

Prof. Dr. YUSUF DİLGİN

Kişisel Bilgiler

İş Telefonu: [+90 286 218 0018](tel:+902862180018) Dahili: 1783

Fax Telefonu: [+90 286 218 0533](tel:+902862180533)

E-posta: ydilgin@comu.edu.tr

Web: <https://avesis.comu.edu.tr/ydilgin>

Uluslararası Araştırmacı ID'leri

ORCID: 0000-0002-2980-6871

Publons / Web Of Science ResearcherID: HJY-4717-2023

ScopusID: 6507953466

Yoksis Araştırmacı ID: 12191

Eğitim Bilgileri

Doktora, Çanakkale Onsekiz Mart Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, Türkiye 1999 - 2004

Yüksek Lisans, Çanakkale Onsekiz Mart Üniversitesi, Fırat Üniversitesi/Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, Türkiye 1997 - 1999

Lisans, Fırat Üniversitesi, Fen Edebiyat Fakültesi, Kimya, Türkiye 1993 - 1997

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, cccccccc, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, 2004

Yüksek Lisans, xxxxxxxxxxx, Fırat Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı, 1999

Araştırma Alanları

Kimya, Analitik Kimya, Biyoanalitik Yöntemler, Elektroanalitik Yöntemler, Sensörler, Spektroskopik Yöntemler, Temel Bilimler

Akademik Unvanlar / Görevler

Prof. Dr., Çanakkale Onsekiz Mart Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2013 - Devam Ediyor

Doç. Dr., Çanakkale Onsekiz Mart Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2008 - 2013

Yrd. Doç. Dr., Çanakkale Onsekiz Mart Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2005 - 2008

Araştırma Görevlisi, Çanakkale Onsekiz Mart Üniversitesi, Fen Fakültesi, Kimya Bölümü, 1998 - 2005

Akademik İdari Deneyim

Verdiği Dersler

Analitik Kimya II, Lisans, 2017 - 2018

Lisans Tezi, Lisans, 2017 - 2018

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **A new colorimetric lactate biosensor based on CUPRAC reagent using binary enzyme (lactate-pyruvate oxidases)-immobilized silanized magnetite nanoparticles**
AYAZ S., Erşan T., DİLGİN Y., APAK M. R.
Microchimica Acta, cilt.191, sa.8, 2024 (SCI-Expanded)
- II. **Amperometric sensor for total antioxidant capacity measurement using Cu(II)-neocuproine/carrageenan-MWCNT/GCE**
ŞEN F. B., Elmas E., DİLGİN Y., BENER M., APAK M. R.
Microchemical Journal, cilt.199, 2024 (SCI-Expanded)
- III. **Simple, sensitive, and cost-effective voltammetric determination of salbutamol at a pencil graphite electrode modified with Nafion and functionalized multi-walled carbon nanotubes**
Giray Dilgin D., Vural K., Karakaya S., Dilgin Y.
Monatshefte fur Chemie, cilt.155, sa.2, ss.143-153, 2024 (SCI-Expanded)
- IV. **A novel acetylcholinesterase inhibition based colorimetric biosensor for the detection of paraoxon ethyl using CUPRAC reagent as chromogenic oxidant**
AYAZ S., Uluçay S., ARDA A., DİLGİN Y., APAK M. R.
Talanta, cilt.266, 2024 (SCI-Expanded)
- V. **Fabrication of a Novel Optical Glucose Biosensor Using Copper(II) Neocuproine as a Chromogenic Oxidant and Glucose Dehydrogenase-Immobilized Magnetite Nanoparticles**
AYAZ S., ARDA A., DİLGİN Y., APAK M. R.
ACS Omega, cilt.8, sa.49, ss.47163-47172, 2023 (SCI-Expanded)
- VI. **Voltammetric Determination of Favipiravir Used as an Antiviral Drug for the Treatment of Covid-19 at Pencil Graphite Electrode**
Ersan T., GİRAY DİLGİN D., Kumrulu E., Kumrulu U., DİLGİN Y.
ELECTROANALYSIS, cilt.35, sa.4, 2023 (SCI-Expanded)
- VII. **Highly Sensitive Square Wave Voltammetric Determination of Sunset Yellow at a functionalized-MWCNTs/poly(Alizarin Red-S) Composite Modified Electrode**
Gunes M., KARAKAYA S., DİLGİN Y.
ELECTROANALYSIS, cilt.34, sa.10, ss.1644-1655, 2022 (SCI-Expanded)
- VIII. **Flow-Injection Amperometric Determination of Glucose Using Nickel Oxide-Cobalt (II,III) Oxide and Nickel Oxide-Copper Nanoparticle Modified Pencil Graphite Electrodes**
AYAZ S., KARAKAYA S., EMİR G., Usakligil N., GİRAY DİLGİN D., DİLGİN Y.
ANALYTICAL LETTERS, cilt.55, sa.13, ss.2046-2057, 2022 (SCI-Expanded)
- IX. **A Binary Solvent Dispersive Liquid-Liquid Microextraction Method for the Determination of Four Endocrine Disruptor Compounds by Gas Chromatography with Flame Ionization Detector**
Yaman B., Zaman B. T., Chormey D. S., BAKIRDERE S., DİLGİN Y.
WATER AIR AND SOIL POLLUTION, cilt.233, sa.5, 2022 (SCI-Expanded)
- X. **A novel flow injection amperometric method for sensitive determination of total antioxidant capacity at cupric-neocuproine complex modified MWCNT glassy carbon electrode**
AYAZ S., ARDA A., DİLGİN Y., APAK M. R.

