

Prof. GAMZE ERDOĐDU

Personal Information

Email: gamze.erdogdu@inonu.edu.tr

Web: <https://avesis.inonu.edu.tr/gamze.erdogdu>

Address: gamze.erdogdu@inonu.edu.tr

International Researcher IDs

ORCID: 0000-0002-8114-6946

Yoksis Researcher ID: 9716

Education Information

Doctorate, Inonu University, Fen Bilimleri, Turkey 1989 - 1995

Postgraduate, Inonu University, Fen Bilimleri, Kimya, Turkey 1987 - 1989

Undergraduate, Inonu University, Fen-Edebiyat Fakóltesi, Kimya MühendisliĐi, Turkey 1982 - 1986

Dissertations

Doctorate, Bazı Biyokimyasal Moleküllerin İletken Polimer Elektrotlardaki Voltametrik Davranışlarının İncelenmesi, Inonu University, Fen Bilimleri, Analitik Kimya, 1995

Postgraduate, Bazı Çevre Örneklerinde Çeşitli Pestisid Kalıntılarının Analizi, Inonu University, Fen Bilimleri, Analitik Kimya, 1989

Research Areas

Chemistry, Analytical Chemistry, Bioanalytical Methods, Electromagnetic Methods, Pharmaceutical Analysis, Chromatographic Analysis, Sensors, Volumetry, Physical Chemistry, Polymers and Their Applications, Polymeric Solutions, Conductive Polymers, nanocomposites, Polymeric Films, Natural Sciences

Academic Titles / Tasks

Professor, Inonu University, Fen-Edebiyat Fakóltesi, Kimya, 2011 - Continues

Associate Professor, Inonu University, Fen-Edebiyat Fakóltesi, Kimya, 2004 - 2011

Assistant Professor, Inonu University, Fen-Edebiyat Fakóltesi, Kimya, 1998 - 2004

Assistant Professor, Inonu University, Eğitim Fakóltesi, Fen Bilimleri Eğitimi, 1997 - 1998

Research Assistant PhD, Inonu University, Eğitim Fakóltesi, Fen Bilimleri Eğitimi, 1995 - 1997

Research Assistant, Inonu University, Eğitim Fakóltesi, Fen Bilimleri Eğitimi, 1988 - 1995

Academic and Administrative Experience

Inonu University, Fen-Edebiyat Fakóltesi, Kimya, 2012 - 2015

Inonu University, Fen-Edebiyat Fakóltesi, Kimya, 2004 - 2008

Courses

Kimyada İstatistik Yöntemler, Postgraduate, 2023 - 2024
İleri Analitik Kimya, Postgraduate, 2022 - 2023
Analitik Kimya Lab., Undergraduate, 2017 - 2018
Enstrümental Analiz, Undergraduate, 2016 - 2017
Analitik Kimya, Undergraduate, 2015 - 2016
Enstrümental Analiz Lab., Undergraduate, 2012 - 2013
Voltametrik Yöntemler, Postgraduate, 2011 - 2012
Analitik Kimya, Undergraduate, 2009 - 2010
Voltametrinin Analitik Uygulamaları, Doctorate, 2009 - 2010
Potansiyometri ve Uygulamaları, Doctorate, 2008 - 2009
Elektroanalitik Kimya, Postgraduate, 2008 - 2009
Çevre Kimyası, Undergraduate, 2006 - 2007

Advising Theses

ERDOĞDU G., Bazı İletken Polimer Elektrotlar İle Yeni Elektrokimyasal Sensörlerin Hazırlanması Ve İlaç Etken Maddelerine Uygulanması, Doctorate, E.Kuyumcu(Student), 2016
ERDOĞDU G., Bazı İlaç Etken Maddelerinin Poli (p-aminobenzen sülfonik asit) Elektrodunda Voltametrik Davranışlarının İncelenmesi ve İlaçlarda Kantitatif Tayini, Postgraduate, Ş.Zişan(Student), 2011
ERDOĞDU G., Dopamin Seçici Sensörlerin Hazırlanması ve Bazı Analitik Parametrelerin İncelenmesi, Postgraduate, M.Mutluhan(Student), 2010
ERDOĞDU G., Çeşitli Biyolojik Matrikslerde İz Elementlerin Voltametrik Tayini, Postgraduate, H.Gürünlüoğlu(Student), 2002
ERDOĞDU G., 1. Bazı Biyokimyasal Moleküllere Seçici Sensörlerin Hazırlanması ve Çeşitli Analitiksel Parametrelerin Belirlenmesi, Postgraduate, B.Melih(Student), 2002

