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International Researcher IDs

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Education Information

Doctorate, Van Yüzüncü Yil University, Fen Bilimleri, Kimya, Turkey 2004 - 2009

Postgraduate, Van Yüzüncü Yil University, Fen Bilimleri, Kimya, Turkey 2001 - 2004

Undergraduate, Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Kimya, Turkey 1993 - 1997

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, ELEKTROKİMYASAL DNA BİYOSENSÖRLERİN BAZI KULLANIM ALANLARININ GUANİN YA DA ADENİN SİNYALİ ÜZERİNDEN İNCELENMESİ, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Kimya / Analitik Kimya, 2009

Postgraduate, ANTİHİPERTANSİF İLAÇLARDAN ASEBUTOLOL'ÜN POLAROGRAFİK YÖNTEMLE MİKTAR TAYİNİ, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Kimya / Analitik Kimya, 2004

Research Areas

Chemistry, Analytical Chemistry, Electromagnetic Methods, Pharmaceutical Analysis, Food Analysis, Chromatographic Analysis, Natural Sciences

Academic Titles / Tasks

Professor, Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Temel Bilimleri, 2017 - Continues

Associate Professor, Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Temel Bilimleri, 2012 - 2017

Assistant Professor, Van Yüzüncü Yil University, Fen Fakültesi, Kimya Bölümü, 2011 - 2012

Research Assistant, Van Yüzüncü Yil University, Fen Fakültesi, Kimya Bölümü, 2002 - 2011

Academic and Administrative Experience

Van Yüzüncü Yil University, Eczacılık Fakültesi, 2019 - Continues

Dean, Van Yüzüncü Yil University, Eczacılık Fakültesi, 2019 - Continues

University Executive Board Member, Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Temel Bilimleri, 2019 - Continues

Van Yüzüncü Yil University, Eczacılık Temel Bilimleri, 2016 - Continues

Van Yüzüncü Yil University, Analitik Kimya , 2012 - Continues

Head of Department, Van Yüzüncü Yil University, Sağlık Bilimleri Enstitüsü, Eczacılık Temel Bilimler (YI) (Tezli), 2013 - 2019

Courses

İleri Enstrümantal Analiz I, Postgraduate, 2017 - 2018, 2013 - 2014

Ayrırma Yöntemleri, Postgraduate, 2017 - 2018

Analitik Kimya Laboratuvarı 1, Undergraduate, 2018 - 2019

HPLC ve uygulamaları, Postgraduate, 2017 - 2018

Elektrokimyasal sensörler, Postgraduate, 2014 - 2015

İleri Enstrümantal Analiz 2, Postgraduate, 2014 - 2015

Analitik Kimya II, Undergraduate, 2013 - 2014

Advising Theses

Yardım Y., GIDA ÖRNEKLERİNDEKİ KLOROJENİK ASİT VANİLİN VE KAFEİNİN BOR KATKILI ELMAS ELEKTROT YÜZEYİNDE TEKLİ VE EŞ ZAMANLI TAYİNLERİNE YÖNELİK VOLTAMETRİK YÖNTEM GELİŞTİRİLMESİ, Postgraduate, N.Alpar(Student), 2017

Yardım Y., GRAFEN-MODİFİYE ELEKTROTLAR KULLANARAK KAFEİN, PARASETAMOL VE ASETİLSALİSİLİK ASİDİN İLAÇ PREPARATLARINDA EŞZAMANLI TAYİNİNE YÖNELİK YÖNTEM GELİŞTİRİLMESİ, Postgraduate, A.Yiğit(Student), 2016

