

## Prof. Yavuz Yardım

### Personal Information

Office Phone: [+90 432 444 5065](tel:+904324445065) Extension: 25122

Office Phone: [+90 432 225 0701](tel:+904322250701) Extension: 21153

Email: [yavuz@yyu.edu.tr](mailto:yavuz@yyu.edu.tr)

Web: <https://avesis.yyu.edu.tr/yavuz>

### International Researcher IDs

ORCID: 0000-0002-9587-096X

ScopusID: 55511747958

Yoksis Researcher ID: 158135

### 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 fur 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 fur 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 CO<sub>2</sub> 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)

- XLII. **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)
- XLIII. **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**  
Alı 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 amroxol 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}
{dotless} elmas elektrot üzerinde elektrokimyasal davranışi{dotless}{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**  
Yardım 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)
- LXXII. **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., Yardım Y., Levent A., Özgökçe F., Kuşman T.  
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.33, no.3, pp.440-445, 2012 (SCI-Expanded)
- LXXIII. **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**  
Yardım Y.  
JOURNAL OF FOOD SCIENCE, vol.77, no.4, 2012 (SCI-Expanded)
- LXXIV. **Sensitive Detection of Capsaicin by Adsorptive Stripping Voltammetry at a Boron-Doped Diamond Electrode in the Presence of Sodium Dodecylsulfate**  
Yardım Y.  
Electroanalysis, vol.23, no.10, pp.2491-2497, 2011 (SCI-Expanded)
- LXXV. **Voltammetric behavior of benzo[a]pyrene at boron-doped diamond electrode: A study of its determination by adsorptive transfer stripping voltammetry based on the enhancement effect of anionic surfactant, sodium dodecylsulfate**  
Yardım Y., LEVENT A., Keskin E., Şentürk Z.  
Talanta, vol.85, no.1, pp.441-448, 2011 (SCI-Expanded)
- LXXVI. **Voltammetric behavior of indole-3-acetic acid and kinetin at pencil-lead graphite electrode and their simultaneous determination in the presence of anionic surfactant**  
Yardım Y., Şentürk Z.



- Turkish Journal of Chemistry, vol.35, no.3, pp.413-426, 2011 (SCI-Expanded)
- LXXVII. **Cathodic adsorptive stripping voltammetry of abscisic acid using pencil-lead bismuth-film electrode**  
Yardıı Y.  
Reviews in Analytical Chemistry, vol.30, no.1, pp.37-43, 2011 (SCI-Expanded)
- LXXVIII. **Electrooxidation of thiourea and its square-wave voltammetric determination using pencil graphite electrode**  
Levent A., Keskin E., Yardıı Y., Őentürk Z.  
Reviews in Analytical Chemistry, vol.30, no.1, pp.45-51, 2011 (SCI-Expanded)
- LXXIX. **Electrochemical Behavior and Electroanalytical Determination of Indole-3-Acetic Acid Phytohormone on a Boron-Doped Diamond Electrode**  
Yardıı Y., Erez M. E.  
Electroanalysis, vol.23, no.3, pp.667-673, 2011 (SCI-Expanded)
- LXXX. **Palladium(II) and platinum(II) complexes of a symmetric Schiff base derived from 2,6-diformyl-4-methylphenol with N-aminopyrimidine: Synthesis, characterization and detection of DNA interaction by voltammetry**  
Sonmez M., Ćelebi M., Yardıı Y., Őentürk Z.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.45, no.9, pp.4215-4220, 2010 (SCI-Expanded)
- LXXXI. **The Natural Diatomite from Caldiran-Van (Turkey): Electroanalytical Application to Antimigraine Compound Naratriptan at Modified Carbon Paste Electrode**  
Caliskan N., Sogut E., Saka C., Yardıı Y., Őentürk Z.  
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.13, no.8, pp.703-711, 2010 (SCI-Expanded)
- LXXXII. **Voltammetry of Benzo[a]pyrene in aqueous and nonaqueous media: Adsorptive stripping voltammetric determination at pencil graphite electrode**  
KESKIN E., Yardıı Y., Őenturk Zühre Z.  
Electroanalysis, vol.22, no.11, pp.1191-1199, 2010 (SCI-Expanded)
- LXXXIII. **Voltammetric studies on the potent carcinogen, 7,12-dimethylbenz[a]anthracene: Adsorptive stripping voltammetric determination in bulk aqueous forms and human urine samples and detection of DNA interaction on pencil graphite electrode**  
Yardıı Y., KESKIN E., LEVENT A., Özsöz M., Őentürk Z.  
Talanta, vol.80, no.3, pp.1347-1355, 2010 (SCI-Expanded)
- LXXXIV. **Voltammetric behavior of nicotine at pencil graphite electrode and its enhancement determination in the presence of anionic surfactant**  
LEVENT A., Yardıı Y., Őentürk Z.  
Electrochimica Acta, vol.55, no.1, pp.190-195, 2009 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Fast and simple voltammetric sensing of avanafil in the pharmaceutical formulation by using unmodified boron-doped diamond electrode**  
Ali H. S., Barzani H. A. H., Yardıı Y.  
ADMET and DMPK, vol.12, no.3, pp.529-542, 2024 (ESCI)
- II. **Kasyonik Sürfaktan Varlıęında Kalem Grafıt Elektrot Yüzeyinde Epirubisin'in Sıyırma Voltametrisi ile Miktar Tayini**  
Talay Pınar P., Yardıı Y.  
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.20, no.1, pp.19-29, 2020 (Peer-Reviewed Journal)
- III. **Electroanalytical determination of salbutamol in pharmaceutical formulations using cathodically pretreated boron-doped diamond electrode**  
Talay Pınar P., Ali H. S., Abdullah A. A., Yardıı Y., Őentürk Z.  
JOURNAL OF RESEARCH IN PHARMACY, vol.22, no.3, pp.460-468, 2018 (ESCI)