Jury Memberships

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Tokat Gaziosmanpaşa Üniversitesi, February, 2020
Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, March, 2019
Appointment to Academic Staff-Assistant Professorship, Doçentlik, Yıldız Teknik Üniversitesi, November, 2016
Doctorate, Tez Savunma, İnönü Üniversitesi, August, 2016
Post Graduate, Tez Savunma, İnönü Üniversitesi, July, 2002

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Electrochemical Determination of Norepinephrine at Poly (p-aminobenzenesulfonic Acid) Modified Sensor**
Yagci S. Z., Savan E., ERDOĞDU G.
CURRENT PHARMACEUTICAL ANALYSIS, vol.16, no.5, pp.591-600, 2020 (SCI-Expanded)
- II. **The Investigation of Electrochemical Behavior of Catechol at Conducting Polymer Electrodes**
ERDOĞDU G.
SENSOR LETTERS, vol.17, no.5, pp.365-370, 2019 (AHCI)
- III. **Determination of 3,4-dihydroxyphenylacetic acid in the presence of ascorbic acid and uric acid at poly(p-aminobenzene sulfonic acid) conducting polymer electrode**
SAVAN E. K., ERDOĞDU G.
POLYMER BULLETIN, vol.74, no.10, pp.4349-4360, 2017 (SCI-Expanded)

- IV. **Simultaneous determination of levodopa and benserazide using poly(3-methylthiophene) and a multi-walled carbon nanotube sensor**
KUYUMCU SAVAN E., Erdoadu G.
JOURNAL OF SOLID STATE ELECTROCHEMISTRY, vol.21, no.8, pp.2209-2217, 2017 (SCI-Expanded)
- V. **Amperometric Simultaneous Measurement of Copper and Cobalt Ions with Polythiophene Incorporating Pendant Terpyridine Groups**
SAVAN E. K., KÖYTEPE S., PASAHAN A., ERDOĞDU G., SEÇKİN T.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.53, no.17, pp.1817-1824, 2014 (SCI-Expanded)
- VI. **Selective detection of dopamine with poly(diphenylamine sulfonic acid) modified electrode in the presence of ascorbic acid**
Mutlu M. M., ERDOĞDU G.
JOURNAL OF ANALYTICAL CHEMISTRY, vol.66, no.7, pp.660-665, 2011 (SCI-Expanded)
- VII. **Determination of azinphos-ethyl insecticide by adsorptive stripping voltammetry on the hanging mercury-drop electrode**
Erdogdu G.
JOURNAL OF ANALYTICAL CHEMISTRY, vol.63, no.8, pp.762-767, 2008 (SCI-Expanded)
- VIII. **Voltammetric determination of mesotrione at hanging mercury drop electrode**
Erdogdu G., Titretir S.
JOURNAL OF ANALYTICAL CHEMISTRY, vol.62, no.8, pp.777-780, 2007 (SCI-Expanded)
- IX. **Voltammetric study of the hydrolysis product of fenthion at the Nafion (R)-modified glassy carbon electrode**
Erdogdu G.
JOURNAL OF ANALYTICAL CHEMISTRY, vol.62, no.5, pp.466-469, 2007 (SCI-Expanded)
- X. **Investigation of them voltammetric characteristics of poly (1,4-diaminobenzene) film as a dopamine-selective polymer electrode**
Erdogdu G., KARAGOZLER A. E.
TURKISH JOURNAL OF CHEMISTRY, vol.31, no.2, pp.171-178, 2007 (SCI-Expanded)
- XI. **Voltammetric determination of methidathion insecticide**
Erdogdu G.
JOURNAL OF ANALYTICAL CHEMISTRY, vol.61, no.7, pp.673-676, 2006 (SCI-Expanded)
- XII. **Determination of iodide ions at poly(3-methylthiophene)-modified electrode by differential pulse stripping voltammetry**
Titretir S., Erdogdu G., Karagozler A. E.
JOURNAL OF ANALYTICAL CHEMISTRY, vol.61, no.6, pp.592-595, 2006 (SCI-Expanded)
- XIII. **A sensitive voltammetric method for the determination of diazinon insecticide**
Erdogdu G.
JOURNAL OF ANALYTICAL CHEMISTRY, vol.58, no.6, pp.569-572, 2003 (SCI-Expanded)
- XIV. **Selective voltammetric detection of epinephrine in the presence of ascorbic acid at poly(4-methoxyphenol)-modified electrode**
Erdogdu G.
JOURNAL OF ANALYTICAL CHEMISTRY, vol.57, no.7, pp.620-623, 2002 (SCI-Expanded)
- XV. **Voltammetric determination of timolol maleate: A beta-adrenergic blocking agent**
TURKDEMIR M., Erdogdu G., AYDEMIR T., Karagozler A., Karagozler A.
JOURNAL OF ANALYTICAL CHEMISTRY, vol.56, no.11, pp.1047-1050, 2001 (SCI-Expanded)
- XVI. **Preparation, optimization, and voltammetric characteristics of poly(o-phenylenediamine) film as a dopamine-selective polymeric membrane**
Ekinci E., ERDOĞDU G., KARAGOZLER A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.79, no.2, pp.327-332, 2001 (SCI-Expanded)
- XVII. **Investigation of polymerization parameters affecting dopamine selectivity of a polymeric membrane**
Ekinci E., ERDOĞDU G., KARAGOZLER A.
POLYMER BULLETIN, vol.44, pp.547-553, 2000 (SCI-Expanded)

