

## **Prof. Yavuz Yardım**

### **Personal Information**

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### **International Researcher IDs**

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### **Education Information**

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

Postgraduate, Van Yüzüncü Yıl 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 Yıl University, Fen Bilimleri Enstitüsü, Kimya / Analitik Kimya, 2009

Postgraduate, ANTİHİPERTANSİF İLAÇLARDAN ASEBUTOLOL'ÜN POLAROGRAFİK YÖNTEMLE MİKTAR TAYİNİ , Van Yüzüncü Yıl 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 Yıl University, Eczacılık Fakültesi, Eczacılık Temel Bilimleri, 2017 - Continues

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

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

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

### **Academic and Administrative Experience**

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

Continues

Van Yüzüncü Yıl University, Eczacılık Fakültesi, 2019 - Continues

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

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

Van Yüzüncü Yıl University, Analitik Kimya , 2012 - Continues

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

## Courses

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

Ayırma 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 ÖRNEKLERİNDeki KLOROJENİK ASIT VANİLİN VE KAFEİNİN BOR KATKILI ELMAS ELEKTROT YÜZEYİNDE TEKLİ VE EŞ ZAMANLI TAYİNLERİNDE YÖNELİK VOLTAMETRİK YÖNTEM GELİŞTİRİLMESİ, Postgraduate, N.Alpar(Student), 2017

Yardım Y., GRAFEN-MODİFİYE ELEKTROTLAR KULLANARAK KAFEİN, PARASETAMOL VE ASETİLSALİSİLİK ASİDİN İLAÇ PREPARATLARINDA EŞZAMANLI TAYİNİNDE 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. 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)

- II. 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)

- III. 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)

- IV. Quantification of ferulic acid using square-wave voltammetric method at an unmodified boron-doped diamond electrode

Pınar P. T., Barzani H. A. H., Ali H. S., Yardım Y.

Monatshefte fur Chemie, vol.154, no.11, pp.1225-1233, 2023 (SCI-Expanded)

- V. The first approach for the simultaneous quantification of isoproturon, carbendazim, and carbofuran

- at the surface of a MIL-101(Cr) metal-organic framework-based electrode**  
Pınar P. T., Yardım Y., Gülcen M., Şentürk Z.  
Inorganic Chemistry Communications, vol.156, 2023 (SCI-Expanded)
- VI. 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)
- VII. 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)
- VIII. 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)
- IX. Investigation of the electrochemical properties of benzo[k]fluorenthene 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)
- X. 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)
- XI. 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)
- XII. 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)
- XIII. 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)
- XIV. 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)
- XV. 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)
- XVI. 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)

- XVII. **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)
- XVIII. **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)
- XIX. **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)
- XX. **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)
- XXI. **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)
- XXII. **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)
- XXIII. **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)
- XXIV. **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-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, vol.610, 2021 (SCI-Expanded)
- XXV. **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)
- XXVI. **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., Yardim Y.  
MACEDONIAN JOURNAL OF CHEMISTRY AND CHEMICAL ENGINEERING, vol.40, no.1, pp.11-20, 2021 (SCI-Expanded)
- XXVII. **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)

