

Assoc. Prof. Pınar Talay Pınar

Personal Information

Email: ptalay@yyu.edu.tr

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

Address: YÜZÜNCÜ YIL ÜNİVERSİTESİ ECZACILIK FAKÜLTESİ ANALİTİK KİMYA ABD

International Researcher IDs

ORCID: 0000-0003-1027-1456

Publons / Web Of Science ResearcherID: GCG-9433-2022

Yoksis Researcher ID: 158134

Education Information

Doctorate, Van Yüzüncü Yil University, Fen Fakültesi, Kimya/Analitik Kimya, Turkey 2007 - 2013

Postgraduate, Van Yüzüncü Yil University, Fen Fakültesi, Kimya/Analitik Kimya, Turkey 2003 - 2006

Undergraduate, Van Yüzüncü Yil University, Fen Fakültesi, Kimya, Turkey 1998 - 2002

Certificates, Courses and Trainings

Education Management and Planning, 4. İLERİ HÜCRESEL SİNİR BİLİMİ TOPLANTISI/ 3. VOLTAMETRİ KURSU, ERZURUM ÜNİVERSİTESİ TIP FAKÜLTESİ TIBBİ FARMAKOLOJİ ANABİLİM DALI, 2012

Education Management and Planning, TEORİK VE UYGULAMALI HPLC EĞİTİMİ, YYÜ BİLİM UYGULAMA VE ARAŞTIRMA MERKEZİ, 2007

Dissertations

Doctorate, BAZI NÖROKİMYASAL BİLEŞİKLERİN BEYİN DOKUSUNDAN VOLTAMETRİ YÖNTEMİYLE TAYİNİ, Van Yüzüncü Yil University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri/Analitik Kimya A.B.D., 2013

Postgraduate, Antiviral ilaçlardan asiklovir ve valasiklovir'in voltametrik yöntemle miktar tayini, Van Yüzüncü Yil University, Eczacılık Fakültesi, Temel Eczacılık Bilimler/ Analitik Kimya A.B.D., 2006

Research Areas

Basic Pharmaceutics Sciences, Health Sciences, Pharmacology and Therapeutics, Analytical Chemistry, Chemistry, Analytical Chemistry, Electromagnetic Methods, Natural Sciences

Academic Titles / Tasks

Associate Professor, Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Temel Bilimleri, 2020 - Continues

Assistant Professor, Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Temel Bilimleri, 2018 - 2020

Assistant Professor, Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Temel Bilimleri, 2016 - 2018

Research Assistant PhD, Van Yüzüncü Yil University, Fen Fakültesi, Kimya Bölümü, 2013 - 2016

Research Assistant, Van Yüzüncü Yil University, Fen Fakültesi, Kimya Bölümü, 2003 - 2013

Academic and Administrative Experience

Van Yüzüncü Yil University, 2017 - Continues

Advising Theses

Talay Pınar P., Kanser tedavilerinde kullanılan ibrutinib etken maddesinin voltametrik yöntemle tayini, Postgraduate, C.METE(Student), 2023

Talay Pınar P., Sefalosporin grubu ilaçlardan sefotaksim'in bor-katkılı elmas elektrot ile voltametrik tayini, Postgraduate, B.TUNÇ(Student), 2023

Talay Pınar P., Uygun organik fonksiyonel gruplarla nanomalzemelerin sentezlenmesi ve bu nanomalzeme ile modifiye edilen cammsı karbon elektrot ile ibrutinib ilaç etken maddesinin voltametrik tayini, Postgraduate, K.I.S.(Student), 2022

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Van Yüzüncü Yıl Üniversitesi, January, 2024

Post Graduate, Post Graduate, Batman Üniversitesi, January, 2024

Post Graduate, Post Graduate, Batman Üniversitesi, January, 2024

Doctorate, Doctorate, Van Yüzüncü Yıl Üniversitesi, October, 2023

Doctorate, Doctorate, Van Yüzüncü Yıl Üniversitesi, September, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Van Yüzüncü Yıl Üniversitesi, December, 2022

