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Education Information

Doctorate, Karadeniz Technical University, Sağlık Bilimleri Enstitüsü, Turkey 2016 - 2024
Postgraduate, Karadeniz Technical University, Sağlık Bilimleri Enstitüsü, Analitik Kimya Anabilim Dalı, Turkey 2013 - 2016
Undergraduate, Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 2008 - 2012

Certificates, Courses and Trainings

Project Management, Lisansüstü Öğrencilerin Sağlık Bilimleri Alanında TÜBİTAK için Araştırma Projesi Önerisi Hazırlama ve Yürütme Uygulamalı Eğitimi: Malatya 2018-1, İnönü Üniversitesi, 2018

Dissertations

Doctorate, Determination of Some Antihypertensive Active Substances from Pharmaceutical Dosage Forms and Biological Fluids Using Modified Glassy Carbon Electrodes with Electroanalytical Methods, Karadeniz Technical University, Sağlık Bilimleri Enstitüsü, -, 2024
Postgraduate, Antibakteriyel ilaç sefepimin karbon esaslı elektrotlar ile elektrokimyasal oksidasyonu ve farmasötiklerden ve serumdan kantitatif tayini, Karadeniz Technical University, Sağlık Bilimleri Enstitüsü, Analitik Kimya Anabilim Dalı, 2016

Research Areas

Chemistry, Analytical Chemistry, Electromagnetic Methods, Natural Sciences

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, 2016 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Development of low-cost, fast, and sensitive voltammetric methods for the determination of donepezil using unmodified carbon paste electrode**
ÖZTÜRK G., Sofu U., KUL D.
MONATSHEFTE FUR CHEMIE, 2024 (SCI-Expanded)

II. **Development of Highly Sensitive Voltammetric Methods for the Determination of Antihistamine Drug Cetirizine Using A Poly(Bromocresol Purple) Film-Based Electrochemical Sensor**
Sofu U., ÖZTÜRK G., REİS H. A., ERDEMİR F., KUL D.
ANALYTICAL LETTERS, 2024 (SCI-Expanded)

III. **Electroanalytical Investigation of 2-(2-Methylbenzyl)-4(7)-phenyl-1H-benzo[d]imidazole, a Novel Benzimidazole Derivative**
Ağın F., Öztürk G., Doğan İ. S., Kahveci B., Kul D.
CHEMISTRYSELECT, vol.8, no.41, 2023 (SCI-Expanded)

IV. **Electrochemical Analysis of Antipsychotic Drug Quetiapine Fumarate Using Multi-walled Carbon Nanotube Modified Glassy Carbon Electrode**
Kaynar B., ÖZTÜRK G., KUL D.
ELECTROANALYSIS, vol.35, no.3, 2023 (SCI-Expanded)

V. **Comparison of carbon paste and boron-doped diamond electrodes for determination of cefepime in pharmaceutical dosage forms and biological samples**
ÖZTÜRK G., KUL D.
Diamond and Related Materials, vol.131, 2023 (SCI-Expanded)

VI. **Voltammetric analysis of ephedrine in pharmaceutical dosage forms and urine using poly(Nile blue A) modified glassy carbon electrode**
AĞIN F., ÖZTÜRK G., KUL D.
COMBINATORIAL CHEMISTRY AND HIGH THROUGHPUT SCREENING, vol.24, no.3, pp.366-375, 2021 (SCI-Expanded)

VII. **Electroanalytical Analysis of Guaifenesin on Poly(Acridine Orange) Modified Glassy Carbon Electrode and its Determination in Pharmaceuticals and Serum Samples**
Isik H., ÖZTÜRK G., AĞIN F., KUL D.
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.24, no.3, pp.376-385, 2021 (SCI-Expanded)

VIII. **A lab-on-a-tip approach to make electroanalysis user-friendly and decentralized: Detection of copper ions in river water**
Cinti S., Mazzaracchio V., Orturk G., Moscone D., Arduini F.
ANALYTICA CHIMICA ACTA, vol.1029, pp.1-7, 2018 (SCI-Expanded)

IX. **Poly(Methyl Red) Modified Glassy Carbon Electrodes: Electrosynthesis, Characterization, and Sensor Behavior**
KUL D., Ozturk G.
ELECTROANALYSIS, vol.29, no.7, pp.1721-1730, 2017 (SCI-Expanded)