- XXVIII. **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., Pinar P. T., Yardim Y., Şentürk Z.  
CHEMISTRYSELECT, vol.5, no.42, pp.12862-12868, 2020 (SCI-Expanded)
- XXIX. **Electroanalytical investigation and determination of hepatitis C antiviral drug ledipasvir at a non-modified boron-doped diamond electrode**  
Allahverdiyeva S., Keskin E., Pinar P. T., Yunusoğlu O., Yardim Y., Şentürk Z.  
Diamond and Related Materials, vol.108, 2020 (SCI-Expanded)
- XXX. **Voltammetric sensing of dinitrophenolic herbicide dinotero on cathodically pretreated boron-doped diamond electrode in the presence of cationic surfactant**  
Talay Pınar P., Allahverdiyeva S., Yardim Y., Senturk Z.  
MICROCHEMICAL JOURNAL, vol.155, 2020 (SCI-Expanded)
- XXXI. **Square-Wave Adsorptive Stripping Voltammetric Determination of Hesperidin Using a Boron-Doped Diamond Electrode**  
Yigit A., Yardim Y., Şentürk Z.  
JOURNAL OF ANALYTICAL CHEMISTRY, vol.75, no.5, pp.653-661, 2020 (SCI-Expanded)
- XXXII. **Enhanced electrochemical double-layer capacitive performance with CO<sub>2</sub> plasma treatment on activated carbon prepared from pyrolysis of pistachio shells**  
Sahin O., Yardim Y., Baytar O., Saka C.  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.45, no.15, pp.8843-8852, 2020 (SCI-Expanded)
- XXXIII. **Simple and sensitive electrochemical determination of higenamine in dietary supplements using a disposable pencil graphite electrode**  
Talay Pınar P., Yardim Y., Şentürk Z.  
MONATSHEFTE FÜR CHEMIE, vol.151, no.3, pp.301-307, 2020 (SCI-Expanded)
- XXXIV. **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., Yardim Y., Şentürk Z.  
ELECTROANALYSIS, vol.32, no.2, pp.429-436, 2020 (SCI-Expanded)
- XXXV. **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., Yardim Y., Şentürk Z.  
SENSORS AND ACTUATORS B-CHEMICAL, vol.303, 2020 (SCI-Expanded)
- XXXVI. **Determination of tramadol in pharmaceutical forms and urine samples using a boron-doped diamond electrode**  
Keskin E., Allahverdiyeva S., Seyho E., Yardim Y.  
JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol.85, no.7, pp.923-937, 2020 (SCI-Expanded)
- XXXVII. **Individual and simultaneous electroanalytical sensing of epinephrine and lidocaine using an anodically pretreated boron-doped diamond electrode by square-wave voltammetry**  
Talay Pınar P., Yardim Y., Şentürk Z.  
DIAMOND AND RELATED MATERIALS, vol.101, 2020 (SCI-Expanded)
- XXXVIII. **ELECTROCHEMICAL DETERMINATION OF NOREPINEPHRINE BY ADSORPTIVE STRIPPING VOLTAMMETRY USING A BARE BORON-DOPED DIAMOND ELECTRODE**  
KESKİN E., Yardim Y., LEVENT A., Şentürk Z.  
REVUE ROUMAINE DE CHIMIE, vol.64, no.12, pp.1063-1072, 2019 (SCI-Expanded)
- XXXIX. **First Electroanalytical Methodology for the Determination of Hordenine in Dietary Supplements using a Boron-doped Diamond Electrode**  
ALLAHVERDIYEVA S., Keskin E., PiNAR P., Yardim Y., Şentürk Z.  
ELECTROANALYSIS, vol.31, no.11, pp.2283-2289, 2019 (SCI-Expanded)
- XL. **Simple and rapid voltammetric determination of cephalosporin drug cefixime on boron-doped diamond electrode**  
Keskin E., ALLAHVERDIYEVA S., SEKER H., Yardim Y.