Post Graduate, Post Graduate, Batman Üniversitesi, August, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Van Yüzüncü Yıl Üniversitesi, June, 2022

Post Graduate, Post Graduate, Van Yüzüncü Yıl Üniversitesi, April, 2021

Post Graduate, Tez Savunma Jürisi, Van Yüzüncü Yıl Üniversitesi, June, 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Electrochemical Determination of Anti-Cancer Drug Dabrafenib with High Sensitivity Using Multi-Walled Carbon Nano Tubes Modified Glassy Carbon Electrode**
Mete C., Talay Pınar P.
ChemistrySelect, vol.9, no.23, 2024 (SCI-Expanded)
- II. **The voltammetric determination and electrochemical mechanism of alpha-lipoic acid at a multi-walled carbon nanotube-surfactant modified glassy carbon electrode in the food additive sample**
Yardımcı D. Ö., Pınar P. T.
Journal of Food Measurement and Characterization, 2024 (SCI-Expanded)
- III. **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., Yardımcı Y.
Monatshefte für Chemie, vol.154, no.11, pp.1225-1233, 2023 (SCI-Expanded)
- IV. **The first approach for the simultaneous quantification of isoproterenol, carbendazim, and carbofuran at the surface of a MIL-101(Cr) metal-organic framework-based electrode**
Pınar P. T., Yardımcı Y., Gülcan M., Şentürk Z.
Inorganic Chemistry Communications, vol.156, 2023 (SCI-Expanded)
- V. **Highly selective electrochemical sensor for new generation targeted-anticancer drug Ibrutinib using**

newly synthesized nanomaterial GO-NH-B(OH)₂@AgNPs modified glassy carbon electrode

Amudi K., Yiğit A., Menges N., Talay Pınar P.

Measurement: Journal of the International Measurement Confederation, vol.216, 2023 (SCI-Expanded)

- VI. **First electrochemical investigation of new generation antineoplastic agent ceritinib at a boron-doped diamond electrode based on the pre-enrichment effect of anionic surfactant**
Talay Pınar P., Uzun G., Şentürk Z.
Journal of the Iranian Chemical Society, vol.20, no.7, pp.1729-1742, 2023 (SCI-Expanded)
- VII. **First report for the electrochemical determination and proposed mechanism of poly(ADP ribose) polymerase inhibitor and new smart anticancer drug olaparib**
Göktaş D., Talay Pınar P.
Monatshefte fur Chemie, vol.154, no.6, pp.577-584, 2023 (SCI-Expanded)
- VIII. **Using a Boron-Doped Diamond Electrode in Anionic Surfactant Media as an Improved Electrochemical Sensor for the Anticancer Drug Ibrutinib**
Mete C., Pınar P. T.
ChemistrySelect, vol.8, no.6, 2023 (SCI-Expanded)
- IX. **Nanotube-Boramic Acid Derivative for Dopamine Sensing**
Yigit A., Pınar P., Akınay Y., Alma M. H., Mengeş N.
CHEMISTRYSELECT, vol.6, no.24, pp.6302-6313, 2021 (SCI-Expanded)
- X. **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)
- XI. **Electrochemical and analytical performance of cathodically pretreated boron-doped diamond electrode for the determination of oxazolidinone antibiotic linezolid in cationic surfactant media**
Pınar P. T., Şentürk Z.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.878, 2020 (SCI-Expanded)
- XII. **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)
- XIII. **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)
- XIV. **Simple and sensitive electrochemical determination of higenamine in dietary supplements using a disposable pencil graphite electrode**
Talay Pınar P., Yardım Y., Şentürk Z.
MONATSHEFTE FUR CHEMIE, vol.151, no.3, pp.301-307, 2020 (SCI-Expanded)
- XV. **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)
- XVI. **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)
- XVII. **Electrooxidation and Low-tech Determination of Pantoprazole on a Disposable Pencil Graphite Electrode by the use of Cationic Surfactant**
Talay Pınar P.
ACTA CHIMICA SLOVENICA, vol.67, no.1, pp.212-220, 2020 (SCI-Expanded)