Yardım Y., DEVELOPMENT A VOLTAMMETRIC METHOD FOR THE SIMULTANEOUS DETERMINATION OF VANILLIN AND CAFFEINE ON A BORON – DOPED DIAMOND ELECTRODE, Postgraduate, H.Saadi(Student), 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Utilisation of green nitrogen-doped biomass-based hierarchical porous activated carbon particles for enhancement of electrochemical energy storage performance**
Genel İ., Yardım Y., Saka C.
Diamond and Related Materials, vol.152, 2025 (SCI-Expanded)
- II. **Enhanced supercapacitor performance of hierarchical mesoporous sulfur-doped carbon particles from biomass waste for energy storage**
Yardım Y., Genel İ., Saka C.
International Journal of Hydrogen Energy, vol.99, pp.383-393, 2025 (SCI-Expanded)
- III. **Synthesis and characterization of a nanocomposite consisting of Ti3C2Tx (MXene) and WS2 nanosheets for potential use in supercapacitors**
Pınar P. T., Gülcan M., Yardım Y.
Journal of Alloys and Compounds, vol.1010, 2025 (SCI-Expanded)
- IV. **Electroanalytical sensing of antidiabetic drug linagliptin by using square-wave voltammetry on the boron-doped diamond electrode**
Barzani H. A. H., Ali H. S., Yardım Y.
Monatshefte fur Chemie, vol.155, no.10, pp.927-935, 2024 (SCI-Expanded)
- V. **Simultaneous estimation of total phenolic and alkaloid contents in the tea samples by utilizing the**

catechin and caffeine oxidation signals through the square-wave voltammetry technique

Saadi Ali H., Yardım Y.

Food Chemistry, vol.441, 2024 (SCI-Expanded)

- VI. **Sensing ivacaftor accomplished using the square-wave voltammetric technique with the assistance of a cationic surfactant on a boron-doped diamond electrode**
Barzani H. A., Ali H. S., Yunusoğlu O., Yardım Y.
Diamond and Related Materials, vol.144, 2024 (SCI-Expanded)
- VII. **Voltammetric measurement of catechol-O-methyltransferase inhibitor tolcapone in the pharmaceutical form on the boron-doped diamond electrode**
Kiran M., Yardım Y.
Turkish Journal of Chemistry, vol.48, no.1, pp.184-194, 2024 (SCI-Expanded)
- VIII. **Sensing of the COVID-19 antiviral molnupiravir in the presence of an anionic surfactant on the surface of a boron-doped diamond electrode in pharmaceutical formulation**
Bedir Y., Yardım Y.
Monatshefte für Chemie, 2024 (SCI-Expanded)
- IX. **Quantification of ferulic acid using square-wave voltammetric method at an unmodified boron-doped diamond electrode**
Pinar P. T., Barzani H. A. H., Ali H. S., Yardım Y.
Monatshefte für Chemie, vol.154, no.11, pp.1225-1233, 2023 (SCI-Expanded)
- X. **The first approach for the simultaneous quantification of isoproterenol, carbendazim, and carbocyanine at the surface of a MIL-101(Cr) metal-organic framework-based electrode**
Pinar P. T., Yardım Y., Gülcan M., Şentürk Z.
Inorganic Chemistry Communications, vol.156, 2023 (SCI-Expanded)
- XI. **Utilizing epicatechin voltammetric oxidation signal for the estimation of total phenolic content in the tea samples via the unmodified boron-doped diamond electrode surface**
Ali H. S., Barzani H. A., Yardım Y.
Microchemical Journal, vol.189, 2023 (SCI-Expanded)
- XII. **Utilizing an anionic surfactant aqueous media for voltammetric sensing of anti-cancer drug imiquimod in the pharmaceutical formulation and urine samples at the boron-doped diamond electrode surface**
Özok H. İ., Yardım Y.
Diamond and Related Materials, vol.136, 2023 (SCI-Expanded)
- XIII. **Electrochemical Determination of Flavonoid Fisetin in Commercial Dietary Supplements Using a Boron-Doped Diamond Electrode**
Allahverdiyeva S., Keskin E., Yörük İ., Yardım Y.
ChemistrySelect, vol.8, no.14, 2023 (SCI-Expanded)
- XIV. **Investigation of the electrochemical properties of benzo[k]fluorene using a glassy carbon electrode and development of a square-wave voltammetric method for its quantification**
Altun A., Yardım Y., Levent A.
Journal of Chemical Sciences, vol.135, no.1, 2023 (SCI-Expanded)
- XV. **First approach for the voltammetric sensing of rifabutin by the use of cationic surfactant media on the boron-doped diamond electrode**
Barzani H. A., Yardım Y.
Diamond and Related Materials, vol.132, 2023 (SCI-Expanded)
- XVI. **An anodically pretreated boron-doped diamond electrode surface for square-wave adsorptive stripping voltammetric quantification of the non-absorbable antibiotic rifaximin in the pharmaceutical formulation**
Barzani H. A., Ali H. S., Yardım Y.
Diamond and Related Materials, vol.132, 2023 (SCI-Expanded)
- XVII. **The First Electroanalytical Study Of Umifenovir (Arbidol) Used As A Potential Antiviral Drug For The Treatment of SARS-CoV-2: A Voltammetric Quantification On The Boron-Doped Diamond Electrode**