MICROCHIMICA ACTA, cilt.189, sa.4, 2022 (SCI-Expanded)

- XI. **Sensitive voltammetric determination of oxymetazoline hydrochloride at a disposable electrode**
Gunes M., KARAKAYA S., Kocaaga T., Yildirim F., DİLGİN Y.
MONATSHEFTE FUR CHEMIE, cilt.152, sa.12, ss.1505-1513, 2021 (SCI-Expanded)
- XII. **Electrocatalytic oxidation and flow injection analysis of formaldehyde at binary metal oxides (Co₃O₄-NiO and CuO-Co₃O₄) modified pencil graphite electrodes**
EMİR G., KARAKAYA S., Ayaz S., Dilgin D. G., DİLGİN Y.
Monatshefte fur Chemie, cilt.152, sa.12, ss.1491-1503, 2021 (SCI-Expanded)
- XIII. **Sensitive, Accurate and Selective Determination of Cd(II) Using Anodic Stripping Voltammetry With In-situ Hg-Bi Film Modified Pencil Graphite Electrode After Magnetic Dispersive Solid Phase Microextraction**
Yaman B., Zaman B. T., BAKIRDERE S., DİLGİN Y.
ELECTROANALYSIS, cilt.33, sa.10, ss.2161-2168, 2021 (SCI-Expanded)
- XIV. **Sensitive Electrochemical Determination of Trifluralin at a Disposable Pencil Graphite Electrode**
Gege U., Karakaya S., Dilgin Y.
ELECTROANALYSIS, cilt.33, sa.6, ss.1547-1556, 2021 (SCI-Expanded)
- XV. **Flow injection amperometric sensing of hydroxylamine at a Cu(ii)-neocuproine-functionalized multiwalled carbon nanotube/screen printed carbon electrode**
Ayaz S., DİLGİN Y., APAK M. R.
New Journal of Chemistry, cilt.45, sa.20, ss.9143-9151, 2021 (SCI-Expanded)
- XVI. **Speciation of antimony in anti-leishmanial drug using two different chemical receptors and adsorptive anodic stripping voltammetry on glassy carbon electrode**
Sezgin H. V., DİLGİN Y., GÖKÇEL H. İ.
MONATSHEFTE FUR CHEMIE, cilt.152, sa.2, ss.201-208, 2021 (SCI-Expanded)
- XVII. **Amperometric nonenzymatic glucose biosensor based on graphite rod electrode modified by Ni-nanoparticle/polypyrrole composite**
EMİR G., DİLGİN Y., Ramanaviciene A., Ramanavicius A.
Microchemical Journal, cilt.161, 2021 (SCI-Expanded)
- XVIII. **Flow injection amperometric determination of hydrazine at a cupric-neocuproine complex/anionic surfactant modified disposable electrode**
Ayaz S., DİLGİN Y., APAK M. R.
MICROCHEMICAL JOURNAL, cilt.159, 2020 (SCI-Expanded)
- XIX. **Ultrasensitive voltammetric detection of an antimalarial drug (amodiaquine) at a disposable and low cost electrode**
KARAKAYA S., Kartal B., DİLGİN Y.
MONATSHEFTE FUR CHEMIE, cilt.151, sa.7, ss.1019-1026, 2020 (SCI-Expanded)
- XX. **Development of an interference-minimized amperometric-FIA glucose biosensor at a pyrocatechol violet/glucose dehydrogenase-modified graphite pencil electrode**
Guenes M., KARAKAYA S., DİLGİN Y.
CHEMICAL PAPERS, cilt.74, sa.6, ss.1923-1936, 2020 (SCI-Expanded)
- XXI. **A novel enzyme-free FI-amperometric glucose biosensor at Cu nanoparticles modified graphite pencil electrode**
Ayaz S., KARAKAYA S., Emir G., GİRAY DİLGİN D., DİLGİN Y.
Microchemical Journal, cilt.154, 2020 (SCI-Expanded)
- XXII. **A New Redox Mediator (Cupric-Neocuproine Complex)- Modified Pencil Graphite Electrode for the Electrocatalytic Oxidation of H₂O₂: A Flow Injection Amperometric Sensor**
Emir G., DİLGİN Y., APAK M. R.
ChemElectroChem, cilt.7, sa.3, ss.649-658, 2020 (SCI-Expanded)
- XXIII. **Development and application of a sensitive, disposable and low-cost electrochemical sensing platform for an antimalarial drug: amodiaquine based on poly(calcein)-modified pencil graphite electrode**

