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Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Dr), Turkey 2009 - 2015

Postgraduate, Ankara University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (YI) (Tezli), Turkey 2007 - 2009

Undergraduate, Ankara University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 2003 - 2007

Dissertations

Doctorate, Yeni nesil nanosensör tasarımı ve antiparkinson ilaç analizlerinde kullanımı, Ankara University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Dr), 2015

Postgraduate, Lornoksikam'xxın elektroanalitik incelenmesi ve tayini, Ankara University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (YI) (Tezli), 2009

Research Areas

Health Sciences, Natural Sciences

Academic Titles / Tasks

Associate Professor, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2023 - Continues

Research Assistant, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2010 - Continues

Courses

LABORATORY SAFETY, Undergraduate, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

1. Spectroscopic, electrochemical, and molecular docking studies of the interaction between the

antihistamine drug desloratadine and dsDNA

BİLKAY M., Kanbes-Dindar C., BOZAL PALABIYIK B., EREN G., ŞATANA KARA H. E., USLU B.
ANALYTICAL BIOCHEMISTRY, vol.694, 2024 (SCI-Expanded)

- II. **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)
- III. **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)
- IV. **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)
- V. **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)
- VI. **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)
- VII. **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)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **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)
- XII. **Electroanalytical Investigation and Simultaneous Determination of Etodolac and Thiocolchicoside at a Non-Modified Glassy Carbon Electrode in Anionic Surfactant Media**
Selcuk O., Erkmen C., BOZAL PALABIYIK B., USLU B.
ELECTROANALYSIS, vol.33, no.5, pp.1290-1298, 2021 (SCI-Expanded)
- XIII. **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)

- XIV. **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)
- XV. **Electrochemical analysis for pharmaceuticals by the advantages of metal oxide nanomaterials**
BOZAL PALABIYIK B., Erkmén C., KURBANOĞLU S., ÖZKAN S. A., USLU B.
Current Analytical Chemistry, vol.17, no.9, pp.1322-1339, 2021 (SCI-Expanded)
- XVI. **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)
- XVII. **Molecularly Imprinted Electrochemical Sensors: Analytical and Pharmaceutical Applications Based on Ortho-phenylenediamine Polymerization**
BOZAL PALABIYIK B., Erkmén C., USLU B.
CURRENT PHARMACEUTICAL ANALYSIS, vol.16, no.4, pp.350-366, 2020 (SCI-Expanded)
- XVIII. **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)
- XIX. **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)
- XX. **Nanosensors in Biomarker Detection**
BOZAL PALABIYIK B., USLU B., Marrazza G.
NEW DEVELOPMENTS IN NANOSENSORS FOR PHARMACEUTICAL ANALYSIS, pp.327-380, 2019 (SCI-Expanded)
- XXI. **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)
- XXII. **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)
- XXIII. **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)
- XXIV. **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)
- XXV. **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)
- XXVI. **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)
- XXVII. **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)
- XXVIII. **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)
- XXIX. **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)
- XXX. **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)
- XXXI. **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)
- XXXII. **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)
- XXXIII. **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)
- XXXIV. **INVESTIGATION OF VOLTAMMETRIC BEHAVIOR AND ELECTROANALYTICAL DETERMINATION OF ANTICANCER EPIRUBICIN VIA GLASSY CARBON ELECTRODE USING DIFFERENTIAL PULSE AND SQUARE WAVE VOLTAMMETRY TECHNIQUES**
KURBANOĞLU S., BOZAL PALABIYIK B., GÜMÜŞTAŞ M., USLU B., ÖZKAN S. A.
REVUE ROUMAINE DE CHIMIE, vol.60, no.5-6, pp.491-499, 2015 (SCI-Expanded)
- XXXV. **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)
- XXXVI. **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)
- XXXVII. **DEVELOPMENT AND VALIDATION OF A STABILITY-INDICATING RP-LC METHOD FOR THE DETERMINATION OF ANTICANCER DRUG EPIRUBICIN IN PHARMACEUTICALS**
KURBANOĞLU S., BOZAL PALABIYIK B., GÜMÜŞTAŞ M., ŞANLI S., USLU B., ÖZKAN S. A.
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.37, no.11, pp.1583-1596, 2014 (SCI-Expanded)
- XXXVIII. **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)
- XXXIX. **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)
- XL. **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)
- XLI. **ELECTROCHEMICAL APPROACH FOR THE SENSITIVE DETERMINATION OF ANTICANCER DRUG EPIRUBICIN IN PHARMACEUTICALS IN THE PRESENCE OF ANIONIC SURFACTANT**
Bozal Palabiyik B., Kurbanoğlu S., Gümüştaş M., Uslu B., Özkan S. A.