- MONATSHEFTE FUR CHEMIE, vol.150, no.11, pp.1895-1902, 2019 (SCI-Expanded)
- XLI. Simple, rapid, and sensitive electrochemical determination of antithyroid drug methimazole using a boron-doped diamond electrode  
SEYIDAHMET S., Dönmez F., Yardim Y., Senturk Z.  
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.16, no.5, pp.913-920, 2019 (SCI-Expanded)
- XLII. 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 Pinar P., SAKA C., Yardim Y.  
REVUE ROUMAINE DE CHIMIE, vol.63, no.12, pp.1149-1156, 2018 (SCI-Expanded)
- XLIII. 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  
Pinar P., Yardim Y., Şentürk Z.  
SENSORS AND ACTUATORS B-CHEMICAL, vol.273, pp.1463-1473, 2018 (SCI-Expanded)
- XLIV. Voltammetric sensing of triclosan in the presence of cetyltrimethylammonium bromide using a cathodically pretreated boron-doped diamond electrode  
Yardim Y., Alpar N., Şentürk Z.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.98, no.13, pp.1226-1241, 2018 (SCI-Expanded)
- XLV. 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., Yardim Y., Şentürk Z.  
TALANTA, vol.187, pp.156-164, 2018 (SCI-Expanded)
- XLVI. 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., Yardim Y., Çelebi M., Senturk Z.  
ELECTROANALYSIS, vol.30, no.9, pp.2011-2020, 2018 (SCI-Expanded)
- XLVII. Electroanalytical determination of enrofloxacin based on the enhancement effect of the anionic surfactant at anodically pretreated boron-doped diamond electrode  
Dönmez F., Yardim Y., Şentürk Z.  
DIAMOND AND RELATED MATERIALS, vol.84, pp.95-102, 2018 (SCI-Expanded)
- XLVIII. 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., Yardim Y., Şentürk Z.  
SENSORS AND ACTUATORS B-CHEMICAL, vol.257, pp.398-408, 2018 (SCI-Expanded)
- XLIX. Simultaneous voltammetric determination of vanillin and caffeine in food products using an anodically pretreated boron-doped diamond electrode: Its comparison with HPLC-DAD  
Ali H. S., Abdullah A. A., Talay Pinar P., Yardim Y., Şentürk Z.  
TALANTA, vol.170, pp.384-391, 2017 (SCI-Expanded)
- L. Voltammetric Method for the Simultaneous Determination of Melatonin and Pyridoxine in Dietary Supplements Using a Cathodically Pretreated Boron-doped Diamond Electrode  
Alpar N., Talay Pinar P., Yardim Y., Şentürk Z.  
ELECTROANALYSIS, vol.29, pp.1691-1699, 2017 (SCI-Expanded)
- LI. A Reduced Graphene Oxide-based Electrochemical DNA Biosensor for the Detection of Interaction between Cisplatin and DNA based on Guanine and Adenine Oxidation Signals  
Yardim Y., Vandeput M., Çelebi M., Şentürk Z., Kauffmann J.  
ELECTROANALYSIS, vol.29, no.5, pp.1451-1458, 2017 (SCI-Expanded)
- LII. 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**  
Yardim Y.  
Journal of the Serbian Chemical Society, vol.82, no.2, pp.175-188, 2017 (SCI-Expanded)
- LIII. **Graphene/Nafion composite film modified glassy carbon electrode for simultaneous determination of paracetamol, aspirin and caffeine in pharmaceutical formulations**  
Yigit A., Yardim Y., Celebi M., Levent A., Senturk Z.  
TALANTA, vol.158, pp.21-29, 2016 (SCI-Expanded)
- LIV. **Electrochemical determination of pterostilbene at a cathodically pretreated boron-doped diamond electrode using square-wave adsorptive anodic stripping voltammetry in cationic surfactant media**  
Yigit A., Yardim Y., Zorer O. S., Senturk Z.  
SENSORS AND ACTUATORS B-CHEMICAL, vol.231, pp.688-695, 2016 (SCI-Expanded)
- LV. **Voltammetric Sensor Based on Boron-Doped Diamond Electrode for Simultaneous Determination of Paracetamol, Caffeine, and Aspirin in Pharmaceutical Formulations**  
Yigit A., Yardim Y., Senturk Z.  
IEEE Sensors Journal, vol.16, no.6, pp.1674-1680, 2016 (SCI-Expanded)
- LVI. **Flow-through enzyme immobilized amperometric detector for the rapid screening of acetylcholinesterase inhibitors by flow injection analysis**  
VANDEPUT M., PARSAJOO C., VANHEUVERWIJN J., PATRIS S., Yardim Y., LE JEUNE A., SARAKBI A., MERTENS D., Kauffmann J.  
Journal of Pharmaceutical and Biomedical Analysis, vol.102, pp.267-275, 2015 (SCI-Expanded)
- LVII. **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., Yardim Y., Senturk Z.  
Electroanalysis, vol.27, no.5, pp.1219-1228, 2015 (SCI-Expanded)
- LVIII. **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., Yardim Y., Senturk Z.  
Electrochimica Acta, vol.128, pp.54-60, 2014 (SCI-Expanded)
- LIX. **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 davrani{dotless}ş{dotless}: Tabletlerden adsorptif si{dotless}yi{dotless}rm{dotless}a voltametrisi ile tayini**  
Yardim Y., Senturk Z.  
Turkish Journal of Pharmaceutical Sciences, vol.11, no.1, pp.87-100, 2014 (SCI-Expanded)
- LX. **Electrochemical performance of boron-doped diamond electrode in surfactant-containing media for ambroxol determination**  
LEVENT A., Yardim Y., Senturk Z.  
Sensors and Actuators, B: Chemical, vol.203, pp.517-526, 2014 (SCI-Expanded)
- LXI. **Voltammetric behavior of rutin at a boron-doped diamond electrode. Its electroanalytical determination in a pharmaceutical formulation**  
PINAR P., Yardim Y., Senturk Z.  
Central European Journal of Chemistry, vol.11, no.10, pp.1674-1681, 2013 (SCI-Expanded)
- LXII. **Determination of trace metal and mineral levels in the tobacco and cigarette samples using by FASS**  
LEVENT A., Yardim Y., Demir C.  
Journal of the Chemical Society of Pakistan, vol.35, no.2, pp.257-261, 2013 (SCI-Expanded)
- LXIII. **Determination of vanillin in commercial food product by adsorptive stripping voltammetry using a boron-doped diamond electrode**  
Yardim Y., Gulcan M., Senturk Z.  
Food Chemistry, vol.141, no.3, pp.1821-1827, 2013 (SCI-Expanded)
- LXIV. **Voltammetric determination of mixtures of caffeine and chlorogenic acid in beverage samples using**