- XVIII. **Preparation and electrochemical behavior of dopamine - selective polymeric membrane**
ERDOĞDU G., Ekinçi E., KARAGOZLER A.
POLYMER BULLETIN, vol.44, no.2, pp.195-201, 2000 (SCI-Expanded)
- XIX. **Investigation and comparison of the electrochemical behavior of some organic and biological molecules at various conducting polymer electrodes**
Erdogdu G., KARAGOZLER A.
TALANTA, vol.44, no.11, pp.2011-2018, 1997 (SCI-Expanded)
- XX. **Voltammetric resolution of ascorbic acid and dopamine at conducting polymer electrodes**
Erdogdu G., MARK H., KARAGOZLER A.
ANALYTICAL LETTERS, vol.29, no.2, pp.221-231, 1996 (SCI-Expanded)

Articles Published in Other Journals

- I. **Voltammetric Detection of Levodopa and Benserazide at Polypyrrole and Single Walled Carbon Nanotube Based Electrode**
KUYUMCU SAVAN E., ERDOĞDU G.
International Journal of Pure and Applied Sciences, vol.7, no.1, pp.207-218, 2021 (Peer-Reviewed Journal)
- II. **Electrochemical Simultaneous Determination of Levodopa and Benserazide with Pyrrole and Multi-Walled Carbon Nanotube Modified Sensor**
KUYUMCU SAVAN E., ERDOĞDU G.
Journal of Inonu University Health Services Vocational School, vol.8, no.2, pp.336-355, 2020 (Peer-Reviewed Journal)
- III. **PİROL VE ÇOK DUVARLI KARBON NANOTÜP MODİFİYE SENSÖR İLE LEVODOPA VE BENSERAZİD'İN ELEKTROKİMYASAL OLARAK EŞZAMANLI TAYİNİ**
KUYUMCU SAVAN E., ERDOĞDU G.
İnönü üniversitesi Sağlık Hizmetleri Meslek Yüksek Okulu Dergisi, vol.8, no.2, pp.336-355, 2020 (Peer-Reviewed Journal)
- IV. **Investigation of the Voltammetric Behavior of Methylodopa at a Poly (p-Aminobenzene Sulfonic Acid) Modified Sensor**
ERDOĞDU G., YAĞCI S. Z., KUYUMCU SAVAN E.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.16, no.4, pp.450-456, 2019 (ESCI)
- V. **Application of Single-Walled Carbon Nanotube and Poly (3-Methylthiophene) Modified Sensors for Electrochemical Determination of Levodopa and Benserazide**
Kuyumcu Savan E., Erdoğdu G.
ANALYTICAL & BIOANALYTICAL ELECTROCHEMISTRY, vol.11, pp.585-597, 2019 (ESCI)
- VI. **Poly(3-methylthiophene) modified gold sensor for determination of 3,4-dihydroxyphenylacetic acid, ascorbic acid and uric acid in biological fluids using voltammetric techniques**
KUYUMCU SAVAN E., ERDOĞDU G.
JOURNAL OF RESEARCH IN PHARMACY, vol.23, no.1, pp.25-33, 2019 (ESCI)
- VII. **Electrochemical Detection of Epinephrine in The Presence of Ascorbic Acid at Poly (p-Aminobenzene Sulfonic Acid) Modified Sensor**
Yağcı Ş. Z. B., Kuyumcu Savan E., Erdoğdu G.
Cumhuriyet Science Journal, vol.39, pp.1025-1035, 2018 (Peer-Reviewed Journal)
- VIII. **Selective Determination of Dopamine in the Presence of Ascorbic Acid at Poly(ip/i -Aminobenzene Sulfonic Acid) Modified Sensor/title**
Mutlu M. M., KUYUMCU SAVAN E., ERDOĞDU G.
SENSOR LETTERS, vol.16, no.9, pp.683-687, 2018 (Peer-Reviewed Journal)
- IX. **Selective Determination of Dopamine in the Presence of Ascorbic Acid at Poly(p-Aminobenzene Sulfonic Acid) Modified Sensor**
KUYUMCU SAVAN E., Mutluhan Mutlu M., ERDOĞDU G.