- IV. **Trace determination of DNA in an amaryllidaceae plant, Narcissus tazetta by square-wave stripping voltammetry based on guanine signal**  
Yardıml Y., Şentürk Z., Özsöz M., Özdemir K., ATALAN E.  
Fabad Journal of Pharmaceutical Sciences, vol.32, no.4, pp.159-165, 2007 (Scopus)

## Books & Book Chapters

- I. **Kantitatif Analiz Laboratuvar Uygulamaları**  
Yardıml Y., KESKİN E., Aydın F., Subak H., Erşen Dudu T.  
Yüzüncü Yıl Üniversitesi Yayınları, Van, 2016
- II. **Titrimetrik Analiz, Gravimetrik Analiz, Tampon çözeltiler**  
Yardıml Y., Keskin E., Aydın F., Subak H., Erşen Dudu T.  
in: Kantitatif Analiz Laboratuvar Uygulamaları, Yardıml Y., Keskin E. , Editor, Yüzüncü Yıl Üniversitesi, Van, pp.15-53, 2016

## Refereed Congress / Symposium Publications in Proceedings

- I. **The Performance of Boron-doped Diamond Electrode in Anionic Surfactant Media for Enhancing the Adsorptive Stripping Voltammetric Determination of Fluoroquinolones**  
Şentürk Z., Dönmez F., Baş Z., Karahan F., Talay Pınar P., Yardıml Y.  
30 PBA (30th International Symposium on Pharmaceutical and Biomedical Analysis), Tel-Aviv-Yafo, Israel, 15 - 18 September 2019
- II. **Sensitive and simple electrochemical determination of higenamine using the pretreated pencil graphite electrode in the dietary supplements.**  
Talay Pınar P., Yardıml Y., Şentürk Z.  
XX. Euroanalysis, İstanbul, Turkey, 1 - 05 September 2019, pp.371
- III. **First Electrochemical Investigation of Usnic Acid and its Voltammetric Determination at Pencil Graphite Electrode**  
Yunusoğlu O., Allahverdiyev S., Yardıml Y.  
3. International Conference on Agriculture, Food, Veterinary and Pharmacy Sciences, Trabzon, Turkey, 16 - 18 April 2019, pp.574
- IV. **Kateşol-içeren Flavonoid Kersetin'in Katyonik Yüzey Aktif Madde Varlığında Katodik Ön-işlem Görmüş Bor-katkılı Elmas Elektrot Üzerinde Elektrokimyasal Özelliklerinin İncelenmesi: Elma Sularında Analitik Uygulaması**  
Abdullah A., Yardıml Y., Şentürk Z.  
30. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kkct), 5 - 08 November 2018, vol.-, pp.104
- V. **Ranitidin'in Poli(dopamin) Modifiye Karbon Pasta Elektrotu Üzerinde Elektrokimyasal Yükseltgenmesi: Anyonik Yüzey Aktif Madde Varlığında Farmasötik ve Biyolojik Örneklerde Voltametrik Tayini**  
Talay Pınar P., Yardıml Y., Şentürk Z.  
30. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kkct), 5 - 08 November 2018, vol.-, pp.105
- VI. **Anodically pretreated boron-doped diamond electrode for antithyroid drug methimazole determination in the pharmaceutical formulations**  
Seyidahmet S., Dönmez F., Yardıml Y., Şentürk Z.  
4th International Conference on New Trends in Chemistry (4th ICNTC 2018 Conference), Sankt-Peterburg, Russia, 11 - 13 May 2018, pp.144
- VII. **Voltammetric sensing of triclosan based on the enhancement effect of the cationic surfactant at cathodically pretreated boron-doped diamond electrode**  
Alpar N., Yardıml Y., Şentürk Z.