- Karakaya S., Kartal B., Dilgin Y.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, ss.1-14, 2020 (SCI-Expanded)
- XXIV. **Sensitive and Rapid Flow Injection Amperometric Hydrazine Sensor using an Electrodeposited Gold Nanoparticle Graphite Pencil Electrode**
TEOMAN I., KARAKAYA S., DİLGİN Y.
ANALYTICAL LETTERS, cilt.52, sa.13, ss.2041-2056, 2019 (SCI-Expanded)
- XXV. **Flow injection amperometric determination of NADH at a calmagite-modified pencil graphite electrode**
GÜNEŞ M., DİLGİN Y.
MONATSHEFTE FÜR CHEMIE, cilt.150, sa.8, ss.1425-1432, 2019 (SCI-Expanded)
- XXVI. **Minimization of Interferences in Flow Injection Amperometric Glucose Biosensor Based on Oxidation of Enzymatically-produced H₂O₂**
KARAKAYA S., DİLGİN Y.
ELECTROANALYSIS, cilt.31, sa.7, ss.1373-1380, 2019 (SCI-Expanded)
- XXVII. **Sensitive Flow-Injection Electrochemical Determination of Hydrogen Peroxide at a Palladium Nanoparticle-Modified Pencil Graphite Electrode**
KARAKAYA S., DİLGİN Y.
ANALYTICAL LETTERS, cilt.52, sa.6, ss.998-1017, 2019 (SCI-Expanded)
- XXVIII. **Flow injection analysis of sulfide at a calmagite-modified pencil graphite electrode**
EMİR G., DİLGİN Y.
Analytical Letters, cilt.51, ss.133-150, 2018 (SCI-Expanded)
- XXIX. **A low-cost, fast, disposable and sensitive biosensor study: flow injection analysis of glucose at polymethylene blue-modified pencil graphite electrode**
DILGIN D. G., ERTEK B., DİLGİN Y.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, cilt.15, sa.6, ss.1355-1363, 2018 (SCI-Expanded)
- XXX. **Electrochemical behavior and voltammetric determination of some nitro-substituted benzamide compounds**
Sağlam O., Cömert Önder F., Güngör T., Ay M., Dilgin Y.
TURKISH JOURNAL OF CHEMISTRY, cilt.42, ss.780-798, 2018 (SCI-Expanded)
- XXXI. **Introductory Note to the Special Issue of "Analytical Letters" for the International Conference: 10th Aegean Analytical Chemistry Days (AACD 2016)**
APAK M. R., DİLGİN Y., Arda A.
ANALYTICAL LETTERS, cilt.51, ss.1-6, 2018 (SCI-Expanded)
- XXXII. **Flow injection amperometric determination of hydrazine based on its electrocatalytic oxidation at pyrocatechol violet modified pencil graphite electrode**
AYAZ S., DİLGİN Y.
Electrochimica Acta, cilt.258, ss.1086-1095, 2017 (SCI-Expanded)
- XXXIII. **Flow Injection Amperometric Analysis of H₂O₂ at Platinum Nanoparticles Modified Pencil Graphite Electrode**
KARAKAYA S., DİLGİN Y.
ELECTROANALYSIS, cilt.29, sa.6, ss.1626-1634, 2017 (SCI-Expanded)
- XXXIV. **Fabrication of Photoelectrochemical Glucose Biosensor in Flow Injection Analysis System Using ZnS/CdS-Carbon Nanotube Nanocomposite Electrode**
Saglam O., DİLGİN Y.
ELECTROANALYSIS, cilt.29, sa.5, ss.1368-1376, 2017 (SCI-Expanded)
- XXXV. **Adsorption and deposition-assisted anodic stripping voltammetry for determination of antimony(III) in presence of hematoxylin on glassy carbon electrode**
Sezgin H. V., DİLGİN Y., GÖKÇEL H. İ.
TALANTA, cilt.164, ss.677-683, 2017 (SCI-Expanded)
- XXXVI. **Photoamperometric flow injection analysis of glucose based on dehydrogenase modified quantum dots-carbon nanotube nanocomposite electrode**

