAS-2006), Moscow, Russia, 25 - 30 June 2006, pp.563
- CXXIX. **Electrochemical studies of ganciclovir at glassy carbon electrodes and its direct determination in serum and pharmaceuticals by square wave and differential pulse voltammetry**
Uslu B., Doğan Topal B., Özkan S. A.
International Congress on Analytical Science (ICAS-2006), Moscow, Russia, 25 - 30 June 2006, pp.565
- CXXX. **Electrochemical oxidation of pefloxacin at boron-doped diamond electrode and its direct determination in serum and pharmaceuticals by square wave and differential pulse voltammetry**
Doğan Topal B., Uslu B., Özkan S. A.
8th International Symposium on Pharmaceutical Science (ISOPS-8), Ankara, Turkey, 13 - 16 June 2006, pp.265
- CXXXI. **Voltammetric methods for analytical determination of nabumetone in pharmaceutical dosage forms, human serum and urine**
Altun Y., Doğan Topal B., Özkan S. A., Uslu B.
8th International Symposium on Pharmaceutical Science (ISOPS-8), Ankara, Turkey, 13 - 16 June 2006, pp.247
- CXXXII. **Cathodic voltammetric behavior and determination of nucleoside analogue lamivudine in**

pharmaceutical dosage forms and biological fluids

Özkan S. A., Doğan Topal B., Uslu B., Süzen S.

Drug Analysis, Namur, Belgium, 16 - 19 May 2006, pp.18

- CXXXIII. **Fully validated HPLC-UV detection method for rapid assay of valacyclovir in tablets and human serum**
Savaşer A., Köse Özkan C., Özkan Y., Uslu B., Özkan S. A.
Ninth International Symposium on Hypnated Techniques (HTC-9), York, England, 8 - 10 February 2006, pp.183
- CXXXIV. **Voltammetric oxidation and determination of Atorvastatine in pharmaceuticals and biological media**
Uslu B., Doğan Topal B., Özkan S. A.
11th Meeting on Recent Developments in Pharmaceutical Analysis (RDPA), Rimini, Italy, 25 - 28 September 2005, pp.152
- CXXXV. **Determination of zalcitabine in pharmaceutics and human serum using a HPLC-UV method**
Uslu B., Savaşer A., Özkan S. A., Özkan Y.
Colloquium Spectroscopicum Internationale XXXIV, Antwerp, Belgium, 4 - 09 September 2005, pp.383
- CXXXVI. **Electrooxidation of the antiviral drug valacyclovir at glassy carbon electrode in aqueous and micellar media**
Talay Pınar P., Uslu B., Özkan S. A., Şentürk Z.
10th International Conference on Electroanalysis (ESEAC 2004), Galway, Ireland, 6 - 10 June 2004, pp.154
- CXXXVII. **Anodic voltammetry of abacavir and its determination in pharmaceuticals and biological fluids**
Uslu B., Özkan S. A.
10th International Conference on Electroanalysis (ESEAC 2004), Galway, Ireland, 6 - 10 June 2004, pp.153
- CXXXVIII. **Determination of binary mixtures of levodopa and benserazide in pharmaceuticals by ratio-spectra derivative spectrophotometry**
Uslu B., Özkan S. A.
15th International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2004), Florence, Italy, 2 - 06 May 2004, pp.166
- CXXXIX. **Electroanalytical characteristics of amisulpride and voltammetric determination of the drug in pharmaceuticals and biological media**
Özkan S. A., Uslu B., Şentürk Z.
The Fourth International Conference on Electrochemistry, Aswan, Egypt, 16 - 19 February 2004, pp.91
- CXL. **Voltammetric analysis of alfuzosin HCl in pharmaceuticals, human serum and simulated gastric juice**
Uslu B.
The Fourth International Conference on Electrochemistry, Aswan, Egypt, 16 - 19 February 2004, pp.84
- CXLI. **Determination of lamivudine and zidovudine in binary mixture using first derivative spectrophotometric, first derivative of the ratio spectra and HPLC-UV methods**
Uslu B., Özkan S. A.
Colloquium Spectroscopicum Internationale XXXIII, Granada, Spain, 7 - 12 September 2003, pp.201
- CXLII. **Electrochemical oxidation of sildenafil citrate (viagra) on carbon electrodes**
Özkan S. A., Uslu B., Zuman P.
7th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 24 - 27 June 2003, pp.163
- CXLIII. **Drug dissolution studies and determination of valacyclovir in tablets and human serum by RP-HPLC**
Savaşer A., Köse Özkan C., Özkan Y., Uslu B., Özkan S. A.
11th International Pharmaceutical Technology Symposium, İstanbul, Turkey, 9 - 11 October 2002, pp.190
- CXLIV. **Voltammetric oxidation and determination of Valacyclovir**
Uslu B., Özkan S. A., Şentürk Z.
3rd Aegean Analytical Chemistry Days, Levkas, Greece, 29 September - 03 October 2002, pp.77
- CXLV. **Anodic voltammetry and determination of amisulpride in pharmaceutical and biological media**
Özkan S. A., Uslu B.
3rd Aegean Analytical Chemistry Days, Levkas, Greece, 29 September - 03 October 2002, pp.8
- CXLVI. **Drug dissolution studies and analysis of deflazacort in pharmaceuticals, biological samples by RP-HPLC**