4th International Conference on New Trends in Chemistry (4th ICNTC 2018 Conference), Sankt-Peterburg, Russia, 11 - 13 May 2018, pp.75

- VIII. **Square-Wave Voltammetric Method for the Selective and Simultaneous Determination of Epinephrine and Lidocaine using a Boron-doped Diamond Electrode**  
Talay Pınar P., Yardım Y., Şentürk Z.  
3rd International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST 2017), Baku, Azerbaijan, 10 - 13 September 2017, vol.-, pp.129
- IX. **Voltammetric Method for the Simultaneous Determination of Melatonin and Pyridoxine in Dietary Supplements Using a Cathodically Pretreated Boron-doped Diamond Electrode**  
Talay Pınar P., Yardım Y., Şentürk Z.  
3rd International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST 2017), Baku, Azerbaijan, 10 - 13 September 2017, pp.102
- X. **Electrochemical Determination of Capsaicin on a Graphene Modified Glassy Carbon Electrode in the Commercial Pepper Samples**  
Yiğit A., Yardım Y., Şentürk Z.  
The International Conference on Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 17 May 2017
- XI. **Selective and Simultaneous Determination of Chlorogenic acid, Vanillin and Caffeine by Adsorptive Stripping Voltammetry Using a Cathodically Pretreated Boron-Doped Diamond Electrode in the Food Samples**  
Alpar N., Yardım Y., Şentürk Z.  
The International Conference on Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 17 May 2017
- XII. **Electrochemical Studies on Lawsone and Its Determination in the Commercial Henna Samples using an in-situ Surfactant Modified Boron-doped Diamond Electrode**  
Talay Pınar P., Yardım Y., Şentürk Z.  
The International Conference on Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 17 May 2017
- XIII. **Electrochemical Behavior of Ellagic Acid at a Boron-doped Diamond Electrode and Its Determination by Square-wave Adsorptive Stripping Voltammetry in the Foodstuffs**  
YİĞİT A., Talay Pınar P., Özcan D., Yardım Y.  
International Conference on Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 18 May 2017, pp.1013
- XIV. **Square-Wave Adsorptive Stripping Voltammetric Method for the Selective and Simultaneous Determination of Vanillin and Caffeine in the Commercial Food Samples using a Boron-doped Diamond Electrode**  
Ali H. S., Abdullah A. A., Talay Pınar P., Yardım Y., Şentürk Z.  
The International Conference on Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 17 May 2017
- XV. **Graphene-based Modified Electrode for the Simultaneous and Sensitive Determination of Chlorogenic Acid, Vanillin and Caffeine in Food Samples**  
Yiğit A., Alpar N., Yardım Y., Çelebi M., Levent A., Şentürk Z.  
10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, 29 September - 02 October 2016, pp.62
- XVI. **Pterostilben'in katodik ön işlem görmüş bor-katkili elmas elektrot üzerinde katyonik sürfaktan varlığında elektrokimyasal analizi.**  
Yiğit A., Yardım Y., Selçuk Zorer Ö., Şentürk Z.  
8. Ulusal Analitik Kimya Kongresi, Isparta, Turkey, 29 May - 03 June 2016, pp.129
- XVII. **Electrochemical determination of Norepinephrine by adsorptive stripping voltammetry using a boron doped diamond electrode**  
Keskin E., Yardım Y., Levent A., Şentürk Z.  
The 66th Annual Meeting of the International Society of Electrochemistry (ISE-2015), Taipei, Taiwan, 4 - 09