By Using Anionic Surfactant Media

Özok H. İ., Kiran M., Yunusoğlu O., Yardım Y.

Journal of the Electrochemical Society, vol.170, no.1, 2023 (SCI-Expanded)

- XVIII. Oxygen and nitrogen-doped carbon particles derived from pyrolysis of *Chlorella vulgaris* and *Spirulina platensis* microalgae as an efficient electrode material for supercapacitor application**
Yardım Y., Saka C.
Fullerenes Nanotubes and Carbon Nanostructures, vol.31, no.8, pp.713-723, 2023 (SCI-Expanded)
- XIX. Iodine adsorption and electrochemical double-layer capacitor characteristics of activated carbon prepared from low-cost biomass**
SAKA C., Yardım Y., ŞAHİN Ö., BAYTAR O.
INTERNATIONAL JOURNAL OF PHYTOREMEDIATION, vol.25, no.1, pp.74-81, 2023 (SCI-Expanded)
- XX. First Report for the Electrooxidation of Antifungal Anidulafungin: Application to its Voltammetric Determination in Parenteral Lyophilized Formulation Using a Boron-doped Diamond Electrode in the Presence of Anionic Surfactant**
Özok H. İ., Allahverdiyeva S., Yardım Y., Şentürk Z.
ELECTROANALYSIS, vol.34, no.9, pp.1487-1498, 2022 (SCI-Expanded)
- XXI. A new Approach for the Voltammetric Sensing of the Phytoestrogen Genistein at a Non-modified Boron-doped Diamond Electrode**
Barzani H. A. H., Ali H. S., Sahin C., Kiran M., Yardım Y.
ELECTROANALYSIS, vol.34, no.8, pp.1280-1288, 2022 (SCI-Expanded)
- XXII. First electrochemical study of a potent antifungal drug caspofungin: Application to its enhanced voltammetric sensing based on the performance of boron-doped diamond electrode in CTAB-mediated measurements**
Ali H. S., Barzani H. A. H., Yardım Y., Şentürk Z.
DIAMOND AND RELATED MATERIALS, vol.125, 2022 (SCI-Expanded)
- XXIII. Developing an electroanalytical procedure for the determination of caffeic acid phenethyl ester at a boron-doped diamond electrode by the use of cationic surfactant media**
Barzani H. A. H., Ali H. S., Özok H. İ., Yardım Y.
DIAMOND AND RELATED MATERIALS, vol.124, 2022 (SCI-Expanded)
- XXIV. An unmodified boron-doped diamond electrode for electroanalytical investigation and sensitive voltammetric quantification of antiviral drug famciclovir in the pharmaceutical formulation and serum samples**
Yardım Y., Ali H. S., Barzani H. A. H.
DIAMOND AND RELATED MATERIALS, vol.123, 2022 (SCI-Expanded)
- XXV. Electroanalytical investigation and voltammetric quantification of antiviral drug favipiravir in the pharmaceutical formulation and urine sample using a glassy carbon electrode in anionic surfactant media**
Akca Z., Özok H. İ., Yardım Y., Şentürk Z.
TURKISH JOURNAL OF CHEMISTRY, vol.46, no.3, pp.869-880, 2022 (SCI-Expanded)
- XXVI. First electrochemical evaluation of favipiravir used as an antiviral option in the treatment of COVID-19: A study of its enhanced voltammetric determination in cationic surfactant media using a boron-doped diamond electrode**
Allahverdiyeva S., Yunusoğlu O., Yardım Y., Senturk Z.
ANALYTICA CHIMICA ACTA, vol.1159, 2021 (SCI-Expanded)
- XXVII. The effect of CTAB, a cationic surfactant, on the adsorption ability of the boron-doped diamond electrode: Application for voltammetric sensing of Bisphenol A and Hydroquinone in water samples**
Hoshyar S. A., Barzani H. A. H., Yardım Y., Şentürk Z.
COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, vol.610, 2021 (SCI-Expanded)
- XXVIII. First report for the electrochemical investigation of a new HIV integrase inhibitor dolutegravir: Its voltammetric determination in tablet dosage forms and human urine using a boron-doped diamond electrode**