- XVIII. **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)
- XIX. **Analytical Determination of the Oxazolidinone Antibiotic Linezolid at a Pencil Graphite and Carbon Paste Electrodes**
Aydin I., Akgun H., Talay Pınar P.
CHEMISTRYSELECT, vol.4, no.34, pp.9966-9971, 2019 (SCI-Expanded)
- XX. **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)
- XXI. **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)
- XXII. **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)
- XXIII. **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)
- XXIV. **Voltammetric Investigation of Antiviral Drug Valacyclovir at a Boron-Doped Diamond Electrode in Different Electrolyte Media: Its Determination Enhanced by Anionic Surfactant in Pharmaceuticals and Biological Fluids**
Talay Pınar P., Şentürk Z.
CURRENT PHARMACEUTICAL ANALYSIS, vol.13, no.2, pp.175-187, 2017 (SCI-Expanded)
- XXV. **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)

Articles Published in Other Journals

- I. **Electrochemical Oxidation of Ranitidine using a Boron-Doped Diamond Electrode in the Presence of Anionic Surfactant: A Comprehensive Investigation**
SUBAK H., PINAR P. T.
Cumhuriyet Science Journal, vol.45, no.2, pp.249-255, 2024 (Peer-Reviewed Journal)
- II. **Electrochemical Behavior of Janus Kinase Inhibitor Ruxolitinib at a Taurine-Electropolymerized Carbon Paste Electrode: Insights into Sensing Mechanisms**
Subak H., Talay Pınar P.
ACS Applied Bio Materials, vol.7, no.5, pp.3179-3189, 2024 (ESCI)
- III. **Development of a novel electrochemical method for the quantitative analysis of vandetanib in the presence of anionic surfactant utilizing a bare carbon paste electrode**
Talay Pınar P., Mete C., Şentürk Z.
Journal of Research in Pharmacy, vol.28, no.4, pp.1010-1021, 2024 (ESCI)

- IV. **Electrochemical determination of cefotaxime, a cephalosporin group drug, at a boron-doped diamond electrode**
Tunç B., Amudi K., Talay Pınar P.
Journal of Research in Pharmacy, vol.26, no.5, pp.1484-1492, 2022 (Scopus)
- V. **Katyonik Sürfaktan Varlığında Kalem Grafit Elektrot Yüzeyinde Epirubisin'in Sıyırma Voltametrisi ile Miktar Tayini**
Talay Pınar P., Yardım Y.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.20, no.1, pp.19-29, 2020 (Peer-Reviewed Journal)
- VI. **Voltammetric Determination of Antiviral Drug Valacyclovir using a Glassy Carbon Electrode in the Presence of Surfactanti**
Talay Pınar P., Şentürk Z.
Doğu Fen Bilimleri Dergisi, vol.31, no.1, pp.50-59, 2020 (Peer-Reviewed Journal)
- VII. **Determination of Pravastatin in Drug Formulation by Square-wave Voltammetry on a Glassy Carbon Electrode**
Talay Pınar P., Tuluk T., Şentürk Z.
Dokuz Eylül Üniversitesi Fen ve Mühendislik Dergisi, vol.22, no.64, pp.29-35, 2020 (Peer-Reviewed Journal)
- VIII. **Electroanalytical determination of salbutamol in pharmaceutical formulations using cathodically pretreated boron-doped diamond electrode**
Talay Pınar P., Ali H. S., Abdullah A. A., Yardım Y., Şentürk Z.
JOURNAL OF RESEARCH IN PHARMACY, vol.22, no.3, pp.460-468, 2018 (ESCI)
- IX. **Electrochemical Behaviour of Ofloxacin in Pharmaceutical and Biological Samples Using a Boron-Doped Diamond Electrode in Using Anionic Surfactant**
Talay Pınar P.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.31, no.1, pp.66-80, 2018 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Electrochemical Determination of Etodolac in Pharmaceutical Sample Using Boron-Doped Diamond Electrode**
Talay Pınar P.
IV. Uluslararası Bilimsel ve Mesleki Çalışmalar Kongresi – Fen ve Sağlık (BILMES SH 2019), Ankara, Turkey, 7 - 10 November 2019
- II. **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., Yardım Y.
30 PBA (30th International Symposium on Pharmaceutical and Biomedical Analysis), Tel-Aviv-Yafo, Israel, 15 - 18 September 2019
- III. **Sensitive and simple electrochemical determination of higenamine using the pretreated pencil graphite electrode in the dietary supplements.**
Talay Pınar P., Yardım Y., Şentürk Z.
XX. Euroanalysis, İstanbul, Turkey, 1 - 05 September 2019, pp.371
- IV. **Voltammetric Determination of Rosiglitazone at Surfactant Base-Boron Doped Diamond Electrode**
Talay Pınar P.
“3. International Conference on Agriculture, Food, Veterinary and Pharmacy Sciences, Trabzon, Turkey, 16 - 18 April 2019
- V. **THE PERFORMANCE OF POLY(GUANINE) MODIFIED CARBON PASTE ELECTRODE IN ANIONIC SURFACTANT MEDIA FOR ENHANCING THE DETERMINATION OF CODEINE**
Korkmaz S., Talay Pınar P., Şentürk Z.
1st. International Congress on Analytical and Bioanalytical Chemistry, Antalya, Turkey, 27 - 30 March 2019, pp.94-