Articles Published in Other Journals

I. **Electroanalytical Analysis of Guaifenesin from Pharmaceuticals on Boron Doped Diamond Electrode**
Ağın F., Öztürk G., Kul D.
Turkish Journal of Analytical Chemistry (Online), vol.4, no.2, pp.88-93, 2022 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Development of A New Polymer-Based Electrochemical Sensor for Analysis of Melatonin and Its Determination from Pharmaceuticals and Biological Samples**
Sofu Akdağ Ü., Öztürk G., Kul D.

14 th International Symposium on Pharmaceutical Sciences (ISOPS-14), Ankara, Turkey, 25 - 28 June 2024

II. **Voltammetric Determination of Terazosin HCl from Pharmaceutical Dosage Forms Using Poly(Allura Red AC) Modified Glassy Carbon Electrode**
Şişman E., Öztürk G., Ağın F., Kul D.
14th International Symposium on Pharmaceutical Sciences (ISOPS-14) , Ankara, Turkey, 25 - 28 June 2024

III. **Electrochemical Analysis of Melatonin on Poly(Bromocresol Purple) Modified Glassy Carbon Electrode and Its Determination from Pharmaceuticals**
SOFU AKDAĞ Ü., ÖZTÜRK G., KUL D.
12th Aegean Analytical Chemistry Days, İstanbul, Turkey, 19 - 22 October 2023

IV. **Electrochemical Determination of Rosmarinic Acid from Origanum Minutiflorum and Origanum Micranthum Extracts Using Boron-Doped Diamond Electrode**
ŞİŞMAN E., ÖZTÜRK G., SUBAŞ T., ÖZGEN U., SEZEN KARAOĞLAN E., AĞIN F., KUL D.
12th Aegean Analytical Chemistry Days, İstanbul, Turkey, 19 - 22 October 2023

V. **Electrochemical Determination of Alfuzosin Hydrochloride from Pharmaceutical Dosage Forms Using Poly(Allura Red AC) Modified Glassy Carbon Electrode**
ŞİŞMAN E., ÖZTÜRK G., AĞIN F., KUL D.
International Multidisciplinary Symposium on Drug Research and Development - DRD 2023, İzmir, Turkey, 4 - 06 May 2023

VI. **Araştırma Projesi Dersinin İzleminde Belge Yönetimi**
Öztürk G., Sellitepe H. E., Doğan İ. S.
III. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Eskişehir, Turkey, 17 - 19 November 2021, pp.56-57

VII. **Electroanalytical Analysis of Guaifenesin on Poly(acridine orange) Modified Glassy Carbon Electrode and Its Determination in Pharmaceuticals and Serum Samples**
IŞIK H., AĞIN F., ÖZTÜRK G., KUL D.
13. International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 20 June 2021

VIII. **Voltammetric Studies on The Antibiotic Drug Cefprozil Using A Glassy Carbon Electrode**
ÖZTÜRK G., KUL D., KİRAZ B., YARTAŞI B., AĞIN F.
13. International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 22 June 2021

IX. **Guaifenesinin Bor Katkılı Elmas Elektrot ile Voltametrik Analizi ve Farmasötik Dozaj Formundan ve Serumdan Tayini**
ÖZTÜRK G., ÖZDEMİR E., BUDAK B., AĞIN F., KUL D.
31. Ulusal Kimya Kongresi, Turkey, 10 - 13 September 2019

X. **VOLTAMMETRIC ANALYSIS OF GUAIFENESIN WITH BORON DOPED DIAMOND ELECTRODE AND ITS DETERMINATION FROM PHARMACEUTICAL DOSAGE FORM**
ÖZTÜRK G., AĞIN F., BUDAK B., ÖZDEMİR E., KUL D.
Euroanalysis XX Conference, 1 - 05 September 2019

XI. **Voltammetric Determination of An Antifungal Drug From Pharmaceutical Dosage Forms Using Modified Glassy Carbon Electrodes**
ÖZTÜRK G., KUL D.
12th Symposium on Pharmaceutical Sciences, 26 - 29 June 2018