- Allahverdiyeva S., Talay Pınar P., Yardım Y., Şentürk Z.
Diamond And Related Materials, vol.114, pp.108332, 2021 (SCI-Expanded)
- XXIX. **Electrooxidation of tetracycline antibiotic demeclocycline at unmodified boron-doped diamond electrode and its enhancement determination in surfactant-containing media**
Allahverdiyeva S., Yardım Y., Şentürk Z.
TALANTA, vol.223, 2021 (SCI-Expanded)
- XXX. **VOLTAMMETRIC QUANTIFICATION OF A NONSTEROIDAL ANTI-INFLAMMATORY AGENT DIFLUNISAL BASED ON THE ENHANCEMENT EFFECT OF CATIONIC SURFACTANT ON BORON-DOPED DIAMOND ELECTRODE**
KESKİN E., Allahverdiyeva S., Alali A., Yardım Y.
MACEDONIAN JOURNAL OF CHEMISTRY AND CHEMICAL ENGINEERING, vol.40, no.1, pp.11-20, 2021 (SCI-Expanded)
- XXXI. **Voltammetric quantification of the anesthetic drug propofol (2,6-diisopropylphenol) in pharmaceutical formulations on a boron-doped diamond electrode**
KESKİN E., Allahverdiyeva S., Özok H. İ., Yunusoğlu O., Yardım Y.
JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol.86, pp.711-724, 2021 (SCI-Expanded)
- XXXII. **Improvement of electrochemical double-layer capacitance by fast and clean oxygen plasma treatment on activated carbon as the electrode material from walnut shells**
Saka C., Baytar O., Yardım Y., Sahin O.
BIOMASS & BIOENERGY, vol.143, 2020 (SCI-Expanded)
- XXXIII. **Electrochemical Determination of Fluoroquinolone Antibiotic Norfloxacin in the Presence of Anionic Surfactant Using the Anodically Pretreated Boron-Doped Diamond Electrode**
Karahan F., Basi Z., Keskin E., Pınar P. T., Yardım Y., Şentürk Z.
CHEMISTRYSELECT, vol.5, no.42, pp.12862-12868, 2020 (SCI-Expanded)
- XXXIV. **Electroanalytical investigation and determination of hepatitis C antiviral drug ledipasvir at a non-modified boron-doped diamond electrode**
Allahverdiyeva S., Keskin E., Pınar P. T., Yunusoğlu O., Yardım Y., Şentürk Z.
Diamond and Related Materials, vol.108, 2020 (SCI-Expanded)
- XXXV. **Voltammetric sensing of dinitrophenolic herbicide dinoterb on cathodically pretreated boron-doped diamond electrode in the presence of cationic surfactant**
Talay Pınar P., Allahverdiyeva S., Yardım Y., Şentürk Z.
MICROCHEMICAL JOURNAL, vol.155, 2020 (SCI-Expanded)
- XXXVI. **Square-Wave Adsorptive Stripping Voltammetric Determination of Hesperidin Using a Boron-Doped Diamond Electrode**
Yigit A., Yardım Y., Şentürk Z.
JOURNAL OF ANALYTICAL CHEMISTRY, vol.75, no.5, pp.653-661, 2020 (SCI-Expanded)
- XXXVII. **Enhanced electrochemical double-layer capacitive performance with CO₂ plasma treatment on activated carbon prepared from pyrolysis of pistachio shells**
Sahin O., Yardım Y., Baytar O., Saka C.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.45, no.15, pp.8843-8852, 2020 (SCI-Expanded)
- XXXVIII. **Simple and sensitive electrochemical determination of higenamine in dietary supplements using a disposable pencil graphite electrode**
Talay Pınar P., Yardım Y., Şentürk Z.
MONATSHEFTE FÜR CHEMIE, vol.151, no.3, pp.301-307, 2020 (SCI-Expanded)
- XXXIX. **A Simple Approach to Simultaneous Electroanalytical Quantification of Acetaminophen and Tramadol Using a Boron-doped Diamond Electrode in the Existence of Sodium Dodecyl Sulfate**
Yunusoğlu O., Allahverdiyeva S., Yardım Y., Şentürk Z.
ELECTROANALYSIS, vol.32, no.2, pp.429-436, 2020 (SCI-Expanded)
- XL. **Adsorptive stripping voltammetric determination of higenamine on a boron-doped diamond electrode improved by the use of an anionic surfactant**
Allahverdiyeva S., Talay Pınar P., Keskin E., Yunusoğlu O., Yardım Y., Şentürk Z.