SENSOR LETTERS, vol.16, pp.683-687, 2018 (Peer-Reviewed Journal)

- X. **Selective Detection of Dopamine in the Presence of Ascorbic Acid at Poly (m-Aminobenzene Sulfonic Acid)**

ERDOĞDU G., MUTLU M. M.

American Journal of Analytical Chemistry, vol.2, no.5, pp.582-588, 2011 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Simultaneous determination of levodopa and carbidopa at SWCNT and poly(3-methylthiophene) modified sensors: its application to a pharmaceutical dosage form**
KUYUMCU SAVAN E., ERDOĞDU G.
SANKO University Innovation in Medicine Summit-3, 11 - 13 May 2017
- II. **Simultaneous determination of levodopa and benserazide in pharmaceutical tablet and urine samples using modified sensors based on pyrrol/multiwalled carbon nanotube**
KUYUMCU SAVAN E., ERDOĞDU G.
SANKO University Innovation in Medicine Summit-3, 11 - 13 May 2017
- III. **Simultaneous determination of levodopa and benserazide in pharmaceutical tablet and urine samples using modified sensors based on pyrrol/multiwalled carbon nanotube**
ERDOĞDU G.
. SANKO University Innovation in Medicine Summit-3, Gaziantep, Turkey, 11 - 13 May 2017, pp.130
- IV. **SIMULTANEOUS DETERMINATION OF LEVODOPA AND CARBIDOPA AT SWCNT AND POLY(3-METHYLTHIOPHENE) MODIFIED SENSORS: ITS APPLICATION TO A PHARMACEUTICAL DOSAGE FORM**
ERDOĞDU G.
SANKO University Innovation in Medicine Summit-3, Gaziantep, Turkey, 11 - 13 May 2017, pp.92
- V. **Application of SWCNT and poly(3-methylthiophene) modified sensors for simultaneous determination of levodopa and benserazide**
KUYUMCU SAVAN E., ERDOĞDU G.
3rd International Congress on Biosensors, 5 - 07 October 2016
- VI. **Simultaneous determination of levodopa and carbidopa in the presence of ascorbic acid using nanostructured electrochemical sensor based on 3-methylthiophene and MWCNT**
KUYUMCU SAVAN E., ERDOĞDU G.
3rd International Congress on Biosensors, 5 - 07 October 2016
- VII. **Simultaneous determination of levodopa and carbidopa in the presence of ascorbic acid using nanostructured electrochemical sensor based on 3-methylthiophene and MWCNT**
ERDOĞDU G.
3rd International Congress on Biosensors, Ankara, Turkey, 5 - 07 October 2016, pp.129
- VIII. **Application of SWCNT and poly(3-methylthiophene) modified sensors for simultaneous determination of levodopa and benserazide. PP0128, 3rd International Congress on Biosensors**
ERDOĞDU G.
3rd International Congress on Biosensors, Ankara, Turkey, 5 - 07 October 2016, pp.130
- IX. **Simultaneous Determination of Levodopa and Benserazide in the Presence of Ascorbic Acid on Poly(3-Methylthiophene) and Multiwalled Carbon Nanotube Modified Sensor**
KUYUMCU SAVAN E., ERDOĞDU G.
Innovation in Medicine Summit-2, 5 - 07 May 2016
- X. **SIMULTANEOUS DETERMINATION OF LEVODOPA AND BENSERAZIDE IN THE PRESENCE OF ASCORBIC ACID ON POLY(3-METHYLTHIOPHENE) AND MULTIWALLED CARBON NANOTUBE MODIFIED SENSOR**
ERDOĞDU G.
SANKO University Innovation in Medicine Summit-2, Gaziantep, Turkey, 5 - 07 May 2016, pp.138
- XI. **Simultaneous determination of 3,4-dihydroxyphenylacetic acid in the presence of ascorbic acid at**