- Ertek B., DİLGİN Y.
BIOELECTROCHEMISTRY, cilt.112, ss.138-144, 2016 (SCI-Expanded)
- XXXVII. **Differential pulse voltammetric determination of eugenol at a pencil graphite electrode**
Sağlam O., GİRAY DİLGİN D., Ertek B., DİLGİN Y.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.60, ss.156-162, 2016 (SCI-Expanded)
- XXXVIII. **Photoelectrochemical glucose biosensor based on a dehydrogenase enzyme and NAD(+)/NADH redox couple using a quantum dot modified pencil graphite electrode**
Ertek B., AKGÜL C., DİLGİN Y.
RSC ADVANCES, cilt.6, sa.24, ss.20058-20066, 2016 (SCI-Expanded)
- XXXIX. **Biosensing of glucose in flow injection analysis system based on glucose oxidase-quantum dot modified pencil graphite electrode**
Sağlam O., KIZILKAYA B., Uysal H., DİLGİN Y.
TALANTA, cilt.147, ss.315-321, 2016 (SCI-Expanded)
- XL. **Sensitive Voltammetric Determination of Natural Flavonoid Quercetin on a Disposable Graphite Lead**
Vu D. L., Zabcikova S., Cervenka L., Ertek B., DİLGİN Y.
FOOD TECHNOLOGY AND BIOTECHNOLOGY, cilt.53, sa.4, ss.379-384, 2015 (SCI-Expanded)
- XLI. **Photocurrent Generation from Thylakoid Membranes on Osmium-Redox-Polymer-Modified Electrodes**
Hamidi H., Hasan K., Emek S. C., DİLGİN Y., Akerlund H., Albertsson P., Leech D., Gorton L.
CHEMSUSCHEM, cilt.8, sa.6, ss.990-993, 2015 (SCI-Expanded)
- XLII. **Adsorptive anodic stripping voltammetric determination of antimony(III) on a glassy carbon electrode using rivastigmine as a new chemical receptor**
Sezgin H. V., GÖKÇEL H. İ., DİLGİN Y.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.209, ss.686-694, 2015 (SCI-Expanded)
- XLIII. **Voltammetric Determination of Tannic Acid in Beverages using Pencil Graphite Electrode**
Vu D. L., Ertek B., DİLGİN Y., Cervenka L.
CZECH JOURNAL OF FOOD SCIENCES, cilt.33, sa.1, ss.72-76, 2015 (SCI-Expanded)
- XLIV. **Sensitive Voltammetric Determination of Niclosamide at a disposable pencil graphite electrode**
Dede E., Sağlam O., DİLGİN Y.
ELECTROCHIMICA ACTA, cilt.127, ss.20-26, 2014 (SCI-Expanded)
- XLV. **Photoelectrochemical Communication between Thylakoid Membranes and Gold Electrodes through Different Quinone Derivatives**
Hasan K., DİLGİN Y., Emek S. C., Tavahodi M., Akerlund H., Albertsson P., Gorton L.
CHEMELECTROCHEM, cilt.1, sa.1, ss.131-139, 2014 (SCI-Expanded)
- XLVI. **DETERMINATION OF ANTI-CANCER DRUG EMODIN USING A SILICA-GEL-MODIFIED CARBON PASTE ELECTRODE**
Vu D. L., Ertek B., DİLGİN Y., Cervenka L.
QUIMICA NOVA, cilt.37, sa.10, ss.1629-1632, 2014 (SCI-Expanded)
- XLVII. **A novel impedimetric sensor based on molecularly imprinted polypyrrole modified pencil graphite electrode for trace level determination of chlorpyrifos**
UYGUN Z. O., DİLGİN Y.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.188, ss.78-84, 2013 (SCI-Expanded)
- XLVIII. **Determination of Tannic Acid Using Silica Gel Modified Carbon Paste Electrode**
Dai Long Vu D. L. V., Ertek B., Cervenka L., DİLGİN Y.
INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE, cilt.8, sa.7, ss.9278-9286, 2013 (SCI-Expanded)
- XLIX. **Electrocatalytic oxidation of NADH using a pencil graphite electrode modified with quercetin**
DİLGİN Y., KIZILKAYA B., Dilgin D. G., GÖKÇEL H. İ., Gorton L.
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.102, ss.816-821, 2013 (SCI-Expanded)
- L. **Flow Injection Amperometric Detection of Sulfide Using a Prussian Blue Modified Glassy Carbon Electrode**