October 2015, pp.155

- XVIII. **Square-Wave Adsorptive Stripping Voltammetric Determination of Resveratrol Using Boron-Doped Diamond Electrode in the Presence of Hexadecyl Trimethyl Ammonium Bromide**  
Yardıı Y.  
The 66th Annual Meeting of the International Society of Electrochemistry, Taipei, Taiwan, 4 - 09 October 2015, pp.150188
- XIX. **Using Graphene-Nafion Composite Film Modified Glassy Carbon Electrode for the Simultaneous Determination of Paracetamol, Aspirin and Caffeine in Pharmaceutical Formulations**  
Yiđit A., Yardıı Y., elebi M., Levent A., Őentürk Z.  
The 66th Annual Meeting of the International Society (ISE-2015) of Electrochemistry, Taipei, Taiwan, 4 - 09 October 2015, pp.157
- XX. **Simultaneous Determination of Paracetamol, Caffeine and Aspirin by Adsorptive Stripping Voltammetry using a Cathodically Pretreated Boron-Doped Diamond Electrode.**  
Yiđit A., Yardıı Y., Őentürk Z.  
26th International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2015), Tbilisi, Georgia, 5 - 08 August 2015, pp.43
- XXI. **Determination of Hesperidin in Commercial Dietary Supplements by Adsorptive Stripping Voltammetry using a Boron-Doped Diamond Electrode**  
Yardıı Y., Őentürk Z.  
26th International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2015), Tbilisi, Georgia, 5 - 08 August 2015, pp.42
- XXII. **Development of a Graphene-Based Electrochemical DNA Biosensor for Monitoring of Cisplatin-DNA Interaction**  
Vandeput M., Yardıı Y., elebi M., Őentürk Z., Kauffmann J.  
ISOPS-11, 11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 11 June 2015, pp.58
- XXIII. **Adsorptive Stripping Voltammetric Determination of Salbutamol using a Boron-Doped Diamond Electrode in the Presence of Uric Acid**  
Ali H., Abdullah A., Yardıı Y., Őentürk Z.  
ISOPS-11, 11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 11 June 2015, pp.59
- XXIV. **Voltammetric Determination of Gallic Acid in Red Wine using a Poly(Caffeic Acid) Modified Glassy Carbon Electrode**  
Talay Pınar P., Yardıı Y., Őentürk Z.  
ISOPS-11, 11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 11 June 2015, pp.42
- XXV. **Yem katkı maddesi raktopamin'in bor-katkılı elmas elektrot üzerinde farklı elektrolit ortamında elektrokimyasal davranışı ve biyolojik örneklerle uygulaması tayini**  
Talay Pınar P., Yardıı Y., Őentürk Z.  
7. Ulusal Analitik Kimya Kongresi, Kahramanmaraş, Turkey, 1 - 05 September 2014, pp.263
- XXVI. **Testosteron'un bizmut-film elektrot üzerinde elektrokimyasal davranışı: İlalarda ve insan idrarında kare-dalga adsorptif sıyrma voltametri ile tayini**  
Levent A., Altun A., Taş S., Yardıı Y., Őentürk Z.  
7. Ulusal Analitik Kimya Kongresi, Kahramanmaraş, Turkey, 1 - 05 September 2014, pp.1
- XXVII. **Electrochemical Study of Zeatin Phytohormone on a Boron-doped Diamond Electrode: Its Adsorptive Stripping Voltammetric Determination**  
Yardıı Y., Erez M., Keskin E., Őentürk Z.  
XVII European Conference on Analytical Chemistry (17th Euroanalysis 2013), Warszawa, Poland, 25 - 29 September 2013, pp.378
- XXVIII. **Voltammetric Behavior of Rutin and its Electroanalytical Determination at a Boron-doped Diamond Electrode**  
Talay Pınar P., Yardıı Y., Őentürk Z.  
XVII European Conference on Analytical Chemistry (17th Euroanalysis 2013), Warszawa, Poland, 25 - 29 September 2013, pp.643