- VI. **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., Yardım Y., Şentürk Z.
30. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kktc), 5 - 08 November 2018, vol.-, pp.105
- VII. **Determination of Pravastatin in Drug Formulation by Square-Wave Voltammetry on a Glassy Carbon Electrode**
Talay Pınar P., Tuluk T., Şentürk Z.
1st International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 - 27 April 2018, pp.254
- VIII. **Square-Wave Voltammetric Method for Determination of Ferulic Acid using a Boron-doped Diamond Electrode**
Talay Pınar P., Tuluk T., Şentürk Z.
1st International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 - 27 April 2018, pp.893
- IX. **Electrochemical Behavior and Square Wave Voltammetric Determination of Natural Isoflavone Puerarin at a Anodically Pretreated Boron-doped Diamond Electrode**
Özcan Yardım D., Talay Pınar P.
3rd INTERNATIONAL TURKIC WORLD CONFERENCE ON CHEMICAL SCIENCES AND TECHNOLOGIES (3rd ITWCCST), Baku, Azerbaijan, 10 - 13 September 2017, pp.167
- X. **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
- XI. **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.
3rd International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST 2017), Baku, Azerbaijan, 10 - 13 September 2017, pp.129
- XII. **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
- XIII. **Electrochemical behaviour of ranitidine at poly(dopamine) thin film modified carbon pasta electrode in the presence of anionic surfactant: voltammetric determination of biological and pharmaceutical samples**
Talay Pınar P., Şentürk Z.
3rd International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST 2017), Baku, Azerbaijan, 10 - 13 September 2017, vol.-
- 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. **Electrochemical Behavior of Ellagic Acid at a Boron-doped Diamond Electrode and Its Determination by Square-wave Adsorptive Stripping Voltammetry in the Foodstuffs**
YİÇİT 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