Ertek B., Vu D. L., Cervenka L., DİLGİN Y.

ANALYTICAL SCIENCES, cilt.28, sa.11, ss.1075-1080, 2012 (SCI-Expanded)

- LI. **Electrocatalytic Oxidation of NADH Using a Pencil Graphite Electrode Modified with Hematoxylin**
DİLGİN Y., Ertek B., KIZILKAYA B., Dilgin D. G., GÖKÇEL H. İ.
SCIENCE OF ADVANCED MATERIALS, cilt.4, sa.9, ss.920-927, 2012 (SCI-Expanded)
- LII. **Electrocatalytic oxidation of sulphide using a pencil graphite electrode modified with hematoxylin**
DİLGİN Y., KIZILKAYA B., Ertek B., Isik F., Dilgin D. G.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.171, ss.223-229, 2012 (SCI-Expanded)
- LIII. **Determination of Quercetin in Medicinal Plants Such as Rose Hip (Rosa canina), Bettle (Urtica dioica), Terebinth (Terebinthina chica) and Purslane (Portulaca oleracea) using HPLC-MS Method**
ÖZCAN C., DİLGİN Y., YAMAN M.
ASIAN JOURNAL OF CHEMISTRY, cilt.24, sa.8, ss.3396-3400, 2012 (SCI-Expanded)
- LIV. **Flow injection analysis of sulphide based on its photoelectrocatalytic oxidation at poly-methylene blue modified glassy carbon electrode**
Dilgin Y., Canarslan S., AYYILDIZ Ö., Ertek B., Nisli G.
ELECTROCHIMICA ACTA, cilt.66, ss.173-179, 2012 (SCI-Expanded)
- LV. **Amperometric determination of sulfide based on its electrocatalytic oxidation at a pencil graphite electrode modified with quercetin**
DİLGİN Y., KIZILKAYA B., Ertek B., Erena N., Dilgin D. G.
TALANTA, cilt.89, ss.490-495, 2012 (SCI-Expanded)
- LVI. **Glassy carbon electrode modified with poly-Neutral Red for photoelectrocatalytic oxidation of NADH**
GİRAY DİLGİN D., Gligor D., GÖKÇEL H. İ., DURSUN Z., DİLGİN Y.
MICROCHIMICA ACTA, cilt.173, ss.469-476, 2011 (SCI-Expanded)
- LVII. **Photoelectrocatalytic determination of NADH in a flow injection system with electropolymerized methylene blue**
DİLGİN Y., GİRAY DİLGİN D., DURSUN Z., GÖKÇEL H. İ., Gligor D., Bayrak B., Ertek B.
ELECTROCHIMICA ACTA, cilt.56, sa.3, ss.1138-1143, 2011 (SCI-Expanded)
- LVIII. **Adsorption and removal of Cu (II) ions from aqueous solution using pretreated fish bones**
KIZILKAYA B., TEKINAY A. A., DİLGİN Y.
DESALINATION, cilt.264, ss.37-47, 2010 (SCI-Expanded)
- LIX. **Photoelectrocatalytic oxidation of NADH in a flow injection analysis system using a poly-hematoxylin modified glassy carbon electrode**
GİRAY DİLGİN D., Gligor D., GÖKÇEL H. İ., DURSUN Z., DİLGİN Y.
BIOSENSORS & BIOELECTRONICS, cilt.26, sa.2, ss.411-417, 2010 (SCI-Expanded)
- LX. **Poly-phenothiazine derivative-modified glassy carbon electrode for NADH electrocatalytic oxidation**
Gligor D., DİLGİN Y., Popescu I. C., Gorton L.
ELECTROCHIMICA ACTA, cilt.54, sa.11, ss.3124-3128, 2009 (SCI-Expanded)
- LXI. **Photoelectrocatalytic Oxidation of NADH at a Graphite Electrode Modified with a New Polymeric Phenothiazine**
Gligor D., DİLGİN Y., Popescu I. C., Gorton L.
ELECTROANALYSIS, cilt.21, ss.360-367, 2009 (SCI-Expanded)
- LXII. **Electrochemical behaviour of 5-benzyl-4-(4'-methylphenyl)-4H-1,2,4-triazole-3-thiol by voltammetry**
Dilgin Y., KOPARIR M., CETIN A., CANSIZ A., Yilmaz S., GIRAY D.
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, cilt.84, sa.10, ss.1024-1025, 2007 (SCI-Expanded)
- LXIII. **Electrochemical behaviour of 5-(Furan-2-yl)-4-(p-tolyl)-2,4-dihydro-1,2,4-triazole-3-thione by using glassy carbon electrode**
DİLGİN Y., Cansiz A., Cetin A., Kutulay P., ORAL A., YILMAZ S.
ASIAN JOURNAL OF CHEMISTRY, cilt.19, sa.4, ss.3221-3227, 2007 (SCI-Expanded)
- LXIV. **Osteryoung square wave voltammetric determination of phenazopyridine hydrochloride in human urine and tablet dosage forms based on electrochemical reduction at carbon paste electrode**
ÇITAK M., Yilmaz S., Dilgin Y., Tuerker G., Yagmur S., Erdugan H., ERDUĞAN N.