poly(p-aminobenzene sulfonic acid) conducting polymer electrodes.

ERDOĞDU G.

International Multidisciplinary Symposium on Drug Research and Development - New Drug Entities & Cancer Research, Nanotechnology & Scientific and Industrial Perspectives, Antalya, Turkey, 28 - 30 November 2013, pp.22

- XII. **Sensitive and Selective Determination of Norepinephrine Based on Poly p aminobenzene sulfonic acid Modified Electrode**
Şevket zığışan bilge y., KUYUMCU SAVAN E., ERDOĞDU G.
European Polymer Congress, 16 - 21 June 2013
- XIII. **Amperometric simultaneous measurement of copper and cobalt ions with polythiophene incorporating pendant terpyridine groups**
ERDOĞDU G.
European Polymer Congress, Pisa, Italy, 16 - 21 June 2013, pp.91
- XIV. **Sensitive and Selective Determination of Norepinephrine Based on Poly (p-aminobenzene sulfonic acid) Modified Electrode**
ERDOĞDU G.
European Polymer Congress, Pisa, Italy, 16 - 21 June 2013, pp.92
- XV. **Serum Numunesinde Poli(p-aminobenzen sülfonik asit) Modifiye Camsı Karbon Elektrot ile Metil Dopanın Seçimli Voltametrik Tayini**
ERDOĞDU G.
VI. Ulusal Analitik Kimya Kongresi, Hatay, Turkey, 3 - 07 September 2012, pp.70
- XVI. **İletken Poli(3-metiltiyofen) Elektrot ile 3,4-dihidroksifenilasetik asitin (DOPAC) Askorbik Asit ve Ürik Asit Varlığında Tayini**
ERDOĞDU G.
VI. Ulusal Analitik Kimya Kongresi, Hatay, Turkey, 3 - 07 September 2012, pp.93
- XVII. **Epinefrinin Askorbik Asit Varlığında Modifiye Edilmiş Poli(p-aminobenzen sülfonik asit) Camsı Karbon Elektrot ile Seçimli Tayini**
ERDOĞDU G.
VI. Ulusal Analitik Kimya Kongresi, Hatay, Turkey, 3 - 07 September 2012, pp.94
- XVIII. **Preparation of Poly(diphenylamine-4-sulfonic acid) Electrode As a Dopamine Selective Membrane**
ERDOĞDU G.
8th International Electrochemistry Meeting, Antalya, Turkey, 7 - 11 October 2009, pp.23
- XIX. **Selective Detection of Dopamine with Poly-(p-aminobenzene sulfonic acid) Modified Electrode in the Presence of Ascorbic Acid**
ERDOĞDU G.
8th International Electrochemistry Meeting, Antalya, Turkey, 7 - 11 October 2009, pp.56
- XX. **Selective Detection of Dopamine with Poly (m-aminobenzene sulfonic acid) Modified Electrode in The Presence of Ascorbic Acid**
ERDOĞDU G.
8th International Electrochemistry Meeting, Antalya, Turkey, 7 - 11 October 2009, pp.45
- XXI. **İletken Poli 3 metiltiyofen Elektrot ile 3 4 dihidroksifenilasetik asitin DOPAC Askorbik Asit ve Ürik Asit Varlığında Tayini**
KUYUMCU SAVAN E., ERDOĞDU G.
VI. Ulusal Analitik Kimya Kongresi, Turkey, 03 September 2012 - 07 September 2009
- XXII. **Epinefrinin Askorbik Asit Varlığında Modifiye Edilmiş Poli p aminobenzen sülfonik asit Camsı Karbon Elektrot ile Seçimli Tayini**
KUYUMCU SAVAN E., ERDOĞDU G.
VI. Ulusal Analitik Kimya Kongresi, Turkey, 03 September 2012 - 07 September 2009
- XXIII. **Serum Numunesinde Poli p aminobenzen sülfonik asit Modifiye Camsı Karbon Elektrot ile Metil Dopanın Seçimli Voltametrik Tayini**
KUYUMCU SAVAN E., ERDOĞDU G.
VI. Ulusal Analitik Kimya Kongresi, Turkey, 03 September 2012 - 07 September 2009