SENSORS AND ACTUATORS B-CHEMICAL, vol.303, 2020 (SCI-Expanded)

- XLI. Determination of tramadol in pharmaceutical forms and urine samples using a boron-doped diamond electrode**
Keskin E., Allahverdiyeva S., Seyho E., Yardım Y.
JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol.85, no.7, pp.923-937, 2020 (SCI-Expanded)
- XLII. Individual and simultaneous electroanalytical sensing of epinephrine and lidocaine using an anodically pretreated boron-doped diamond electrode by square-wave voltammetry**
Talay Pınar P., Yardım Y., Şentürk Z.
DIAMOND AND RELATED MATERIALS, vol.101, 2020 (SCI-Expanded)
- XLIII. ELECTROCHEMICAL DETERMINATION OF NOREPINEPHRINE BY ADSORPTIVE STRIPPING VOLTAMMETRY USING A BARE BORON-DOPED DIAMOND ELECTRODE**
KESKİN E., Yardım Y., LEVENT A., Şentürk Z.
REVUE ROUMAINE DE CHIMIE, vol.64, no.12, pp.1063-1072, 2019 (SCI-Expanded)
- XLIV. Simple and rapid voltammetric determination of cephalosporin drug cefixime on boron-doped diamond electrode**
Keskin E., ALLAHVERDIYEVA S., SEKER H., Yardım Y.
MONATSHEFTE FÜR CHEMIE, vol.150, no.11, pp.1895-1902, 2019 (SCI-Expanded)
- XLV. First Electroanalytical Methodology for the Determination of Hordenine in Dietary Supplements using a Boron-doped Diamond Electrode**
ALLAHVERDIYEVA S., Keskin E., PınAR P., Yardım Y., Şentürk Z.
ELECTROANALYSIS, vol.31, no.11, pp.2283-2289, 2019 (SCI-Expanded)
- XLVI. Simple, rapid, and sensitive electrochemical determination of antithyroid drug methimazole using a boron-doped diamond electrode**
SEYİDAHMET S., Dönmez F., Yardım Y., Senturk Z.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.16, no.5, pp.913-920, 2019 (SCI-Expanded)
- XLVII. ELECTROCHEMICAL BEHAVIOR OF THE ANTINEOPLASTIC AGENT ETOPOSIDE AT A GRAPHENE-BASED MODIFIED ELECTRODE: ITS SQUARE-WAVE ADSORPTIVE STRIPPING VOLTAMMETRIC DETERMINATION IN THE PHARMACEUTICAL FORMULATIONS**
Talay Pınar P., SAKA C., Yardım Y.
REVUE ROUMAINE DE CHIMIE, vol.63, no.12, pp.1149-1156, 2018 (SCI-Expanded)
- XLVIII. Electrochemical oxidation of ranitidine at poly(dopamine) modified carbon paste electrode: Its voltammetric determination in pharmaceutical and biological samples based on the enhancement effect of anionic surfactant**
Pınar P., Yardım Y., Şentürk Z.
SENSORS AND ACTUATORS B-CHEMICAL, vol.273, pp.1463-1473, 2018 (SCI-Expanded)
- XLIX. Voltammetric sensing of triclosan in the presence of cetyltrimethylammonium bromide using a cathodically pretreated boron-doped diamond electrode**
Yardım Y., Alpar N., Şentürk Z.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.98, no.13, pp.1226-1241, 2018 (SCI-Expanded)
- L. The performance of cathodically pretreated boron-doped diamond electrode in cationic surfactant media for enhancing the adsorptive stripping voltammetric determination of catechol-containing flavonoid quercetin in apple juice**
Abdullah A. A., Yardım Y., Şentürk Z.
TALANTA, vol.187, pp.156-164, 2018 (SCI-Expanded)
- LI. A Graphene-based Electrochemical Sensor for the Individual, Selective and Simultaneous Determination of Total Chlorogenic Acids, Vanillin and Caffeine in Food and Beverage Samples**
Yiğit A., Alpar N., Yardım Y., Çelebi M., Senturk Z.
ELECTROANALYSIS, vol.30, no.9, pp.2011-2020, 2018 (SCI-Expanded)
- LII. Electroanalytical determination of enrofloxacin based on the enhancement effect of the anionic surfactant at anodically pretreated boron-doped diamond electrode**