- XXIX. **Voltammetric Analysis of Some Phenolic Compounds in Food using a Boron-doped Diamond Electrode**  
Yardıml Y., Şentürk Z.  
XVII European Conference on Analytical Chemistry (17th Euroanalysis 2013), Warszawa, Poland, 25 - 29 September 2013, pp.640
- XXX. **Electrochemical evaluation of Testosterone Hormone at Bismuth Film Electrode**  
Levent A., Altun A., Taş S., Yardıml Y., Şentürk Z.  
6th Black Sea Basin Conference on Analytical Chemistry (6BBCAC), Trabzon, Turkey, 10 - 14 September 2013, pp.94
- XXXI. **Simultaneous determination of caffeine and chlorogenic acid in coffee, cola and energy drinks using a boron doped-diamond film electrode by square-wave voltammetry**  
Keskin E., Yardıml Y., Şentürk Z.  
8th Aegean Analytical Chemistry Days, İzmir, Turkey, 16 - 20 September 2012, pp.33
- XXXII. **Kapsaisin'in tek-kullanımlık kalem-ucu grafit elektrot üzerinde elektrokimyasal incelenmesi ve adsorptif sıyırma voltametrisi ile miktar tayini**  
Yardıml Y., Şentürk Z.  
6. Ulusal Analitik Kimya Kongresi, Hatay, Turkey, 3 - 07 September 2012, pp.41
- XXXIII. **Electrochemical behavior of alpha-lipoic acid and its adsorptive stripping voltammetric determination using a boron-doped diamond electrode**  
Yardıml Y., Şentürk Z.  
ISOPS-10, 10th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2012, pp.226
- XXXIV. **Voltammetric Studies on the Potent Carcinogen, 7,12-dimethylbenz[a]anthracene at Glassy Carbon and Pencil Graphite Electrodes: Adsorptive Stripping Voltammetric Determination in Bulk Aqueous Forms and Human Urine Samples and Detection of DNA Interaction**  
Yardıml Y., Keskin E., Levent A., Özsöz M. Ş., Şentürk Z.  
8th International Electrochemistry Meeting (ECM8), Antalya, Turkey, 8 - 11 October 2009, pp.210
- XXXV. **Electrochemical Studies on the Interaction of Palladium(II) and Platinum(II) Schiff Base Complexes with DNA based on Guanine and Adenine Signals**  
Yardıml Y., Çelebi M., Gülcan M., Sönmez M., Şentürk Z.  
8th International Electrochemistry Meeting, Antalya, Turkey, 8 - 11 October 2009, pp.209
- XXXVI. **Determination of vanillin in commercial food product by adsorptive stripping voltammetry using a boron doped diamond electrode**  
Yardıml Y., Gülcan M., Şentürk Z.  
9th International Electrochemistry Meeting (ECM9), İzmir, Turkey, 25 - 29 September 2011, pp.121
- XXXVII. **Electrochemical Behavior and Electroanalytical Determination of Indole-3-Acetic Acid Phytohormone on a Boron-Doped Diamond Electrode**  
Yardıml Y., Erez E.  
9th. International Electrochemistry Meeting in Turkey, İzmir, Turkey, 25 - 29 September 2011, pp.118
- XXXVIII. **Electrochemical behavior of folic acid at a boron-doped diamond electrode and its determination by square-wave adsorptive stripping voltammetry in bulk form and pharmaceutical formulation**  
Yardıml Y., Şentürk Z.  
9th International Electrochemistry Meeting in Turkey (ECM9), İzmir, Turkey, 25 - 29 September 2011, pp.120
- XXXIX. **Voltammetric behavior of indole-3-acetic acid and kinetin at pencil-lead graphite electrode and their simultaneous determination in the presence of anionic surfactant**  
Yardıml Y., Şentürk Z.  
9th International Electrochemistry Meeting in Turkey (ECM9), İzmir, Turkey, 25 - 29 September 2011, pp.119
- XL. **Electrochemical evaluation of mucolytic drug ambroxol at a boron-doped diamond electrode: its adsorptive stripping voltammetric determination enhanced by anionic surfactant in pharmaceuticals and human urine samples.**  
Levent A., Yardıml Y., Şentürk Z.  
9th International Electrochemistry Meeting in Turkey (ECM9), Ankara, Turkey, 25 - 29 September 2011, pp.96