- XVI. **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
- XVII. **The Electrochemical Properties of Dopamine and Serotonin Neurotransmitters at a Poly(amino acid) Modified Carbon Paste Electrode: Their Voltammetric Determination in Rat Brain after Microdialysis Sampling**
Talay Pınar P., Korkmaz O., Tunçel N., Şentürk Z.
10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, 29 September - 02 October 2016, pp.11
- XVIII. **Kolesterol düşürücü ilaç grubundan atorvastatin'in poli(rutin)/sümfaktan modifiye camsı karbon elektrot üzerinde voltammetrik tayini: kapiler zon elektroforezi yöntemi ile kıyası**
Talay Pınar P., Gül Dal A., Koyutürk S., Tunçel M., Şentürk Z.
8. Ulusal Analitik Kimya Kongresi, Isparta, Turkey, 29 May - 03 June 2016, pp.90
- XIX. **Voltammetric Determination of Dopamine and Serotonin Neurotransmitters in Rat Brain Microdialysate using a Poly(Glutamic Acid) Carbon Paste Electrode**
Talay Pınar P., Korkmaz O., Tunçel N., Şentürk Z.
26th International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2015), Tbilisi, Georgia, 5 - 08 July 2015, pp.34
- XX. **Voltammetric Determination of Gallic Acid in Red Wine using a Poly(Caffeic Acid) Modified Glassy Carbon Electrode**
Talay Pınar P., Yardım Y., Şentürk Z.
ISOPS-11, 11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 11 June 2015, pp.42
- XXI. **Yem katkı maddesi raktopamin'in bor-katkılı elmas elektrot üzerinde farklı elektrolit ortamında elektrokimyasal davranışı ve biyolojik örneklerle uygulaması tayini**
Talay Pınar P., Yardım Y., Şentürk Z.
7. Ulusal Analitik Kimya Kongresi, Kahramanmaraş, Turkey, 1 - 05 September 2014, pp.263
- XXII. **Dopamin ve serotonin'in poli-glutamik asit modifiye karbon pasta elektrot kullanarak sıçan beyninden toplanan mikrodiyalizat örneklerinde elektrokimyasal tayini**
Talay Pınar P., Şentürk Z., Tunçel N., Korkmaz O.
7. Ulusal Analitik Kimya Kongresi, Kahramanmaraş, Turkey, 1 - 05 September 2014, pp.262
- XXIII. **Epinefrin'in sümfaktan/aminoasit kompozit film modifiye karbon pasta elektrot üzerinde elektrokimyasal davranışı: Biyolojik örneklerden voltammetrik tayini**
Şişman A., Talay Pınar P., Şentürk Z.
7. Ulusal Analitik Kimya Kongresi, Kahramanmaraş, Turkey, 1 - 05 September 2014, pp.17
- XXIV. **Redox Chemistry of Synthetic Purine Derivative Valacyclovir at Glassy Carbon and Boron-doped Diamond Electrodes in Different Electrolyte Media**
Talay Pınar P., Şentürk Z.
10th International Electrochemistry Meeting in Turkey (ECM10), Konya, Turkey, 4 - 08 October 2013, pp.69
- XXV. **Voltammetric Determination of Neurotransmitter Dopamine in Rat Brain Microdialysate at a Carbon Paste Electrode Modified with Poly(Glutamic Acid)**
Talay Pınar P., Şentürk Z., Tunçel N., Korkmaz O.
10th International Electrochemistry Meeting in Turkey (ECM10), Konya, Turkey, 4 - 08 October 2013, pp.133
- XXVI. **Electrochemical Determination of Neurotransmitter Serotonin in Rat Brain Microdialysate using Poly(Glutamic Acid) Modified Carbon Paste Electrode**
Talay Pınar P., Şentürk Z., Tunçel N., Korkmaz O.
XVII European Conference on Analytical Chemistry (17th Euroanalysis 2013), Warszawa, Poland, 25 - 29 September 2013, pp.376
- XXVII. **Voltammetric Behavior of Rutin and its Electroanalytical Determination at a Boron-doped Diamond**

Electrode

Talay Pınar P., Yardım Y., Şentürk Z.

XVII European Conference on Analytical Chemistry (17th Euroanalysis 2013), Warszawa, Poland, 25 - 29 September 2013, pp.643