- a boron-doped diamond electrode**  
Yardim Y., KESKIN E., Şentürk Z.  
Talanta, vol.116, pp.1010-1017, 2013 (SCI-Expanded)
- LXV. Electrochemical evaluation and adsorptive stripping voltammetric determination of capsaicin or dihydrocapsaicin on a disposable pencil graphite electrode**  
Yardim Y., Şentürk Z.  
Talanta, vol.112, pp.11-19, 2013 (SCI-Expanded)
- LXVI. Determination of 7,12-Dimethylbenz[a]Anthracene in Orally Treated Rats by High-Performance Liquid Chromatography and Transfer Stripping Voltammetry**  
Yardim Y., Levent A., Ekin S., Keskin E., Oto G., Şentürk Z.  
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.15, no.5, pp.418-426, 2012 (SCI-Expanded)
- LXVII. Protective effect of Hypericum perforatum L. on serum and hair trace elements in rats 7,12-dimethylbenz[a]anthracene-induced oxidative stress**  
Ekin S., Oto G., Yardim Y., Levent A., Özgökçe F., Kuşman T.  
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.33, no.3, pp.440-445, 2012 (SCI-Expanded)
- LXVIII. Electrochemical Behavior of Chlorogenic Acid at a Boron-Doped Diamond Electrode and Estimation of the Antioxidant Capacity in the Coffee Samples Based on Its Oxidation Peak**  
Yardim Y.  
JOURNAL OF FOOD SCIENCE, vol.77, no.4, 2012 (SCI-Expanded)
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## **Scientific Refereeing**

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## Metrics

Publication: 143  
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## Congress and Symposium Activities

4th International Conference on New Trends in Chemistry, Attendee, Russia, 2018  
3rd International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST 2017), Attendee, Baku, Azerbaijan, 2017  
International Conference on Agriculture, Forest, Food Sciences and Technologies, Attendee, Nevşehir, Turkey, 2017  
The 66th Annual Meeting of the International Society of Electrochemistry, ise150188 s01-027, 4-9 October 2015, Taipei, Taiwan., Attendee, Taipei, Taiwan, 2015  
26th International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2015), July 5-8, 2015, Tbilisi, Georgia, PP-42., Attendee, Tbilisi, Georgia, 2015  
International Symposium On Pharmaceutical Sciences, ISOPS 11, June 09-12, 2015, Ankara, Turkey, Proceedings and Abstracts, P-4, Attendee, Turkey, 2015

## Awards

Yardım Y., Ranitidin'in Poli(dopamin) Modifiye Karbon Pasta Elektrotu Üzerinde Elektrokimyasal Yükseltgenmesi: Anyonik Yüzey Aktif Madde Varlığında Farmasötik ve Biyolojik Örneklerde Voltametrik Tayini, 30. Ulusal Kimya Kongresi, en iyi poster ödülü, November 2018