- XLI. Van İli Çevresinde Yetiştirilen Domateslerdeki Bazı Ağır Metal ve Mineral Düzeylerinin AAS ve ICP-MS ile Belirlenmesi**  
LEVENT A., Yardım Y., Zorer Ö.  
Uluslararası Katılımlı XII. Ulusal Spektroskopi Kongresi, Antalya, Turkey, 18 - 22 May 2011, pp.95
- XLII. Van yöresinde yetişen ıřgın (Rheum ribes L.) bitkisindeki bazı ağır metal ve mineral düzeylerinin AAS ile belirlenmesi**  
Yardım Y., Levent A., řentürk Z.  
Uluslararası Katılımlı XII. Ulusal Spektroskopi Kongresi, Antalya, Turkey, 18 - 22 May 2011, pp.108
- XLIII. Polisiklik Aromatik Hidrokarbonlardan Benzo[a]piren'in Bor ile Dope Edilmiş Elmas Elektrot Kullanarak Yüzey Aktif Madde Varlığında Kare-dalga Sıyırma Voltametrisi ile Analizi**  
Yardım Y., Levent A., Keskin E., řentürk Z.  
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.78
- XLIV. Hypericum Perforatum L. (Kantaron Otu) ve DMBA Uygulanmış Ratların Dokularındaki DMBA Düzeyinin HPLC ve Voltametrik Yöntemleri ile Belirlenmesi**  
Yardım Y., Levent A., Ekin S., Keskin E., Oto G., řentürk Z.  
5. Ulusal Analitik Kimya Kongresi, Erzurum, Turkey, 21 - 25 June 2010, pp.92
- XLV. Bitki Hormonlarından Absisik Asidin Katodik Adsorptif Sıyırma Voltametrisi ile Kalem Grafit-Bizmut Film Elektrot Yüzeyinde Tayini**  
Yardım Y.  
5. Ulusal Analitik Kimya Kongresi, Erzurum, Turkey, 21 - 25 June 2010, pp.53
- XLVI. Electrochemical studies on the interaction of palladium (II) and platinum (II) Schiff base complexes with DNA based on guanine and adenine signals**  
Yardım Y., Çelebi M., Gülcan M., Sönmez M., řentürk Z.  
8th International Electrochemistry Meeting (ECM 8), Antalya, Turkey, 8 - 11 October 2009, pp.209
- XLVII. Voltammetric Behavior of Nicotine at Pencil Graphite Electrode and its Enhancement Determination in the Presence of Anionic Surfactant.**  
Levent A., Yardım Y., řentürk Z.  
8th International Electrochemistry Meeting (ECM8), Antalya, Turkey, 8 - 11 October 2009, pp.211
- XLVIII. Determination of Thiourea by Baseline-Corrected Square-Wave Voltammetry at Pencil Graphite Electrode**  
Levent A., Yardım Y., Keskin E., řentürk Z.  
8th International Electrochemistry Meeting (ECM8), Antalya, Turkey, 8 - 11 October 2009, pp.212
- XLIX. Adsorptive Stripping Voltammetry of Potential Carcinogenic Agent, Benzo[a]pyrene at Disposable Pencil Graphite Electrode—Its Quantitative Determination in Human Urine**  
Keskin E., Yardım Y., řentürk Z.  
5th Black Sea Basin Conference on Analytical Chemistry, Ordu, Turkey, 23 - 26 September 2009, pp.16
- L. Adsorptive Stripping Voltammetry of Potential Carcinogenic Agent, 7,12-Dimethylbenz[a]anthracene at Disposable Pencil Graphite Electrode—Its Quantitative Determination in Human Urine**  
Keskin E., Yardım Y., Levent A., řentürk Z.  
ISOPS-9, 9th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 23 - 26 June 2009, pp.57
- LI. 7,12-Dimetilbenz [a]antrasen Uygulanan Ratlarda İz Element ve Mineral Düzeyleri Üzerine Kantaron (Hypericum perforatum L.)'un Etkisinin Araştırılması,**  
Ekin S., Oto G., Yardım Y., LEVENT A., Özgökçe F., Kuşman T.  
23. Ulusal Kimya Kongresi, Cumhuriyet Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Sivas, Turkey, 16 - 20 June 2009, pp.44
- LII. 7,12-dimetilbenz[a]antrasen ve DNA Etkileşmesinin Tek Kullanımlık Elektrokimyasal DNA Biyosensörü ile Adenine Sinyali Üzerinden İncelenmesi**  
Yardım Y., řentürk Z., Özsöz M. ř.  
XXII. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kktc), 6 - 10 October 2008, pp.109
- LIII. Çaldıran-Van Diatomiti: Modifiye Karbon Pasta Elektrot Üzerinde Elektroanalitik Uygulaması**  
Gökırmak Söğüt E., Kılıç N., řentürk Z., Yardım Y.