XII. **Voltammetric Determination of Ephedrine on Poly (Nile Blue) Modified Glassy Carbon Electrode in Pharmaceutical Dosage Forms and Urine Samples**
AĞIN F., ÖZTÜRK G., KUL D.
12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018

XIII. **VOLTAMMETRIC DETERMINATIONOF CETIRIZINE IN PHARMACEUTICALS BYDIFFERENTIAL PULSE AND SQUARE WAVEVOLTAMMETRIC METHODS**
SOFU Ü., İFŞAT Z. D., ÖZTÜRK G., KUL D.
12th International Symposıum on Pharmaceutical Sciences, 26 - 29 June 2018

XIV. **Differential Pulse Voltammetric Determination of Terbinafine in Pharmaceuticals using Bromocresol Purple Modified Glassy Carbon Electrode**
ÖZTÜRK G., KUL D.

3rd International Multidisciplinary Symposium on Drug Research and Development, Erzurum, Turkey, 5 - 07 October 2017, pp.63

XV. **Electroanalytical determination of donepezil from pharmaceuticals and serum using carbon paste electrode**
ÖZTÜRK G., KUL D.
3.İLAÇ VE ECZACILIK KONGRESİ, İstanbul, Turkey, 26 - 29 April 2017, pp.779

XVI. **Efedrinin poli (Nil mavisi) ile modifiye edilmiş camsı karbon elektrot ile voltametrik analizi, farmasötik dozaj formundan tayini**
AĞIN F., ÖZTÜRK G., KUL D.
I. Ulusal Marmara Eczacılık Kongresi, İstanbul, Turkey, 3 - 05 November 2016

XVII. **Antibakteriyel İlaç Sefepimin Karbon Esaslı Elektrotlar ile Elektrokimyasal Oksidasyonu ve Farmasötiklerden ve Serumdan Kantitatif Tayini**
ÖZTÜRK G., KUL D.
8. Ulusal Analitik Kimya Kongresi, Isparta, Turkey, 30 May - 03 June 2016

XVIII. **Electrochemical oxidation of antibacterial drug cefepime and its quantitative determination from pharmaceuticals and serum with carbon based electrodes**
ÖZTÜRK G., KUL D.
11th INTERNATIONAL SYMPOSIUM ON PHARMACEUTICAL SCIENCES, Ankara, Turkey, 9 - 12 June 2015

Supported Projects

Gökgöz İ., Öztürk G., TUBITAK Project, Antihipertansif İlaç Telmisartanın Elektrokimyasal Analiz Çalışmaları İçin En Uygun Çözelti Ortamının Araştırılması, 2024 - 2025
Arslan E., Öztürk G., TUBITAK Project, İndol Türevi Yeni Bir Bileşiğin Voltametrik Analizi İçin Optimum Koşulların Belirlenmesi, 2022 - 2023
ÖZGEN U., SEZEN KARAOĞLA E., AĞIN F., KUL D., DOĞAN İ. S., TÜRK S., BADEM M., ÖZTÜRK G., ŞENER S. Ö., ŞİŞMAN E., Project Supported by Higher Education Institutions, Origanum minutiflorum ve Origanum micranthumdan elde edilen ekstrelerde rosmarinik asidin spektrofotometrik ve elektrokimyasal analizi, 2022 - 2023
AĞIN F., ÖZTÜRK G., KUL D., ŞİŞMAN E., Project Supported by Higher Education Institutions, Modifiye edilmiş camsı karbon elektrot kullanılarak alfa-1 adrenerjik antagonistlerin elektrokimyasal analizi, 2018 - 2022
AĞIN F., KUL D., ÖZTÜRK G., HADİMLİ N. S., Project Supported by Higher Education Institutions, Poliakridin turuncusu modifiye camsı karbon elektrot ile guaifenesinin voltametrik analizi, 2018 - 2019

Metrics

Publication: 28
Citation (WoS): 39
Citation (Scopus): 53
H-Index (WoS): 3
H-Index (Scopus): 4

Awards

Öztürk G., En İyi Poster Bildiri İkincilik Ödülü, 8. Ulusal Analitik Kimya Kongresi, May 2016

Non Academic Experience

University of Rome Tor Vergata