- Savaşer A., Özkan Y., Uslu B., Özkan S. A.
3rd Aegean Analytical Chemistry Days, Levkas, Greece, 29 September - 03 October 2002, pp.34
- CXLVII. **Electrochemical oxidation of piribedil and its determination in tablets and human serum**
Uslu B., Özkan S. A.
3rd Aegean Analytical Chemistry Days, Levkas, Greece, 29 September - 03 October 2002, pp.37
- CXLVIII. **Voltammetric investigation of cefoperazone**
Erk N., Özkan S. A., Uslu B., Yılmaz N., Biryol I.
6th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 27 - 29 June 2000, pp.181
- CXLIX. **Anodic oxidation of etodolac and its square wave and differential pulse voltammetric determination in pharmaceuticals and human serum**
Yılmaz S., Uslu B., Özkan S. A.
6th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 27 - 29 June 2000, pp.187
- CL. **A chemometric study for simultaneous determination of losartan potassium and hydrochlorothiazide in tablets by classical least square and inverse least square techniques**
Özkan S. A., Uslu B., Dinç E.
6th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 27 - 29 June 2000, pp.146
- CLI. **Differential pulse voltammetric determination of cefuroxime axetil**
Erk N., Özkan S. A., Uslu B., Yılmaz N., Biryol I.
6th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 27 - 29 June 2000, pp.185
- CLII. **Spectral resolution of a binary mixture containing valsartan and hydrochloridethiazide in tablets by the ratio spectra derivative and inverse least square (ILS) techniques**
Dinç E., Uslu B., Özkan S. A.
6th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 27 - 29 June 2000, pp.145
- CLIII. **Voltammetric determination of penicillin V in pharmaceutical dosage forms**
Biryol I., Uslu B., Özkan Y.
6th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 27 - 29 June 2000, pp.182
- CLIV. **Determination of cefadroxil monohydrate by differential pulse voltammetry**
Özkan S. A., Erk N., Uslu B., Yılmaz N., Biryol I.
2nd International Symposium on Pharmaceutical Chemistry, Ankara, Turkey, 22 - 24 September 1999, pp.40
- CLV. **Voltammetric determination of amoxicillin using a poly (N-vinyl imidazole) modified carbon paste electrode**
Uslu B., Biryol I.
Drug Analysis'98, Brussels, Belgium, 11 - 15 May 1998, pp.262
- CLVI. **Voltammetric determination of ampicillin in pharmaceutical dosage form**
Uslu B., Biryol I.
Drug Analysis'98, Brussels, Belgium, 11 - 15 May 1998, pp.262
- CLVII. **The study of the voltammetric behaviour of flunarizine**
Uslu B., Yılmaz N., Erk N., Özkan S. A., Şentürk Z., Biryol I.
Drug Analysis'98, Brussels, Belgium, 11 - 15 May 1998, pp.263
- CLVIII. **Electrooxidation of physostigmine using platinum and ruthenium electrodes**
Uslu B., Biryol I.
2nd Mediterenian Basin Conference on Analytical Chemistry, Rabat, Morocco, 23 - 28 November 1997, pp.132
- CLIX. **Determination of prazosin by voltammetry using a bentonite-modified carbon paste electrode**
Şentürk Z., Uslu B., Özkan S. A., Yılmaz N., Biryol İ.
2nd Mediterenian Basin Conference on Analytical Chemistry, Rabat, Morocco, 23 - 28 November 1997, pp.87
- CLX. **Voltammetric oxidation and determination of trazodone**
Özkan S. A., Şentürk Z., Uslu B., Yılmaz N., Biryol İ.
5th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 24 - 27 June 1997, pp.24
- CLXI. **Electrochemical oxidation of the sympathomimetic agent terbutaline sulfate**
Yılmaz N., Özkan S. A., Uslu B., Şentürk Z., Biryol I.
5th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 24 - 27 June 1997, pp.26