Dönmez F., Yardım Y., Şentürk Z.

DIAMOND AND RELATED MATERIALS, vol.84, pp.95-102, 2018 (SCI-Expanded)

- LIII. **Selective and simultaneous determination of total chlorogenic acids, vanillin and caffeine in foods and beverages by adsorptive stripping voltammetry using a cathodically pretreated boron-doped diamond electrode**
Alpar N., Yardım Y., Şentürk Z.
SENSORS AND ACTUATORS B-CHEMICAL, vol.257, pp.398-408, 2018 (SCI-Expanded)
- LIV. **Simultaneous voltammetric determination of vanillin and caffeine in food products using an anodically pretreated boron-doped diamond electrode: Its comparison with HPLC-DAD**
Ah H. S., Abdullah A. A., Talay Pınar P., Yardım Y., Şentürk Z.
TALANTA, vol.170, pp.384-391, 2017 (SCI-Expanded)
- LV. **Voltammetric Method for the Simultaneous Determination of Melatonin and Pyridoxine in Dietary Supplements Using a Cathodically Pretreated Boron-doped Diamond Electrode**
Alpar N., Talay Pınar P., Yardım Y., Şentürk Z.
ELECTROANALYSIS, vol.29, pp.1691-1699, 2017 (SCI-Expanded)
- LVI. **A Reduced Graphene Oxide-based Electrochemical DNA Biosensor for the Detection of Interaction between Cisplatin and DNA based on Guanine and Adenine Oxidation Signals**
Yardım Y., Vandeput M., Çelebi M., Şentürk Z., Kauffmann J.
ELECTROANALYSIS, vol.29, no.5, pp.1451-1458, 2017 (SCI-Expanded)
- LVII. **Electrochemical determination of resveratrol in dietary supplements at a boron-doped diamond electrode in the presence of hexadecyltrimethylammonium bromide using square-wave adsorptive stripping voltammetry**
Yardım Y.
Journal of the Serbian Chemical Society, vol.82, no.2, pp.175-188, 2017 (SCI-Expanded)
- LVIII. **Graphene/Nafion composite film modified glassy carbon electrode for simultaneous determination of paracetamol, aspirin and caffeine in pharmaceutical formulations**
Yiğit A., Yardım Y., Çelebi M., Levent A., Şentürk Z.
TALANTA, vol.158, pp.21-29, 2016 (SCI-Expanded)
- LIX. **Electrochemical determination of pterostilbene at a cathodically pretreated boron-doped diamond electrode using square-wave adsorptive anodic stripping voltammetry in cationic surfactant media**
Yiğit A., Yardım Y., Zorer O. S., Şentürk Z.
SENSORS AND ACTUATORS B-CHEMICAL, vol.231, pp.688-695, 2016 (SCI-Expanded)
- LX. **Voltammetric Sensor Based on Boron-Doped Diamond Electrode for Simultaneous Determination of Paracetamol, Caffeine, and Aspirin in Pharmaceutical Formulations**
Yiğit A., Yardım Y., Şentürk Z.
IEEE Sensors Journal, vol.16, no.6, pp.1674-1680, 2016 (SCI-Expanded)
- LXI. **Flow-through enzyme immobilized amperometric detector for the rapid screening of acetylcholinesterase inhibitors by flow injection analysis**
VANDEPUT M., PARSAJOO C., VANHEUVERZWIJN J., PATRIS S., Yardım Y., LE JEUNE A., SARAĞBI A., MERTENS D., Kauffmann J.
Journal of Pharmaceutical and Biomedical Analysis, vol.102, pp.267-275, 2015 (SCI-Expanded)
- LXII. **Voltammetric Behavior of Testosterone on Bismuth Film Electrode: Highly Sensitive Determination in Pharmaceuticals and Human Urine by Square-Wave Adsorptive Stripping Voltammetry**
LEVENT A., ALTUN A., TAŞ S., Yardım Y., Şentürk Z.
Electroanalysis, vol.27, no.5, pp.1219-1228, 2015 (SCI-Expanded)
- LXIII. **Sensitive voltammetric determination of testosterone in pharmaceuticals and human urine using a glassy carbon electrode in the presence of cationic surfactant**
LEVENT A., ALTUN A., Yardım Y., Şentürk Z.
Electrochimica Acta, vol.128, pp.54-60, 2014 (SCI-Expanded)
- LXIV. **Electrochemical performance of boron-doped diamond electrode in surfactant-containing media for ambroxol determination**

