

Prof. DİLEK KUL

Personal Information

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International Researcher IDs

ORCID: 0000-0002-8665-9417

Publons / Web Of Science ResearcherID: AAS-8496-2020

ScopusID: 14829040600

Yoksis Researcher ID: 60053

Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Kimya / Fizikokimya, Turkey 2000 - 2006

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Kimya / Fizikokimya, Turkey 1997 - 2000

Undergraduate, Karadeniz Technical University, Fen-Edebiyat Fakültesi, Kimya, Turkey 1993 - 1997

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Education Management and Planning, Öğreticilerin Eğitimi Sertifika Programı, Trabzon Üniversitesi, 2019

Education Management and Planning, Akademik Düzeyde Araştırma Projesi Hazırlama Eğitimi, TÜBİTAK, 2015

Education Management and Planning, Elektrokimyasal Empedans Spektroskopisi Çalıştayı, Referans Kimya, 2012

Dissertations

Doctorate, POLİ(ETİLEN OKSİT) MERKEZLİ VE POLİ(tert-BUTİL AKRİLAT) KABUKLU YILDIZ-ŞEKİLLİ BLOK KOPOLİMERLERİN SENTEZİ VE MİSEL ÖZELLİKLERİNİN İNCELENMESİ, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Kimya / Fizikokimya, 2006

Postgraduate, MONO (t-BuBP) VE TETRA BROMOMETİL BENZOİL PEROKSİTLER (BDBP) / ZnCl₂ BAŞLATICI SİSTEMİ İLE TETRAHİDROFURANIN (THF) KATYONİK POLİMERİZASYONU, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Kimya / Fizikokimya, 2000

Research Areas

Pharmacology and Therapeutics, Basic Pharmaceutics Sciences, Analytical Chemistry, Chemistry, Electromagnetic Methods, Pharmaceutical Analysis, Sensors, Spectroscopical Methods, Polymeric Films, Health Sciences, Natural Sciences

Academic Titles / Tasks

Professor, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, 2021 - Continues
Associate Professor, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, 2017 - 2021
Assistant Professor, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, 2007 - 2017
Instructor, Karadeniz Technical University, Fen Fakültesi, Kimya, 2005 - 2007
Research Assistant, Karadeniz Technical University, Fen Fakültesi, Kimya, 1998 - 2005

Academic and Administrative Experience

Faculty Management Board Member, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, 2024 - Continues
Head of Department, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, 2023 - Continues
Erasmus Coordinator, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, 2016 - Continues
Farabi Coordinator, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, 2016 - Continues
Institute Board Member, Karadeniz Technical University, Sağlık Bilimleri Enstitüsü, 2018 - 2024
Member of University Quality Commission, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, 2021 - 2023
Fakülte Kurulu Üyesi, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, 2019 - 2021
Vice Dean, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, 2018 - 2021
Fakülte Yönetim Kurulu Üyesi, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, 2017 - 2021
Head of Department, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, 2017 - 2020
Head of Department, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, 2011 - 2014

Courses

İlaç Analizlerinde Spektroskopik Yöntemler, Undergraduate, 2024 - 2025
Analitik Kimya-II, Undergraduate, 2021 - 2022
Elektrokimyasal Yöntemlerle İlaç Tayini, Undergraduate, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018
Elektrokimyasal Yöntem Geliştirme ve Eczacılıktaki Uygulamaları, Doctorate, 2021 - 2022
Analitik Kimya-I, Undergraduate, 2021 - 2022
Polimerler ve İlaç Taşıyıcı Sistemlerde Kullanımı, Undergraduate, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018
Araştırma Projesi Dersi-II, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
Genel Kimya-I, Undergraduate, 2021 - 2022
Araştırma Projesi Dersi-I, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
Analitik Kimyada Validasyon ve Akreditasyon, Doctorate, 2021 - 2022, 2017 - 2018, 2015 - 2016
Doktora Tezi, Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
Genel Kimya-II, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
Seminer, Doctorate, 2018 - 2019, 2016 - 2017
Biyosensörler ve Eczacılıktaki Uygulamaları, Doctorate, 2018 - 2019, 2017 - 2018
Capillary Electrophoresis and Applications in Analytical Chemistry, Doctorate, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2014 - 2015
Modified Electrodes, Doctorate, 2018 - 2019, 2016 - 2017, 2014 - 2015
Literature Research and Scientific Presentation in Pharmacy, Postgraduate, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2013 - 2014, 2012 - 2013
Eczacılıkta Analiz Yöntemleri, Postgraduate, 2016 - 2017, 2012 - 2013