- CLXII. **Voltammetric determination of amitriptyline using a polymer modified carbon paste electrode**
Biryol I., Uslu B.
Euroanalysis IX, Bologna, Italy, 1 - 07 September 1996, pp.105
- CLXIII. **Voltammetric determination of some phenothiazines using glassy carbon electrode**
Biryol İ., Şentürk Z., Özkan S. A., Dermiş S., Uslu B.
Euroanalysis IX, Bologna, Italy, 1 - 07 September 1996, pp.106
- CLXIV. **Voltammetric investigation of physostigmine**
Uslu B., Biryol İ.
5th International Symposium on Drug Analysis, Leuven, Belgium, 12 - 15 September 1995, pp.405
- CLXV. **Anodic voltammetry of fluphenazine at different solid electrodes**
Özkan S. A., Şentürk Z., Uslu B., Biryol İ.
5th International Symposium on Drug Analysis, Leuven, Belgium, 12 - 15 September 1995, pp.373
- CLXVI. **Voltammetric studies on a glassy carbon electrode. Application of a new pretreatment method**
Şentürk Z., Özkan S. A., Dermiş S., Uslu B., Biryol İ.
35th IUPAC Congress, İstanbul, Turkey, 14 - 19 August 1995, pp.1161
- CLXVII. **Electrochemical behaviour of promethazine at different solid electrodes**
Uslu B., Biryol İ., Özkan S. A., Şentürk Z.
4th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 27 - 30 June 1995, pp.82
- CLXVIII. **Voltammetric determination of imipramine**
Biryol İ., Uslu B.
3rd International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 15 - 18 June 1993, pp.68

Supported Projects

- Erkmen C., Selçuk Ö., Ünal D. N., Uslu B., Project Supported by Higher Education Institutions, Design of Aptamer-Based Sensor Platforms for Precise Detection of Gastrointestinal Disease Biomarker L-Citrulline, 2023 - 2026
- Bozal Palabıyık B., Kanca N., Çabuk T. Z., Sadak S., Uslu B., TUBİTAK Project, Non-Steroidal Antiinflatuvar İlaçların Süt Numunelerinden Hassas ve Hızlı Tayini İçin Nanoteknoloji Tabanlı Hibrit Analitik Yöntem Geliştirilmesi, 2023 - 2025
- Erkmen C., Küçük İ., Ünal D. N., Uslu B., Project Supported by Higher Education Institutions, Analytical Studies on Some Antiviral Drugs: Interactions with Biological Molecules and Quantification, 2023 - 2025
- Selçuk Ö., Erkmen C., Ünal D. N., Sadak S., Küçük İ., Kurbanoglu S., Uslu B., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Development of Molecular Imprinted Polymers and Aptamer Based Electrochemical Diagnostic Kit for Use in the Diagnosis of Monocyte Chemoattractant Protein-1 (MCP-1), 2023 - 2025
- Aydoğdu Tığ G., USLU B., Project Supported by Higher Education Institutions, Gıda Alerjen Proteinlerinin Hassas ve Seçici Tayinine Yönelik Aptamer-MIP Temelli Elektrokimyasal Biyosensörlerin Hazırlanması ve Uygulamaları, 2022 - 2025
- Özkan S. A., Uslu B., Özçelıkay Akyıldız G., Ünal M. A., TÜBİTAK International Multi-Cooperation Project, Kantitatif Ölçüme Uygun, Uzun Ömürlü Hasta Başı Tanı Cihazı, 2021 - 2025
- Sadak S., Küçük İ., Atay İ., Uslu B., TUBİTAK Project, Manyetik Nanomateryal ve İnorganik Nanomalzemelerden Oluşan Elektrokimyasal Nanozim Platformu Tasarımı ve Uygulamaları, 2022 - 2024
- Kabir M. Z., Uslu B., TUBİTAK Project, Explorations of the Biomolecular Interactions between Various Anticancer Drugs and Human Serum Albumin in vitro using Multi-Spectroscopy, Electrochemistry and Computational Modeling Analyses, 2022 - 2024
- Uslu B., Çelik M., TUBİTAK Project, Development of Electrochemical Nanosensors for Detection of Enzyme Inhibitor Pesticides, 2023 - 2023
- Uslu B., TUBİTAK Project, Development of Analytical Methods for Early Detection of Brain Injury Biomarkers from Biological Samples, 2022 - 2023
- Kanbeş Dindar Ç., Uslu B., TUBİTAK Project, Electrochemical nanosensor platform design for selective and sensitive determination of antiviral drugs: Bimetallic magnetic nanoparticle and molecularly imprinted polymer integration, 2021 - 2023
- Uslu B., Project Supported by Higher Education Institutions, İnotropik ajan Milrinon'un elektrokimyasal tayini için

moleküler baskılı polimer bazlı nanosensör tasarımı, 2021 - 2023

Uslu B., Project Supported by Higher Education Institutions, Antifibrotik İlaç Pirfenidon'un Tayinine Yönelik

Elektrokimyasal Çalışmalar ve Uygulamaları, 2021 - 2023

Uslu B., Barut B. B., Project Supported by Higher Education Institutions, Bazı Pestisitlerin Ayırma Yöntemleri ile Analizi, Pestisit-DNA Etkileşimin İncelenmesi ve DNA Hasarının Araştırılması, 2020 - 2021