- REVUE ROUMAINE DE CHIMIE, vol.58, no.7-8, pp.647-658, 2013 (SCI-Expanded)
- XLII. **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)
- XLIII. **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)
- XLIV. **Fully Validated Simultaneous Determination of Bisoprolol Fumarate and Hydrochlorothiazide in Their Dosage Forms Using Different Voltammetric, Chromatographic, and Spectrophotometric Analytical Methods**
Bozal Palabiyik B., Gümüştas M., Doğan Topal B., Uslu B., Özkan S. A.
JOURNAL OF AOAC INTERNATIONAL, vol.96, no.1, pp.42-51, 2013 (SCI-Expanded)
- XLV. **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)
- XLVI. **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)
- XLVII. **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)
- XLVIII. **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)

Articles Published in Other Journals

- I. **Voltammetric determination of antipsychotic drug flupentixol HCl in human serum at a boron-doped diamond electrode**
Bozal Palabiyik B.
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.9, no.3, pp.751-758, 2022 (Peer-Reviewed Journal)
- II. **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)
- III. **Elektrokimyasal Yöntemler**
KARADAŞ BAKIRHAN N., ÇELİK H., BOZAL PALABIYIK B., USLU B.
T.C Sağlık Bakanlığı, pp.93-113, 2017 (Peer-Reviewed Journal)
- IV. **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)
- V. **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)

VI. **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)

Books & Book Chapters

- I. **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
- II. **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
- III. **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
- IV. **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
- V. **Elektrokimyasal İlaç Analizlerinde Moleküler Baskılanmış Polimer Kullanımı**
BOZAL PALABIYIK B., USLU B.
in: Eczacılıkta Yenilikler 3, Özçelikay Gülbin, Yıldız İlkyay, Editor, Ankara Üniversitesi Basımevi, Ankara, pp.13-32, 2020
- VI. **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
- VII. **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
- VIII. **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
- IX. **Eczacılık Terimleri Sözlüğü İlaç Analizleri Terimleri**
USLU B., GÜMÜŞTAŞ M., BOZAL PALABIYIK B., SAVAŞER A., ÖZKAN Y., ÖZKAN S. A.
Logos Yayıncılık, İstanbul, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **Design of a green electrochemical nanosensor platform for the detection of mexiletine**
Ünal D. N., Küçük İ., Kanbeş Dindar Ç., Bozal Palabiyik B., Uslu B.
NanoTR-17 17th INTERNATIONAL NANOSCIENCE & NANOTECHNOLOGY CONFERENCE, İzmir, Turkey, 27 - 29 August 2023, pp.288

- II. **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
- III. **Spektroskopik ve Elektrokimyasal Tekniklerle Antikanser İlaç Azasitidin-DNA Arasındaki Etkileşimin İncelenmesi**
Unal D. N., Nımal R., Erkmén C., Bozal Palabıyık B., Sıddıq M., Eren G., Shah A., Uslu B.
10. Ulusal Analitik Kimya Kongresi, Muğla, Turkey, 7 - 11 September 2022
- IV. **Yeşil kimya tabanlı elektroanalitik sensor hazırlamada soğuk plazma kullanımı**
Kanbeş Dindar Ç., Bozal Palabıyık B., Uslu B.
34. Ulusal Kimya Kongresi, Yalova, Turkey, 1 - 06 September 2022
- V. **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
- VI. **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
- VII. **Electrochemical Investigation of Surfactant Effect on the Etodolac and Thiocolchicoside Signals**
SELÇUK O., ERKMEN C., BOZAL PALABIYIK B., USLU B.
13th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 22 June 2021, pp.150-152
- VIII. **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
- IX. **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
- X. **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
- XI. **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
- XII. **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
- XIII. **Quantitative analysis of ropinirole from tablets and serum samples by voltammetric techniques**
BOZAL PALABIYIK B., USLU B.
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- XIV. **MWCNT/CdS quantum dot modified glassy carbon electrode for the determination of Clopidogrel bisulfate in tablet dosage form and serum samples**
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Metrics

Publication: 117

Citation (WoS): 657

Citation (Scopus): 556

H-Index (WoS): 15

H-Index (Scopus): 13

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2219-International Postdoctoral Research Fellowship Program for Turkish Citizens, University, 2017 - 2017