Polimer Kimyasına Giriş, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015
İlaç Analizlerinde Elektroanalitik Yöntemler, Postgraduate, 2017 - 2018, 2013 - 2014, 2012 - 2013
Yüksek Lisans Tezi, Postgraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
Elektrokimyasal Sensörler Lab., Doctorate, 2014 - 2015
Seminer, Postgraduate, 2013 - 2014, 2012 - 2013
İlaç Analizlerinde Elektroanalitik Yöntemler Uygulama, Postgraduate, 2013 - 2014
Voltametri ve Polarografiye Giriş, Postgraduate, 2013 - 2014
Eczacılıkta Fizikokimya, Doctorate, 2014 - 2015

Advising Theses

Kul D., Determination of Some Antihypertensive Active Substances from Pharmaceutical Dosage Forms and Biological Fluids Using Modified Glassy Carbon Electrodes with Electroanalytical Methods, Doctorate, G.ÖZTÜRK(Student), 2024
Kul D., Yeni Nesil Elektrokimyasal Sensörlerin Hazırlanması ve Bazı Sefalosporin Grubu Antibiyotiklerin Elektroanalitik Analizlerinde Kullanımı, Doctorate, B.KAYNAR(Student), 2021
Kul D., Antibakteriyel ilaç sefepimin karbon esashı elektrotlar ile elektrokimyasaloksidasyonu ve farmasötiklerden ve serumdan kantitatif tayini, Postgraduate, G.ÖZTÜRK(Student), 2016
Kul D., Antipsikotik İlaç Ketiapin Fumaratın Karbon Nanotüp Modifiyeli Camı Karbon Elektrot ile Elektrokimyasal Analizi, Postgraduate, B.KAYA(Student), 2014

Jury Memberships

Doctorate, Doctorate, Karadeniz Teknik Üniversitesi, November, 2021
Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, February, 2021
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Karadeniz Teknik Üniversitesi, October, 2017
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Karadeniz Teknik Üniversitesi, December, 2015
Post Graduate, Tez Savunma Jürisi, KTÜ, 2014, Karadeniz Teknik Üniversitesi, June, 2014
Post Graduate, Tez Savunma Jürisi, K.T.Ü., 2014, Karadeniz Teknik Üniversitesi, May, 2014
Post Graduate, Tez Savunma Jürisi, Ankara Üniv., 2011, Ankara Üniversitesi, August, 2011