- XXVIII. **An Electroanalytical Approach for Voltammetric Determination of Antiviral Drug Valacyclovir using Boron-doped Diamond Electrode in Different Electrolyte Media: Comparison with Glassy Carbon Electrode**
Şentürk Z., Talay Pınar P.
6th Black Sea Basin Conference on Analytical Chemistry (6BBCAC), Trabzon, Turkey, 10 - 14 June 2013, pp.69
- XXIX. **Electrooxidation of antiviral drug valacyclovir at a boron-doped diamond electrode: Its determination by differential pulse voltammetry in bulk form and pharmaceutical formulation**
Talay Pınar P., Şentürk Z.
9th International Electrochemistry Meeting in Turkey (ECM9), İzmir, Turkey, 25 - 29 September 2011, pp.93
- XXX. **Migren Tedavisinde Kullanılan İndol Türevi Bileşiklerden Naratriptan'ın Redoks Özelliklerinin İncelenmesi ve Adsorptif Sıyırma Voltametri ile Tayini**
Talay Pınar P., Saka C., Şentürk Z.
5. Ulusal Analitik Kimya Kongresi, Erzurum, Turkey, 21 - 25 June 2010, pp.92
- XXXI. **Voltammetric Studies on the Biogenic Amine, Tyramine: Differential Pulse Voltammetric Determination in Cheese**
Talay Pınar P., Şentürk Z.
8th International Electrochemistry Meeting (ECM8), Antalya, Turkey, 8 - 11 October 2009, pp.163
- XXXII. **Differential Pulse Voltammetry at a Glassy Carbon Electrode for the Determination of Tyramine in Cheese**
Talay Pınar P., Erez M., Pınar S. M., Şentürk Z.
5th Black Sea Basin Conference on Analytical Chemistry, Ordu, Turkey, 23 - 26 September 2009, pp.21
- XXXIII. **Antiviral Etkili Valasiklovir ve Elektroetkin Safsızlığı Guanin'in Camsı Karbon Elektrot Üzerinde Aynı Anda Voltametrik Tayini**
Talay Pınar P., Şentürk Z.
IV. Ulusal Analitik Kimya Kongresi, Elazığ, Turkey, 25 - 27 June 2008, pp.13
- XXXIV. **Pürin Türevi Asiklovir'in Sulu ve Yüzey Aktif Madde İçeren Ortamda Elektrokimyasal Yükseltgenmesi:İlaç Şekillerinde Analitik Uygulaması**
Talay Pınar P., Şentürk Z.
III. Ulusal Analitik Kimya Kongresi, Çanakkale, Turkey, 5 - 07 July 2006, pp.124
- XXXV. **Electrochemical Behaviour of Purine Derivative Acyclovir and its Voltammetric Determination in Aqueous and Micellar Media**
Talay Pınar P., Şentürk Z.
ISOPS-8, 8th International Symposium on Pharmaceutical Sciences , Ankara, Turkey, 13 - 16 June 2006, pp.176
- XXXVI. **Pürin Türevi Valasiklovir'in Sulu ve Yüzey Aktif Madde İçeren Ortamda Elektrokimyasal Yükseltgenmesi**
Şentürk Z., Talay Pınar P.
6.Elektrokimya Günleri, Eskişehir, Turkey, 29 June - 01 July 2005, pp.40
- XXXVII. **Antiviral İlaçlardan Valasiklovir'in Camsı Karbon Elektrot Üzerinde Elektrokimyasal Yükseltgenmesinin İncelenmesi**
Talay Pınar P., Uslu B., Özkan S. A., Şentürk Z.
II. Ulusal Analitik Kimya Kongresi, Malatya, Turkey, 2 - 04 September 2004, pp.71
- XXXVIII. **Electrooxidation of the Antiviral Drug Valacyclovir at Glassy Carbon Electrode in Aqueous and Micellar Media**
Talay Pınar P., Uslu B., Özkan S. A., Şentürk Z.
"ESEAC 2004" 10th International Conference on Electroanalysis, Galway, Ireland, 6 - 10 June 2004, pp.95