- LEVENT A., Yardım Y., Şentürk Z.
Sensors and Actuators, B: Chemical, vol.203, pp.517-526, 2014 (SCI-Expanded)
- LXV. **Electrochemical behavior of folic acid at a boron-doped diamond electrode: Its adsorptive stripping voltammetric determination in tablets Folik asit'in bor-katki{dotless}li{dotless} elmas elektrot üzerinde elektrokimyasal davranı{dotless}şi{dotless}: Tabletlerden adsorptif si{dotless}yi{dotless}rma voltametri ile tayini**
Yardım Y., Şentürk Z.
Turkish Journal of Pharmaceutical Sciences, vol.11, no.1, pp.87-100, 2014 (SCI-Expanded)
- LXVI. **Voltammetric behavior of rutin at a boron-doped diamond electrode. Its electroanalytical determination in a pharmaceutical formulation**
PINAR P., Yardım Y., Şentürk Z.
Central European Journal of Chemistry, vol.11, no.10, pp.1674-1681, 2013 (SCI-Expanded)
- LXVII. **Determination of trace metal and mineral levels in the tobacco and cigarette samples using by FASS**
LEVENT A., Yardım Y., Demir C.
Journal of the Chemical Society of Pakistan, vol.35, no.2, pp.257-261, 2013 (SCI-Expanded)
- LXVIII. **Electrochemical evaluation and adsorptive stripping voltammetric determination of capsaicin or dihydrocapsaicin on a disposable pencil graphite electrode**
Yardım Y., Şentürk Z.
Talanta, vol.112, pp.11-19, 2013 (SCI-Expanded)
- LXIX. **Determination of vanillin in commercial food product by adsorptive stripping voltammetry using a boron-doped diamond electrode**
Yardım Y., Gülcan M., Şentürk Z.
Food Chemistry, vol.141, no.3, pp.1821-1827, 2013 (SCI-Expanded)
- LXX. **Voltammetric determination of mixtures of caffeine and chlorogenic acid in beverage samples using a boron-doped diamond electrode**
Yardım Y., KESKİN E., Şentürk Z.
Talanta, vol.116, pp.1010-1017, 2013 (SCI-Expanded)
- LXXI. **Determination of 7,12-Dimethylbenz[a]Anthracene in Orally Treated Rats by High-Performance Liquid Chromatography and Transfer Stripping Voltammetry**
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