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 FÜR CHEMIE, vol.155, no.12, pp.1159-1167, 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-1*H*-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. **Voltammetric Analysis of Atypical Antipsychotic Drugs with Solid Electrodes**
KUL D.
CURRENT ANALYTICAL CHEMISTRY, vol.15, no.3, pp.240-248, 2019 (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)
- X. **Sensitive and selective determination of tolterodine tartrate and its electrochemical investigation on solid carbon based electrodes**
Kul D.
JOURNAL OF ANALYTICAL CHEMISTRY, vol.69, no.10, pp.970-981, 2014 (SCI-Expanded)
- XI. **Poly(acridine orange)-modified glassy carbon electrodes: electrosynthesis, characterisation and sensor application with uric acid**
KUL D., Dogan-Topal B., Ozkan S. A., Uslu B.
JOURNAL OF APPLIED ELECTROCHEMISTRY, vol.44, no.7, pp.831-840, 2014 (SCI-Expanded)
- XII. **Electrochemical Investigation and Determination of Levodopa on Poly(Nile Blue-A)/Multiwalled Carbon Nanotube Modified Glassy Carbon Electrodes**
KUL D., Brett C. M. A.
ELECTROANALYSIS, vol.26, no.6, pp.1320-1325, 2014 (SCI-Expanded)
- XIII. **A novel amperometric sensor for ascorbic acid based on poly(Nile blue A) and functionalised multi-walled carbon nanotube modified electrodes**
Kul D., Emilia Ghica M., Pauliukaite R., Brett C. M. A.
TALANTA, vol.111, pp.76-84, 2013 (SCI-Expanded)
- XIV. **Electrosynthesis and characterisation of poly(Nile blue) films**
Kul D., Pauliukaite R., Brett C. M. A.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.662, no.2, pp.328-333, 2011 (SCI-Expanded)
- XV. **Anodic behaviour of fulvestrant and its voltammetric determination in pharmaceuticals and human serum on highly boron-doped diamond electrode using differential pulse adsorptive stripping voltammetry**
Dogan-Topal B., KUL D., Ozkan S. A., Uslu B.
JOURNAL OF APPLIED ELECTROCHEMISTRY, vol.41, no.11, pp.1253-1260, 2011 (SCI-Expanded)
- XVI. **ELECTROCHEMICAL DETERMINATION OF ANTI-HYPERLIPIDEMIC DRUG EZETIMIBE BASED ON ITS OXIDATION ON SOLID ELECTRODES**
KUL D., Uslu B., Ozkan S. A.
ANALYTICAL LETTERS, vol.44, no.7, pp.1341-1357, 2011 (SCI-Expanded)
- XVII. **Electroanalytical characteristics of antipsychotic drug ziprasidone and its determination in**

pharmaceuticals and serum samples on solid electrodes

KUL D., Gumustas M., Uslu B., Ozkan S. A.

TALANTA, vol.82, no.1, pp.286-295, 2010 (SCI-Expanded)

- XVIII. **High-Performance Liquid Chromatographic and First Derivative of the Ratio Spectrophotometric Determination of Amlodipine and Valsartan in Their Binary Mixtures**
KUL D., Dogan-Topal B., Kutucu T., Uslu B., Ozkan S. A.
JOURNAL OF AOAC INTERNATIONAL, vol.93, no.3, pp.882-890, 2010 (SCI-Expanded)
- XIX. **Encapsulation and release by star-shaped block copolymers as unimolecular nanocontainers**
KUL D., Van Renterghem L. M., Meier M. A. R., Strandman S., Tenhu H., YILMAZ Ş., Schubert U. S., Du Prez F. E.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, vol.46, no.2, pp.650-660, 2008 (SCI-Expanded)
- XX. **Synthesis of a novel crosslinked superabsorbent copolymer with diazacyclooctadecane crown ether and its sorption capability**
Yilmaz S., Kul D., Erdol M., OZDEMIR M., Abbasoglu R.
EUROPEAN POLYMER JOURNAL, vol.43, no.5, pp.1923-1932, 2007 (SCI-Expanded)
- XXI. **Synthesis of novel macromonomeric peroxy initiators of styrene with the cationic copolymerization and the quantum chemically investigation of the initiation system effects**
Kul D., Yilmaz S. S., Ozturk T., Usta A., Misir M.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.102, no.1, pp.348-357, 2006 (SCI-Expanded)
- XXII. **Viscosity behaviour of poly (caprolacton-dimethyl methacrylate)/poly(ethylene glycol) blends in various solvents**
Yilmaz S. S., Kul D., Usta A., Ozturk T., Misir M.
INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY, vol.45, no.9, pp.2031-2034, 2006 (SCI-Expanded)
- XXIII. **Initiation system effects in the cationic copolymerization of tetrahydrofuran (THF)**
Kul D., Volga C., Yilmaz S., HAZER B.
POLYMER BULLETIN, vol.49, no.1, pp.25-32, 2002 (SCI-Expanded)