- XXIV. **Mesotrionun Polarografik Tayini**
TİTRETİR S., ERDOĞDU G.
6.Elektrokimya Günleri, Eskişehir, Turkey, 29 June - 01 August 2005
- XXV. **Diklorvos Pesticidine Duyarlı Voltammetrik Sensörün Hazırlanması ve Analitiksel Parametrelerin İncelenmesi**
GÜRÜNLÜOĞLU H., TİTRETİR S., ERDOĞDU G.
XVI. Ulusal Kimya Kongresi, Konya, Turkey, 10 - 13 September 2002
- XXVI. **Voltammetric Clofazimine (Lamprene) Analysis in Biological Fluids**
ERDOĞDU G.
2nd Aegean Analytical Chemistry Days, Balıkesir, Turkey, 1 - 04 November 2000, pp.67
- XXVII. **Selective Voltammetric Detection of Epinephrine the Presence of Ascorbic Acid at Poly (4-methoxyphenol)-Modified Electrode**
ERDOĞDU G.
2nd Aegean Analytical Chemistry Days, Balıkesir, Turkey, 1 - 04 November 2000, pp.77
- XXVIII. **Investigation of Voltammetric Characteristics of Poly (1,4-diaminobenzene) Film as a Dopamine Selective Polymer Electrode**
ERDOĞDU G.
2nd Aegean Analytical Chemistry Days, Balıkesir, Turkey, 1 - 04 November 2000, pp.89
- XXIX. **Electroanalytical Uses of The Electrodes Modified with Conducting Polymers**
ERDOĞDU G.
Polymeric Materials with Unusual Optical and Electrical Properties., Ankara, Turkey, 1 - 02 May 1997, pp.89
- XXX. **Voltammetric Analysis of Some Catecholamines with Conducting Polymer Electrodes**
ERDOĞDU G.
Proc. 2nd Natl. Biomed. Sci. Tech. Semp., Ankara, Turkey, 23 - 25 September 1995, pp.56
- XXXI. **Flow Injection Analysis of Some Organic and Biological Molecules at Conducting polymer Electrodes**
ERDOĞDU G.
35 th IUPAC International Congress of Pure and Applied Chemistry, İstanbul, Turkey, 14 - 19 August 1995, pp.36
- XXXII. **Voltammetric Resolution of Ascorbic Acid and Dopamine at Conducting Polymer Electrodes**
ERDOĞDU G.
35 th IUPAC International Congress of Pure and Applied Chemistry, İstanbul, Turkey, 14 - 19 August 1995, pp.34
- XXXIII. **İyodürün Poli 3 metiltiyofen Elektrot ile Voltammetrik Sıyırma Analizi**
TİTRETİR S., ERDOĞDU G., KARAGÖZLER A. E.
X. Ulusal Kimya Kongresi, Bursa, Turkey, 19 - 21 September 1994

Supported Projects

KUYUMCU SAVAN E., KÖYTEPE S., ÖZCAN İ., ATEŞ B., ERDOĞDU G., Project Supported by Higher Education Institutions, Mezo ve Makro Gözenekli Karbon Temelli Amperometrik Sensörlerin Tasarımı ve Vitamin Sensör Uygulamaları, 2018 - 2021

ERDOĞDU G., KUYUMCU SAVAN E., YILMAZ A., Project Supported by Higher Education Institutions, 5-Hidroksi İndol Asetik Asidin Poli (p-aminobenzen sülfonik asit) Elektrotta Miktarının Belirlenmesi, 2018 - 2021

Scientific Refereeing

American Journal of Analytical Chemistry, Journal Indexed in AHCI, May 2012

Journal of the Iranian Chemical Society, SCI Journal, October 2009

Environmental Monitoring and Assessment , SCI Journal, September 2007

Current Analytical Chemistry , SCI Journal, March 2006

Metrics

Publication: 65

Citation (WoS): 334

Citation (Scopus): 312

H-Index (WoS): 9

H-Index (Scopus): 9

Congress and Symposium Activities

Simultaneous Determination of Levodopa And Carbidopa At Swcnt And Poly(3-Methylthiophene) Modified Sensors: its Application to A Pharmaceutical Dosage Form, Attendee, Turkey, 2017