- CURRENT PHARMACEUTICAL ANALYSIS, cilt.3, sa.2, ss.141-145, 2007 (SCI-Expanded)
- LXV. **Determination of heavy metal pollution with environmental physicochemical parameters in waste water of Kocabas Stream (Biga, Canakkale, Turkey) by ICP-AES**
Yayintas O. T., Yilmaz S., Turkoglu M., Dilgin Y.
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.127, ss.389-397, 2007 (SCI-Expanded)
- LXVI. **Photoelectrocatalytic oxidation of NADH with electropolymerized Toluidine Blue O**
Dilgin Y., Gorton L., Nisli G.
ELECTROANALYSIS, cilt.19, ss.286-293, 2007 (SCI-Expanded)
- LXVII. **Electrochemical oxidation of prednisolone at glassy carbon electrode and its quantitative determination in human serum and tablets by Osteryoung square wave voltammetry**
Yilmaz S., SKRZYPEK S., Dilgin Y., Yagmur S., Coskun M.
CURRENT ANALYTICAL CHEMISTRY, cilt.3, sa.1, ss.41-46, 2007 (SCI-Expanded)
- LXVIII. **Flow injection photoamperometric investigation of ascorbic acid using methylene blue immobilized on titanium phosphate**
Dilgin Y., Nisli G.
ANALYTICAL LETTERS, cilt.39, sa.3, ss.451-465, 2006 (SCI-Expanded)
- LXIX. **Electrochemical study of natamycin - analytical application to pharmaceutical dosage forms by differential pulse voltammetry**
Aki C., YILMAZ S., DILGIN Y., YAGMUR S., SUREN E.
PHARMAZIE, cilt.60, sa.10, ss.747-750, 2005 (SCI-Expanded)
- LXX. **Fluorimetric determination of Ascorbic Acid in Vitamin C tablets using methylene blue**
Dilgin Y., NISLI G.
CHEMICAL & PHARMACEUTICAL BULLETIN, cilt.53, sa.10, ss.1251-1254, 2005 (SCI-Expanded)
- LXXI. **Photoelectrochemical investigation of methylene blue immobilised on zirconium phosphate modified carbon paste electrode in flow injection system**
Dilgin Y., Dursun Z., Nisli G., Gorton L.
ANALYTICA CHIMICA ACTA, cilt.542, sa.2, ss.162-168, 2005 (SCI-Expanded)
- LXXII. **Speciation of lead in soils and relation with its concentration in fruits**
Yaman M., Dilgin Y., Gucer S.
ANALYTICA CHIMICA ACTA, cilt.410, ss.119-125, 2000 (SCI-Expanded)