Articles Published in Other Journals

- I. **Determination of neonicotinoid pesticides nitenpyram and dinotefuran by electroanalytical methods**
Kul D.
Exploration of Foods and Foodomics, vol.1, pp.258-271, 2023 (Peer-Reviewed Journal)
- II. **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)
- III. **Electrochemical Determination of Rifampicin Based on Its Oxidation Using Multi-Walled Carbon Nanotube-Modified Glassy Carbon Electrodes**
KUL D.
Turkish Journal of Pharmaceutical Sciences, vol.17, no.4, pp.398-407, 2020 (ESCI)
- IV. **Voltammetric analysis of class II antiarrhythmic drugs propranolol and acebutolol**
KUL D., AĞIN F.
Turkish Journal of Analytical Chemistry, vol.2, no.1, pp.37-46, 2020 (Peer-Reviewed Journal)
- V. **Numune Hazırlama Tekniklerinde Yeni Yaklaşımlar**
KUL D., ŞATANA KARA H. E., NEMUTLU E.
Türk Farmakope Dergisi, vol.3, no.3, pp.42-62, 2018 (Peer-Reviewed Journal)
- VI. **Electroanalytical characterisation of dopa decarboxylase inhibitors carbidopa and benserazide on multiwalled carbon nanotube and poly(Nile blue A) modified glassy carbon electrodes**
KUL D., BRETT C. M.
International Journal of Electrochemistry, no.2011, pp.1-7, 2011 (ESCI)
- VII. **Differential pulse voltammetric determination of fulvestrant in pharmaceutical dosage forms and**

serum samples

KUL D., Dogan-Topal B., Ozkan S. A., Uslu B.

International Journal of Electrochemistry, no.2011, pp.1-7, 2010 (ESCI)

Books & Book Chapters

- I. **Türk Farmakopesi 2023**
Özkan S. A., Süslü İ., Nemutlu E., Kul D., Şatana Kara H. E., Sağırılı A. O.
T.C. Sağlık Bakanlığı Türkiye İlaç ve Tıbbi Cihaz Kurumu, Ankara, 2023
- II. **Modification of Solid Electrodes by Electrochemical Polymerization and Their Use as (Bio)Sensors**
Kul D., Uslu B., Özkan S. A.
in: Advances in Materials Science Research, Maryann C. Wythers, Editor, NOVA Science Publishers Inc. , New York, pp.1-100, 2022
- III. **Türk Farmakopesi 2017**
Uslu B., Sağırılı A. O., Süslü İ., Günden Göğeri N., Özkan S. A., Kul D., Doğan Topal B., Arıksoysal D., Nemutlu E., Şener E., et al.
T. C. Sağlık Bakanlığı Türkiye İlaç ve Tıbbi Cihaz Kurumu, Ankara, 2018

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., Ađın 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., AĐIN 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., AĐIN F., KUL D.
International Multidisciplinary Symposium on Drug Research and Development - DRD 2023, İzmir, Turkey, 4 - 06 May 2023
- VI. **Voltammetric Studies on The Antibiotic Drug Cefprozil Using A Glassy Carbon Electrode**
ÖZTÜRK G., KUL D., KIRAZ B., YARTAŞI B., AĐIN F.
13. International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 22 June 2021
- VII. **Electroanalytical Study of A New Isatin Schiff Base Compound**
Kul D., Öztürk G., Ađın F., Dođan İ. S.
13th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 24 - 26 June 2021, pp.25-28
- VIII. **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