Simultaneous Determination of Levodopa and Benserazide in Pharmaceutical Tablet And Urine Samples Using Modified Sensors Based On Pyrol/Multiwalled Carbon Nanotube, Attendee, Gaziantep, Turkey, 2017

Application of SWCNT and poly(3-methylthiophene) modified sensors for simultaneous determination of levodopa and benserazide, Attendee, Ankara, Turkey, 2016

Simultaneous determination of levodopa and carbidopa in the presence of ascorbic acid using nanostructured electrochemical sensor based on 3-methylthiophene and MWCNT, Attendee, Turkey, 2016

Simultaneous Determination of 3,4-dihydroxyphenylacetic acid in the Presence of Ascorbic Acid at Poly(p-aminobenzene sulfonic acid) Conducting Polymer Electrodes, Attendee, Antalya, Turkey, 2013

Sensitive and selective determination of norepinephrine based on poly (paminobenzene sulfonic acid) modified electrode, Attendee, Roma, Italy, 2013

Amperometric simultaneous measurement of copper and cobalt ions with polythiophene incorporating pendant terpyridine groups, Attendee, –Seçiniz--, Italy, 2013

Serum Numunesinde Poli (p-Aminobenzen Sülfonik Asit) Modifiye Camsı Karbon Elektrot İle Metil Dopanın Seçimli Voltametrik Tayini, Attendee, Hatay, Turkey, 2012

Epinefrinin Askorbik Asit Varlığında Modifiye Edilmiş Poli (p-Aminobenzen Sülfonik Asit) Camsı Karbon Elektrot İle Seçimli Tayini, Attendee, Hatay, Turkey, 2012

İletken Poli(3-Metiltiyofen) Elektrot İle 3,4-Dihidroksifenilasetik Asitin (Dopac) Askorbik Asit Ve Ürik Asit Varlığında Tayini, Attendee, Hatay, Turkey, 2012

Selective Detection of Dopamine with Poly-(p-aminobenzene sulfonic acid) Modified Electrode in the Presence of Ascorbic Acid, Attendee, Antalya, Turkey, 2009

Selective Detection of Dopamine with Poly (m-aminobenzene sulfonic acid) Modified Electrode in The Presence of Ascorbic Acid, Attendee, Antalya, Turkey, 2009

Preparation of Poly(diphenylamine-4-sulfonic acid) Electrode As a Dopamine Selective Membrane, Attendee, Antalya, Turkey, 2009

Kare Dalga Voltametrisi İle Çeşitli Vitamin Tabletlerinde ve Meyve Sularında Askorbik Asit Tayini İçin Optimizasyon Çalışmaları, Attendee, Malatya, Turkey, 2007

Azinphos-Etil İnsektisidinin Civa Damla Eelektrot Üzerinde Voltametrik Analizi, Attendee, Malatya, Turkey, 2007

Fenthion İnsektisidinin Nafyon Kaplı Elektrot Üzerinde Voltametrik Analizi, Attendee, Çanakkale, Turkey, 2006

Mesotrion'un Polarografik Tayin, Attendee, Eskişehir, Turkey, 2005

Dopamin Seçici Poli (p-metoksifenol) Elektrodun Hazırlanması, Çeşitli Polimerizasyon ve Analitik Parametrelerin Optimizasyonu, Attendee, Malatya, Turkey, 2004

Methidathion İnsektisidinin Nafyon Kaplı Camsı Karbon Elektrot Üzerinde Voltametrik Davranışının İncelenmesi, Attendee, Malatya, Turkey, 2004

Diazinon İnsektisidine Duyarlı Voltametrik Sensörün Hazırlanması ve Çeşitli Analitik Parametrelerin Optimizasyonu, Attendee, İstanbul, Turkey, 2003

Methidathion İnsektisidinin Nafyon Kaplı Camsı Karbon Elektrot Üzerinde Voltametrik Davranışının İncelenmesi, Attendee, İstanbul, Turkey, 2003