XXII. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kktc), 6 - 09 October 2008, pp.40

- LIV. **N-Aminopirimidin schiff bazı ve bazı metal kompleksleri-DNA Etkileşiminin diferansiyel puls sıyırma voltametri ile incelenmesi**  
Yardım Y., Şentürk Z., Özsöz M., Çelebi M., Sönmez M.  
IV. Ulusal Analitik Kimya Kongresi, Elazığ, Turkey, 25 - 27 June 2008, pp.56
- LV. **Nergis (Narcissus tazetta) Bitkisindeki DNA İçeriğinin Guanin Sinyali Üzerinden Kare-Dalga Sıyırma Voltametri İle Tayini**  
Yardım Y., Şentürk Z., Özsöz M. Ş., Özdemir K., Atalan E.  
IV. Ulusal Analitik Kimya Kongresi, Elazığ, Turkey, 25 - 27 June 2008, pp.15
- LVI. **THE NATURAL DIATOMITE FROM CALDIRAN-VAN (TURKEY): ELECTROANALYTICAL APPLICATION AT MODIFIED CARBON PASTE ELECTRODE**  
Gökırmak Söğüt E., Kılıç N., Şentürk Z., Yardım Y.  
12. International Conference on Electroanalysis, Praha, Czech Republic, 16 - 19 June 2008, vol.102, no.99, pp.1234-1235
- LVII. **Trace Determination of DNA in an Amaryllidace Plant, Narcissus tazetta, by Square-wave Stripping Voltammetry based on Guanine Signal**  
Yardım Y., Şentürk Z., Özsöz M. Ş., Özdemir K., Atalan E.  
12th International Conference on Electroanalysis, Praha, Czech Republic, 16 - 19 June 2008, vol.102, no.99, pp.180
- LVIII. **Antihipertansif İlaçlardan Asebutolol'ün Polarografik Yöntemle Miktar Tayini**  
Yardım Y., Yeniçeli D., Tunçel M., Şentürk Z.  
II. Ulusal Analitik Kimya Kongresi, Malatya, Turkey, 02 September 2004, pp.128

## Supported Projects

Yardım Y., KIRAN M., Özok H. İ., Yunusoğlu O., Project Supported by Higher Education Institutions, Liyotironin remdesivir rifabutin sefprizol ve umifenovir ilaç etken maddelerinin ilk defa elektroanalitik tayinleri için yöntem geliştirilmesi, 2021 - 2023

Şentürk Z., Talay Pınar P., ALLAHVERDİYEVA S., Yardım Y., Project Supported by Higher Education Institutions, Bazı ilaç etken maddelerin elektroanalitik tayininde bor katkılı elmas elektrotun yüzey aktif madde varlığında performansının araştırılması, 2019 - 2021

Yardım Y., Project Supported by Higher Education Institutions, Bazı ilaç etken maddelerinin elektrokimyasal tayinleri için yöntem geliştirilmesi, 2019 - 2020

Yardım Y., Talay Pınar P., Şentürk Z., Allahverdiyev O., Project Supported by Higher Education Institutions, Yeni nesil ilaçlardan ledipasvir ve tapentadolin bor katkılı elmas elektrot yüzeyinde elektrokimyasal özelliklerinin incelenmesi ve tayinlerine yönelik elektroanalitik yöntem geliştirilmesi, 2019 - 2020

Yardım Y., Project Supported by Higher Education Institutions, Karbon temelli elektrotlar üzerinde bazı önemli kimyasal bileşiklerin tayinlerine yönelik elektroanalitik yöntem geliştirilmesi, 2018 - 2018