- IX. **Electroanalytical Study of a Novel Benzimidazole Derivative Compound, 2-methyl-4(7)-phenyl-1H-benzo[D]imidazole**
DOĞAN İ. S., KUL D.
5th International Turkic World Conference on Chemical Sciences and Technologie, 25 - 27 October 2019
- X. **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
- XI. **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
- XII. **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
- XIII. **ELECTROANALYTICAL STUDY OF A NOVEL BENZIMIDAZOLE DERIVATIVE COMPOUND, 2-(2-(METHYLBENZYL)-4(7)-PHENYL-1-H-BENZO[D]IMIDAZOLE**
KUL D., DOĞAN İ. S., AĞIN F.
11th Aegean Analytical Chemistry Days, 25 - 29 September 2018
- XIV. **VOLTAMMETRIC DETERMINATION OF CETIRIZINE IN PHARMACEUTICALS BY DIFFERENTIAL PULSE AND SQUARE WAVE VOLTAMMETRIC METHODS**
SOFU Ü., İFŞAT Z. D., ÖZTÜRK G., KUL D.
12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018
- XV. **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
- XVI. **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
- XVII. **Antibakteriyel ilaç rifampisin'in karbon nanotüp modifiyeli camı karbon elektrot ile yükseltgenme yönündeki elektrokimyasal analizi**
KUL D.
1. Anadolu Üniversitesi Eczacılık Fakültesi Sempozyumu (ANES), Eskişehir, Turkey, 1 - 02 June 2017, pp.40
- XVIII. **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
- XIX. **Efedrinin poli (Nil mavisi) ile modifiye edilmiş camı 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
- XX. **Efedrinin poli Nil mavisi ile modifiye edilmiş camı karbon elektrot ile voltametrik analizi farmasötik dozaj formundan tayini**
AĞIN F., ÖZTÜRK G., KUL D.
1. Ulusal Marmara Eczacılık Kongresi, İstanbul, Turkey, 3 - 05 November 2016

- XXI. **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
- XXII. **Elektroaktif Poli Akridin Turuncusu Polimer Filmlerinin Sentezi Karakterizasyonu ve Sensör Uygulaması**
KUL D., DOĞAN TOPAL B., ÖZKAN S. A., USLU B.
8. Ulusal Analitik Kimya Kongresi, Isparta, Turkey, 30 May - 03 June 2016
- XXIII. **Elektroaktif Poli Metil Kırmızısı Polimer Filmlerinin Elektrokimyasal Sentezi Karakterizasyonu ve Sensör Uygulaması**
KUL D.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015
- XXIV. **Antipsikotik İlaç Ketiapin Fumaratın Karbon Nanotüp Modifiyeli Camsı Karbon Elektrot İle Elektrokimyasal Analizi**
KAYA B., KUL D.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015
- XXV. **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
- XXVI. **Electrosynthesis Characterisation and Sensor Application of Poly Methyl Red Electroactive Polymer Films**
KUL D.
11th International Symposium of Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 June 2015
- XXVII. **Electrochemical Analysis of Antipsychotic Drug Quetiapine Fumarate at Carbon Nanotubes Modified Glassy Carbon Electrodes**
KAYA B., KUL D.
11th International Symposium of Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 June 2015
- XXVIII. **Anodic Behaviour and Voltammetric Determination of Levodopa on Poly Nile Blue A and Multiwalled Carbon Nanotube Modified Glassy Carbon Electrodes**
KUL D.
6th Black Sea Basin Conference on Analytical Chemistry, Trabzon, Turkey, 10 - 14 September 2013
- XXIX. **Anodic Behaviour and Voltammetric Determination of Carbidopa and Benserazide on Multiwalled Carbon Nanotube and Poly Nile Blue A Modified Glassy Carbon Electrodes**
KUL D., BRETT C. M.
10th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2012
- XXX. **Electrochemical Studies of Tolterodine Tartrate in Pharmaceuticals on Glassy Carbon and Boron Doped Diamond Electrodes**
KUL D.
10th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2012
- XXXI. **Multi Walled Carbon Nanotube Poly Nile Blue Modified Glassy Carbon Electrode as Ascorbic Acid Sensor**
KUL D., PAULIUKAITE R., BRETT C. M.
The 9th Spring Meeting of the International Society of Electrochemistry (ISE), Turku, Finland, 8 - 11 May 2011
- XXXII. **Polymerisation and Characterisation of Poly Nile Blue as Potential Redox Mediator**
KUL D., PAULIUKAITE R., BRETT C. M.
The 61st Annual Meeting of the International Society of Electrochemistry (ISE), Nice, France, 26 September - 01 October 2010
- XXXIII. **Selective Electrochemical Behavior of Antipsychotic Drug Ziprasidone in Pharmaceutical Dosage Form and Serum Samples on Solid Electrodes**
KUL D., USLU B., ÖZKAN S. A.