Poly (p-metoksifenol) Esashı Katekol Seçici Polimerik Materyalin Hazırlanması, Polimerizasyon Parametrelerinin

Optimizasyonu ve Elektrokimyasal Davranışının İncelenmesi, Attendee, Adana, Turkey, 2003

Diklorvos Pestisidine Duyarlı Voltametrik Sensörün Hazırlanması ve Analitiksel Parametrelerin İncelenmesi, Attendee, Konya, Turkey, 2002

Çeşitli Biyolojik Matrislerde İz Elementlerin Voltametrik Tayini, Attendee, Bursa, Turkey, 2002

Bazı Biyokimyasal Moleküllere Seçici Sensörlerin hazırlanması ve Çeşitli Analitiksel Parametrelerin İncelenmesi" I. Ulusal Analitik Kimya Kongresi, Attendee, Bursa, Turkey, 2002

Investigation of Voltammetric Characteristics of Poly (1,4-diaminobenzene) Film as a Dopamine Selective Polymer Electrode, Attendee, Balıkesir, Turkey, 2000

Voltammetric Clofazimine (Lamprene) Analysis in Biological Fluids, Attendee, Balıkesir, Turkey, 2000

Selective Voltammetric Detection of Epinephrine the Presence of Ascorbic Acid at Poly (4-methoxyphenol)-Modified Electrode, Attendee, Balıkesir, Turkey, 2000

Dopamin Seçici Polimerik Membranın Hazırlanması ve Polimerizasyon Parametrelerinin Optimizasyonu, Attendee, Diyarbakır, Turkey, 2000

Poli (1,3-fenilendiamin) Esaslı Dopamin Seçici Polimerik Materyalin Hazırlanması, Polimerizasyon Parametrelerinin Optimizasyonu ve Elektrokimyasal Davranışın İncelenmesi, Attendee, Diyarbakır, Turkey, 2000

Dopamin Seçici Polimerik Membran Olarak Poli (o-fenilendiamin) Filmin Hazırlanması, Optimizasyonu ve Voltametrik Karakteristikleri, Attendee, Diyarbakır, Turkey, 2000

Timolol Maleatın Civa Damla Elektrot Üzerinde Polarografik Davranışlarının İncelenmesi, Attendee, Samsun, Turkey, 1999

İşlenmiş Et Ürünlerinde Polarografik Nitrit Tayini, Attendee, Samsun, Turkey, 1999

Sıvı ve Katı Yağlarda Voltametrik E Vitamini Tayin, Attendee, Bolu, Turkey, 1999

1st Aegean Analytical Chemistry Days, Attendee, İzmir, Turkey, 1998

Midazolamın Polarografik Davranışının İncelenmesi, Attendee, Edirne, Turkey, 1998

Beta Adrenerjik Bloke Edici Bir Madde Olan Timolol Maleatın Voltametrik Analizi, Attendee, Edirne, Turkey, 1998

Electroanalytical Uses of The Electrodes Modified with Conducting Polymers", Polymeric Materials with Unusual Optical and Electrical Properties, Attendee, Turkey, 1997

Voltammetric Analysis of Some Catecholamines with Conducting Polymer Electrodes, Attendee, Ankara, Turkey, 1995

Flow Injection Analysis of Some Organic and Biological Molecules at Conducting polymer Electrodes, Attendee, İstanbul, Turkey, 1995

Voltammetric Resolution of Ascorbic Acid and Dopamine at Conducting Polymer Electrodes, Attendee, İstanbul, Turkey, 1995

Ferrosenin İletken Polimer Elektrotların Elektrokataliz Özelliklerine Etkisi, Attendee, Bursa, Turkey, 1994

Bazı Organik Maddelerin Çeşitli Polimer Elektrotlarda Voltametrik Davranışlarının İncelenmesi, Attendee, Bursa, Turkey, 1994

Çeşitli Polimerlerle Modifiye Edilmiş Elektrotların Elektrokataliz Özelliklerinin Araştırılması, Attendee, Bursa, Turkey, 1994

İyodürün Poli-3-Metiltiyofen Elektrot ile Voltametrik Sıyırma Analiz, Attendee, Bursa, Turkey, 1994

Awards

ERDOĞDU G., Simultaneous determination of levodopa and benserazide in pharmaceutical tablet and urine samples using modified sensors based on pyrol/multiwalled carbon nanotube, SANKO University Innovation in Medicine Summit-3, May 2017