Uslu B., Project Supported by Higher Education Institutions, Bazı sefalosporinlerin DNA ile etkileşiminin incelenmesi: Biyosensör tasarımı, 2018 - 2020

USLU B., Project Supported by Higher Education Institutions, Yeni Tasarım Karbon Bazlı Elektrotlarla Antihistaminik İlaçların Elektrokimyasal Davranışlarının İncelenmesi ve Analizleri, 2017 - 2017

USLU B., Project Supported by Higher Education Institutions, Yeni nesil kolonlar kullanılarak bazı antihistaminik ilaçların farmasötik dozaj şekillerinden sıvı kromatografisi ile analizi, 2017 - 2017

USLU B., Project Supported by Higher Education Institutions, Modifiye Edilmiş Karbon Esaslı Elektrotlar ile Bazı İlaçların Elektrokimyasal Analizleri, 2016 - 2016

USLU B., GÜMÜŞTAŞ M., Project Supported by Higher Education Institutions, Yeni nesil HILIC kolon kullanılarak bazı antiviral ilaçların farmasötik dozaj şekillerinden sıvı kromatografisi ile analizi, 2016 - 2016

USLU B., GÜMÜŞTAŞ M., Project Supported by Higher Education Institutions, Dutasterit ve tamsulosin HCl nin yeni nesil kolonlar kullanarak bazı sıvı kromatografik yöntemlerle es zamanlı analizi ve optimizasyonu, 2015 - 2016

USLU B., Project Supported by Higher Education Institutions, Paroksetin in elektrokimyasal incelenmesi, 2015 - 2015

USLU B., Project Supported by Higher Education Institutions, Yeni Nesil Nanosensör Tasarımı ve Antiparkinson İlaç Analizlerinde Kullanımı, 2013 - 2015

Özkan S. A., Doğan Topal B., Uslu B., Project Supported by Higher Education Institutions, Bazı Hipolipidemik İlaçların Elektroanalitik İncelenmesi, 2004 - 2006

Activities in Scientific Journals

CURRENT PHARMACEUTICAL ANALYSIS, Publication Committee Member, 2022 - 2022

Scientific Refereeing

ELECTROANALYSIS, Journal Indexed in SCI-E, December 2022

ELECTROANALYSIS, Journal Indexed in SCI-E, December 2022

TRENDS IN ENVIRONMENTAL ANALYTICAL CHEMISTRY, Journal Indexed in SCI-E, November 2022

CHEMOSPHERE, Journal Indexed in SCI-E, October 2022

JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, Journal Indexed in SCI-E, September 2022

JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, Journal Indexed in SCI-E, September 2022

MATERIALS, Journal Indexed in SCI-E, August 2022

CHEMOSPHERE, Journal Indexed in SCI-E, August 2022

ACS APPLIED ELECTRONIC MATERIALS, Journal Indexed in SCI-E, August 2022

JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, Journal Indexed in SCI-E, July 2022

CHEMOSPHERE, Journal Indexed in SCI-E, June 2022

FOODS, Journal Indexed in SCI-E, June 2022

ELECTROCHIMICA ACTA, Journal Indexed in SCI-E, June 2022

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, Journal Indexed in ESCI, May 2022

JOURNAL OF THE ELECTROCHEMICAL SOCIETY, Journal Indexed in SCI-E, May 2022

JOURNAL OF THE ELECTROCHEMICAL SOCIETY, Journal Indexed in SCI-E, March 2022

ELECTROCHIMICA ACTA, Journal Indexed in SCI-E, March 2022

CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY, Journal Indexed in SCI-E, February 2022

TALANTA, Journal Indexed in SCI-E, February 2022

Scientific Consultations

TÜRKİYE BİLİMLER AKADEMİSİ, Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, Turkey, 2022 - Continues

T.C. Sağlık Bakanlığı Türkiye İlaç ve Tıbbi Cihaz Kurumu, Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, Turkey, 2020 - Continues

ECZAKDER, Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, Turkey, 2019 - Continues

Ankara Üniversitesi Eczacılık Fakültesi, Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, Turkey, 2019 - Continues

Ankara Üniversitesi Eczacılık Fakültesi, Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, Turkey, 2019 - Continues

Ankara University, Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, Turkey, 2015 - Continues

ECZAKDER, Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, Turkey, 2011 - Continues

Ankara University, Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, Turkey, 2010 - Continues

Metrics

Publication: 390

Citation (WoS): 3791

Citation (Scopus): 4290

H-Index (WoS): 35

H-Index (Scopus): 36

Scholarships

TÜBİTAK Doktora Sonrası Araştırma Burs Programı, TÜBİTAK, 2005 - 2005