- 13th International Conference on Electroanalysis (ESEAC), Gijon, Spain, 20 - 24 June 2010
- XXXIV. **Electrochemical Studies of Fulvestrant in Pharmaceuticals and Serum on Glassy Carbon Electrode Using Square Wave and Differential Pulse Voltammetry**
KUL D., DOĞAN TOPAL B., ÖZKAN S. A., USLU B.
8th International Electrochemistry Meeting in Turkey, Antalya, Turkey, 8 - 11 October 2009
- XXXV. **High Performance Liquid Chromatographic Determination of Amlodipine and Valsartan in Their Binary Mixtures**
KUL D., DOĞAN TOPAL B., KUTUCU T., USLU B., ÖZKAN S. A.
9th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 23 - 26 June 2009
- XXXVI. **Electroanalytical Determination of Fulvestrant in Pharmaceutical Formulations on Boron Doped Diamond Electrode Using Differential Pulse Adsorptive Stripping Voltammetry**
DOĞAN TOPAL B., KUL D., ÖZKAN S. A., USLU B.
International Symposium on Drug Research & Development, Ankara, Turkey, 4 - 07 April 2009
- XXXVII. **PEO Merkez ve PtBA Kabuklu Yıldız Şekilli Blok Kopolimerlerin ATRP ile Sentezi ve Özellikleri**
KUL D., VAN RENTERGHEM L., SAVAŞKAN YILMAZ S., DU PREZ F.
I. Ulusal Polimer Bilim ve Teknoloji Kongresi ve Sergisi, Ankara, Turkey, 21 - 23 June 2006
- XXXVIII. **Star Shaped Block Copolymers with a PEO Core and a PtBA Shell**
KUL D., VAN RENTERGHEM L., SAVAŞKAN YILMAZ S., DU PREZ F.
BPG Annual Meeting, La Roche en Ardenne, Belgium, 19 - 20 May 2005
- XXXIX. **Katyonik Polimerizasyon ile Poli THF EPH İçeren Makroperoksi İimerlerin Sentezi**
MISIR M., ÖZTÜRK T., VOLGA C., KUL D., SAVAŞKAN YILMAZ S., HAZER B.
XVIII. Ulusal Kimya Kongresi, Kars, Turkey, 5 - 09 July 2004
- XL. **Metil Metakrilatın BBP CuCl Başlatıcı Sistemi ile Atom Transfer Radikal Polimerizasyonu ATRP**
ÖZTÜRK T., MISIR M., VOLGA C., KUL D., SAVAŞKAN YILMAZ S., HAZER B.
XVIII. Ulusal Kimya Kongresi, Kars, Turkey, 5 - 09 July 2004
- XLI. **Preparation of Sorbent Containing Polystyrene 2,3 : 8,9:14,15-Tribenzo-4,13-dithia-6,11-dioxa-1,7,10,16-tetraazahexadecane dimethacrylate and their sorption ability for Na⁺, Hg²⁺, Pb²⁺,**
SAVAŞKAN YILMAZ S., KUL D., KANTEKİN H., OCAK Ü., GÖK Y.
40th IUPAC World Polymer Congress, Paris France, Paris, France, 4 - 07 July 2004, pp.61
- XLII. **The Synthesis of a New Macromonomeric Peroxy Initiator via Cationic Polymerization**
SAVAŞKAN YILMAZ S., USTA C., KUL D., HAZER B.
International Symposium on Ionic Polymerization (IUPAC), Boston, United States Of America, 30 June - 04 July 2003
- XLIII. **Poli THF İimerlerin MMA ile Serbest Radikal Polimerizasyon Kinetiği**
VOLGA C., KUL D., SAVAŞKAN YILMAZ S., HAZER B.
XVI. Ulusal Kimya Kongresi, Konya, Turkey, 10 - 13 September 2002
- XLIV. **Mono t BuBP ve Tetrabromometil Benzoil Peroksit BDBP ZnCl₂ Başlatıcı Sistemi ile Tetrahidrofuranın THF Katyonik Polimerizasyonu**
SAVAŞKAN YILMAZ S., HAZER B., VOLGA C., KUL D.
XIII. Ulusal Kimya Kongresi, Samsun, Turkey, 31 August - 04 September 1999