Yardım Y., SAKA C., Talay Pınar P., BAYTAR O., ŞAHİN Ö., Project Supported by Higher Education Institutions, Ceviz ve fındık kabuklarından elde edilecek aktif karbonların elektrokapasitör ve elektrot performanslarının incelenmesi ve grafen modifiye elektrotlarla kıyaslamalı olarak antikanser ilaçlardan etipozid ve epirubisin tayinine yönelik yöntem geliştirilmesi, 2017 - 2018

Talay Pınar P., Şentürk Z., Yardım Y., Project Supported by Higher Education Institutions, Kına Boyarmaddesi Lavson Bileşiğinin Grafen Modifiye Karbon Elektrot ile Bor katkılı Elmas Elektrot Üzerindeki Elektrokimyasal Davranışı ve Ticari Örneklerden Voltametri Tayini, 2017 - 2018

Yardım Y., Project Supported by Higher Education Institutions, Bor katkılı elmas elektrot yüzeyinde melatonin ve pridoksinin eşzamanlı tayinine yönelik ve DNA modifiye elektrot yüzeyinde rapamisin'nin tayinine yönelik voltametri yöntemler geliştirilmesi, 2017 - 2017

Yardım Y., Project Supported by Higher Education Institutions, Antikanser ilaçlardan idarubisin'nin karbon temelli elektrotlar üzerinde tayini için voltametri yöntem geliştirilmesi ve DNA ile etkileşimlerinin incelenmesi, 2016 - 2017

Şentürk Z., Yardım Y., Talay Pınar P., Çelebi M., Project Supported by Higher Education Institutions, Grafen Destekli

Paladyum Esaslı Alaşım ve Kabuk@Çekirdek Metal Nanokümelerinin Sentezi, Tanımlanması ve Formik Asitin Elektrokimyasal Yükseltgenmesindeki Elektrokatalitik Performanslarının Belirlenmesi, 2015 - 2017  
Yardım Y., Çelebi M., Şentürk Z., TUBITAK Project, Grafen-modifiye elektrotların ilaçlarda ve gıda örneklerinde iki yeni uygulaması. Bor-katkılı elmas elektrotla kıyası., 2014 - 2017  
Yardım Y., Project Supported by Higher Education Institutions, Kantitatif Analiz Laboratuvar Uygulamaları, 2015 - 2016  
LEVENT A., Yardım Y., Project Supported by Higher Education Institutions, Benzo [k] Florentennin Elektrokimyasal, Kromatografik ve Spektrofotometrik Yöntemlerle Özelliklerinin İncelenmesi ve Miktar Tayini, 2010 - 2016  
KESKİN E., Yardım Y., LEVENT A., Şentürk Z., Project Supported by Higher Education Institutions, Bazı hormonların voltametri ve kromatografi yöntemleri ile özelliklerinin incelenmesi ve miktar tayinleri için yöntem geliştirilmesi, 2013 - 2015  
Yardım Y., Project Supported by Higher Education Institutions, Bitki hormonlarından zeatinin bor ile dope edilmiş elmas elektrot yüzeyinde elektrokimyasal davranışının incelenmesi: Voltametrik yöntem kullanılarak bitki özütlerinde tek başına ya da indol-3-asetik asit ile eşzamanlı tayini., 2012 - 2014  
Şentürk Z., Yardım Y., ÖZSÖZ M. Ş., ATALAN E., SÖNMEZ M., Çelebi M., Özdemir K., Project Supported by Higher Education Institutions, Bazı DNA Hedefli İlaçların ve Bazı Yeni Pirimidin-Metal Komplekslerinin DNA ile Etkileşiminin Elektrokimyasal İncelenmesi, 2007 - 2009

## Scientific Refereeing

Talanta, SCI Journal, October 2018  
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi, National Scientific Refreed Journal, September 2018  
Talanta, SCI Journal, August 2018  
Food Analytical Methods, SCI Journal, April 2018  
Marmara Pharmaceutical Journal , Other Indexed Journal, March 2018  
Talanta, SCI Journal, February 2018  
Electroanalysis, SCI Journal, January 2018  
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, August 2017  
Talanta, SCI Journal, May 2017  
Food Anal. Methods, SCI Journal, March 2017  
Food Chem., SCI Journal, February 2017  
Talanta, SCI Journal, April 2016

## Metrics

Publication: 149  
Citation (WoS): 1232  
Citation (Scopus): 1374  
H-Index (WoS): 23  
H-Index (Scopus): 24

## 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**

Yardıı 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