Kitap & Kitap Bölümleri

I. Enzyme-Based Photoelectrochemical Biosensors

DİLGİN Y., GİRAY DİLGİN D.

Book Series:50th Year of Hacettepe University Smart Biosensing Technologies: Past Present and Future, Adil DENİZLİ, ArzumERDEM GÜRSAN and Mustafa kemal SEZGİNTÜRK, Editör, Hacettepe University-Palme Yayıncılık, ss.70-100, 2019

II. Enzyme-Based Photoelectrochemical Biosensor

DİLGİN Y., GİRAY DİLGİN D.

Book Series- 50th Year of Hacettepe University Smart Biosensing Technologies: Past, Present and Future, Series Editor: Prof. Dr. Adil DENİZLİ, Editors: Prof. Dr. Arzum ERDEM GÜRSAN, Prof. Dr. Mustafa Kemal SEZGİNTÜRK, Editör, Hacettepe University, Ankara, ss.69-101, 2018

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Flow Injection Amperometric Detection of Formaldehyde at Bimetal Nanoparticles Modified Pencil Graphite Electrodes

GİRAY DİLGİN D., EMİR G., SELEN A., KARAKAYA S., DİLGİN Y.

2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.82

- II. **An Enzyme Free Flow Injection Amperometric Glucose Biosensor Using a Cu Nanoparticle Modified Pencil Graphite Electrode**
SELEN A., EMİR G., KARAKAYA S., GİRAY DİLGİN D., DİLGİN Y.
4th International Congress on Biosensors, Çanakkale, Türkiye, 8 - 11 Temmuz 2019, ss.109
- III. **Electrochemical Sensors/Biosensors Using Nanomaterials/Polymer Modified Pencil Graphite Electrodes**
GİRAY DİLGİN D., DİLGİN Y.
II. International Joint Science Congress of Materials and Polymers ISCMP ALBANIA 2018 s, 9 - 12 Kasım 2018
- IV. **Developments and applications in enzyme based photoelectrochemical biosensors**
DİLGİN Y., GİRAY DİLGİN D.
8th Black Sea Basin Conference on Analytical Chemistry (8th BBCAC), İstanbul, Türkiye, 9 - 11 Mayıs 2018
- V. **Glucose Biosensing in Flow Injection Analysis System using Poly- Pyrocatechol violet modified Pencil Graphite Electrode**
GÜNEŞ M., DİLGİN Y.
The International Joint Science Congress of Materials and Polymers ISCMP MACEDONIA 2017, 25 - 28 Ağustos 2017
- VI. **Electropolymerization of Aromatic Sulphonic Acid Dyes on Pencil Graphite Electrode for Electrochemical Sensor in Flow Injection Analysis**
EMİR G., PARALI S., DİLGİN Y.
The International Joint Science Congress of Materials and Polymers ISCMP MACEDONIA 2017, 25 - 28 Ağustos 2017
- VII. **A New Flow Cell for Pencil Graphite Electrode and Its Using Biosensing of Glucose in FIA System**
GİRAY DİLGİN D., DİLGİN Y.
1st European 10th German BioSensor Symposium, Potsdam, Almanya, 20 - 23 Mart 2017
- VIII. **Electrocatalytic Determination of NADH in Flow Injection Analysis System at Pyrocatechol Violet PCV Modified Pencil Graphite Electrode**
güneş m., DİLGİN Y.
International Conference: 10th Aegean Analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül - 02 Ekim 2016
- IX. **Determination of Antimony III with Rivastigmine by Adsorptive Stripping Voltammetry on a Glassy Carbon Electrode**
GÖKÇEL H. İ., vardar sezgin H., DİLGİN Y.
International Conference: 10th Aegean Analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül - 02 Ekim 2016
- X. **Flow Injection Analysis of Sulfide at Calmagite CLM Modified Pencil Graphite Electrode**
EMİR G., DİLGİN Y.
International Conference: 10th Aegean Analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül - 02 Ekim 2016
- XI. **Electrocatalytic Oxidation of Hydrazine in Flow Injection Analysis System using Pyrocatechol Violet PCV Modified Pencil Graphite Electrode**
PARALI S., DİLGİN Y.
International Conference: 10th Aegean analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül - 02 Ekim 2016
- XII. **Altın Nanoparçacık Modifiye Kalem Grafit Elektrot Kullanılarak H₂O₂ in Akışa Enjeksiyon Analiz Sisteminde Elektrokimyasal Tayini**
KARAKAYA S., DİLGİN Y.
8. ULUSAL ANALİTİK KİMYA KONGRESİ, Isparta, Türkiye, 30 Mayıs - 03 Haziran 2016
- XIII. **Fotoelektrokimyasal Biyosensör ve Sensör Uygulamaları**
DİLGİN Y.
8. Ulusal Analitik Kimya Kongresi, Isparta, Türkiye, 30 Mayıs - 03 Temmuz 2016
- XIV. **Photoelectrochemical Glucose Biosensor in FIA using quantum dot modified electrode**
DİLGİN Y., ERTEK B., SAĞLAM Ö.
XXIII International Symposium on Bioelectrochemistry and Bioenergetics of the Bioelectrochemical Society, Malmö, İsveç, 14 - 18 Haziran 2015
- XV. **Low cost and highly selective electrochemical impedance spectroscopy based molecularly**