Supported Projects

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 ekstraktlarda rosmarinik asidin spektrofotometrik ve elektrokimyasal analizi, 2022 - 2023

AĞIN F., ÖZTÜRK G., KUL D., ŞİŞMAN E., Project Supported by Higher Education Institutions, Modifiye edilmiş camı 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 camı karbon elektrot ile guafenesinin voltametrik analizi, 2018 - 2019

KUL D., Project Supported by Higher Education Institutions, Bazı İlaç Etken Maddelerinin Karbon Nanotüpler ile Modifiye Edilmiş Camı Karbon Elektrotlar Kullanılarak Elektrokimyasal Olarak İncelenmesi ve Determinasyonu, 2013 - 2015
KUL D., Project Supported by Higher Education Institutions, Poli(metil kırmızısı) kullanılarak modifiye edilmiş camı karbon elektrot ile farmasötik maddelerin voltametrik analizlerinin yapılması, 2011 - 2013

Activities in Scientific Journals

Scientific Committee Membership, 2020 - 2024

Memberships / Tasks in Scientific Organizations

Türkiye Kimya Derneği, Member, 2021 - Continues, Turkey

Scientific Refereeing

IONICS, National Scientific Refreed Journal, August 2024
BIOSENSORS AND BIOELECTRONICS, SCI Journal, July 2024
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, May 2024
ANALYTICAL LETTERS, SCI Journal, May 2024
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, Journal Indexed in ESCI, February 2024
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, Journal Indexed in ESCI, August 2023
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, SCI Journal, April 2023
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, September 2022
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, SCI Journal, June 2022
ARABIAN JOURNAL OF CHEMISTRY, SCI Journal, February 2022
KOSGEB, Karadeniz Technical University, Turkey, December 2021
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, October 2021
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, March 2021
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, February 2021
MICROCHEMICAL JOURNAL, SCI Journal, February 2021
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, January 2021
TURKISH JOURNAL OF ANALYTICAL CHEMISTRY, Other Journals, May 2020
ARABIAN JOURNAL OF CHEMISTRY, SCI Journal, April 2020
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, October 2019
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, February 2019
Turkish Journal of Pharmaceutical Sciences, National Scientific Refreed Journal, December 2018
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, September 2018
Turkish Journal of Pharmaceutical Sciences, National Scientific Refreed Journal, May 2018
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, April 2018
Journal of Analytical Methods in Chemistry, SCI Journal, February 2018
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, January 2018
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, September 2017
CURRENT ANALYTICAL CHEMISTRY, SCI Journal, August 2017
JOURNAL OF ANALYTICAL METHODS IN CHEMISTRY, SCI Journal, August 2017
CURRENT ANALYTICAL CHEMISTRY, SCI Journal, July 2017
CURRENT MEDICINAL CHEMISTRY, SCI Journal, June 2017
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, June 2017
JOURNAL OF ANALYTICAL METHODS IN CHEMISTRY, SCI Journal, May 2017

JOURNAL OF ANALYTICAL METHODS IN CHEMISTRY, SCI Journal, May 2017
IONICS, SCI Journal, March 2017
JOURNAL OF ANALYTICAL METHODS IN CHEMISTRY, SCI Journal, February 2017
CURRENT PHARMACEUTICAL ANALYSIS, SCI Journal, February 2017
JOURNAL OF ANALYTICAL METHODS IN CHEMISTRY, SCI Journal, December 2016
IONICS, SCI Journal, June 2016
Journal of Applied Polymer Science, SCI Journal, June 2015
TUBITAK Project, April 2015
Journal of Applied Polymer Science, SCI Journal, March 2015
TUBITAK Project, December 2014
Current Drug Therapy, Other Indexed Journal, August 2014
Turkish Journal of Chemistry, SCI Journal, December 2013
TUBITAK Project, November 2013
Journal of Analytical Methods in Chemistry, SCI Journal, April 2013
TUBITAK Project, April 2013
Chromatography Research International, Other Indexed Journal, February 2012
Analytical Letters, SCI Journal, November 2011
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, SCI Journal, June 2011
Journal of AOAC International, SCI Journal, June 2011
Journal of Applied Polymer Science, SCI Journal, June 2011
International Journal of Electrochemistry, Other Indexed Journal, March 2011
International Journal of Electrochemistry, Other Indexed Journal, November 2010
Journal of Applied Polymer Science, SCI Journal, August 2010