Supported Projects

- Gülcan M., Talay Pınar P., TUBITAK Project, Reseptör Tirozin Kinaz İnhibitörlerinden Lenvatinibin Ti3C2Tx-MXene Tabanlı Moleküler Baskılanmış Polimer Modifiye Karbon Elektrot İle Elektroanalitik Yöntem Geliştirilmesi, 2024 - 2025
- Talay Pınar P., METE C., Project Supported by Higher Education Institutions, Tirozin kinaz inhibitörlerinden dabrafenib vandetanib vemurafenib ve ruksolitinibin tayinleri için elektroanalitik yöntem geliştirilmesi, 2022 - 2024
- Talay Pınar P., Yardım Y., Şentürk Z., Gülcan M., Project Supported by Higher Education Institutions, Bazı pestisitlerin elektrokimyasal özelliklerinin incelenmesi için yeni elektrokimyasal sensör tasarımı ve voltametrik tayinleri için yöntem geliştirilmesi, 2019 - 2021
- Şentürk Z., Talay Pınar P., ALLAHVERDİYEVA S., Yardım Y., Project Supported by Higher Education Institutions, Bazı ilaç etken maddelerin elektroanalitik tayininde bor katkılı elmas elektrot un yüzey aktif madde varlığında performansının araştırılması, 2019 - 2021
- Talay Pınar P., Project Supported by Higher Education Institutions, PARP inhibitörü olan olaparib maddesinin katı elektrotlar ile elektrokimyasal analizi, 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
- Talay Pınar P., Project Supported by Higher Education Institutions, Anyonik Sürfaktan İle Modifiye Edilmiş Bor Katkılı Elmas Elektrot Yüzeyinde Ofloksasinin Farmasötik ve Biyolojik Örneklerde Elektrokimyasal Davranışı, 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 Borkatkılı Elmas Elektrot Üzerindeki Elektrokimyasal Davranışı ve Ticari Örneklerden Voltametrik Tayini, 2017 - 2018
- 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
- Talay Pınar P., Şentürk Z., Project Supported by Higher Education Institutions, Epinefrin'in Sürfaktan/Aminoasit Kompozit Film Modifiye Karbon Pasta Elektrot Üzerinde Elektrokimyasal Davranışı: Farmasötik ve Biyolojik Örneklerden Voltametrik Tayini, 2014 - 2016

Activities in Scientific Journals

JOURNAL OF RESEARCH IN PHARMACY, Committee Member, 2022 - Continues

Scientific Refereeing

- JOURNAL OF RESEARCH IN PHARMACY, National Scientific Refreed Journal, March 2024
- MEASUREMENT, Journal Indexed in SCI-E, March 2024
- CHEMISTRYSELECT, Journal Indexed in SCI-E, February 2024
- Project Supported by Higher Education Institutions, BAP Guided, Van Yüzüncü Yil University, Turkey, January 2024
- ACS APPLIED NANO MATERIALS, SCI Journal, December 2023
- JOURNAL OF RESEARCH IN PHARMACY, Journal Indexed in ESCI, October 2023
- INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE, SCI Journal, March 2023
- TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, Journal Indexed in ESCI, March 2023
- ELECTROCATALYSIS, SCI Journal, September 2022
- JOURNAL OF RESEARCH IN PHARMACY, Journal Indexed in ESCI, March 2022

TUBITAK Project, March 2020

Acta Chimica Slovenica, SCI Journal, February 2020

The Turkish Journal of Chemistry , Other Indexed Journal, December 2019

Journal of Research in Pharmacy, National Scientific Refreed Journal, January 2019

Sakarya University Journal of Science, Other Indexed Journal, November 2018

Journal of Research in Pharmacy, Other Indexed Journal, October 2018

Metrics

Publication: 76

Citation (WoS): 249

Citation (Scopus): 302

H-Index (WoS): 9

H-Index (Scopus): 9

Congress and Symposium Activities

33rd International Symposium on Pharmaceutical and Biomedical Analysis, Attendee, Ankara, Turkey, 2023

Van Yüzüncü Yıl Üniversitesi 1. Uluslararası Sağlık Bilimleri Kongresi, Attendee, Van, Turkey, 2022

Van Yüzüncü Yıl Üniversitesi 1. Uluslararası Sağlık Bilimleri Kongresi, Session Moderator, Van, Turkey, 2022

34. Ulusal Kimya Kongresi, Attendee, Yalova, Turkey, 2022

34. Ulusal Kimya Kongresi, Attendee, Yalova, Turkey, 2022

Awards

Talay Pınar P., En iyi poster dalında birincilik ödülü, 30. Ulusal Kimya Kongresi, November 2018

Talay Pınar P., En iyi poster dalında birincilik, 7. Ulusal Analitik Kimya Kongresi, June 2014

Talay Pınar P., Poster Competition Award, 10th International Electrochemistry Meeting, September 2013