Scientific Consultations

Tübitak, Project Consultancy, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, Turkey, 2015 - 2015
Tübitak, Project Consultancy, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, Turkey, 2015 - 2015
Tübitak, Project Consultancy, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, Turkey, 2015 - 2015
Tübitak, Project Consultancy, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, Turkey, 2015 - 2015
Tübitak, Project Consultancy, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, Turkey, 2015 - 2015
Tübitak, Project Consultancy, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, Turkey, 2014 - 2014
Tübitak, Project Consultancy, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, Turkey, 2014 - 2014
Tübitak, Project Consultancy, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, Turkey, 2013 - 2013
Mersin Üniversitesi, Project Consultancy, Karadeniz Technical University, Eczacılık Fakültesi, Temel Eczacılık, Turkey, 2012 - 2012

Tasks In Event Organizations

Kul D., XX. Euroanalysis, Scientific Congress, İstanbul, Turkey, Eylül 2019

Metrics

Publication: 77
Citation (WoS): 326
Citation (Scopus): 369
H-Index (WoS): 10
H-Index (Scopus): 11

Congress and Symposium Activities

- 13th International Symposium on Pharmaceutical Sciences, Attendee, Ankara, Turkey, 2021
11th Aegean Analytical Chemistry Days, Attendee, Hania, Greece, 2018
12th International Symposium on Pharmaceutical Sciences, Attendee, Ankara, Turkey, 2018
Anadolu Üniversitesi Eczacılık Sempozyumu, Attendee, Eskişehir, Turkey, 2017
8. ULUSAL ANALİTİK KİMYA KONGRESİ, Attendee, Isparta, Turkey, 2016
27. Ulusal Kimya Kongresi, Attendee, Çanakkale, Turkey, 2015
11th International Symposium on Pharmaceutical Sciences, Attendee, Ankara, Turkey, 2015
6th Black Sea Basin Conference on Analytical Chemistry, Attendee, Trabzon, Turkey, 2014
10th International Symposium on Pharmaceutical Science, Attendee, Ankara, Turkey, 2012
International Society of Electrochemistry (ISE), Attendee, Turku, Finland, 2011
International Society of Electrochemistry (ISE), Attendee, Nice, France, 2010
13th International Conference on Electroanalysis (ESEAC), Attendee, Gijon, Spain, 2010
8th International Electrochemistry Meeting, Attendee, Antalya, Turkey, 2009
9th International Symposium on Pharmaceutical Science, Attendee, Ankara, Turkey, 2009
International Symposium on Drug Research & Development, Attendee, Ankara, Turkey, 2009
I. Ulusal Polimer Bilim ve Teknoloji Kongresi ve Sergisi, Attendee, Ankara, Turkey, 2006
APME-6 International Symposium on Advanced Polymers via Macromolecular Engineering, Attendee, İstanbul, Turkey, 2005
BPG Annual Meeting, Attendee, La-Roche-en-Ardenne, Belgium, 2005
40th IUPAC World Polymer Congress, Attendee, Paris, France, 2004
XVIII. Ulusal Kimya Kongresi, Attendee, Kars, Turkey, 2004
International Symposium on Ionic Polymerization (IUPAC), Attendee, Boston, United States Of America, 2003
XVI. Ulusal Kimya Kongresi, Attendee, Konya, Turkey, 2002
XIII. Ulusal Kimya Kongresi, Attendee, Samsun, Turkey, 1999

Scholarships

- YÖK - Doktora Sonrası Araştırma, YOK, 2010 - 2011
Erasmus, European Commission, 2004 - 2005