imprinted sensor for pesticide chlorpyrifos detection

UYGUN Z. O., DİLGİN Y.

XXIII International Symposium on Bioelectrochemistry and Bioenergetics of the Bioelectrochemical Society, 14 - 18 Haziran 2015

- XVI. **PHOTOELECTROCHEMICAL DNA BIOSENSOR BASED ON QUANTUM DOT MODIFIED PENCIL GRAPHITE ELECTRODE**
ERTEK B., SAĞLAM Ö., DİLGİN Y.
2nd International Congress on Biosensor, Türkiye, 10 - 12 Haziran 2015
- XVII. **Importance of Composite Electrodes in Electroanalytical applications**
DİLGİN Y., DURSUN Z., NİŞLİ G., GÖKÇEL H. İ., BERİN Y.
IVth International Polymeric Composites Symposium, Exhibition and Brokerage Event, 7 - 09 Mayıs 2015
- XVIII. **Fabrication of photoelectrochemical glucose biosensor depending on dehydrogenase enzyme and NAD NADH redox couple using quantum dot modified pencil graphite electrode**
Ertek B., DİLGİN Y.
9th Aegean Analytical Chemistry Days, 29 Eylül - 03 Ekim 2014
- XIX. **Photoelectrochemical sensors for determination of biologically and environmentally important compounds**
DİLGİN Y., Nişli G., Gorton L.
9th Aegean Analytical Chemistry Days, 29 - 03 Ekim 2014
- XX. **Photoelectrochemical glucose biosensor in FIA system based on glucose oxidase quantum dot modified MWCNT GCE**
Sağlam Ö., DİLGİN Y.
9th Aegean Analytical Chemistry Days, 29 Eylül - 03 Ekim 2014
- XXI. **Nitroreduktaz Esaslı Kanser Tedavisinde Kullanılabilecek Bazı Nitroaromatik Amid İlaç Öncü Bileşiklerin Elektrokimyasal İncelenmesi**
AY M., DİLGİN Y., Cömert Önder F., GÜNGÖR T., Sağlam Ö., ÇELİK A.
2. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Türkiye, 21 - 23 Mart 2014, ss.807
- XXII. **Multi wall nanotubes modified carbon paste electrode and pre treated pencil graphite electrode for ascorbic acid determination**
CERVENKA L., VU D. L., SYS M., ERTEK B., DİLGİN Y., VYTRAS K.
6th International Symposium on Recent Advances in Food Analysis, 5 - 08 Kasım 2013
- XXIII. **Electrochemical Communication between Thylakoid Membranes and Osmium Redox Polymers Modified Electrodes**
GORTON L., HASSAN K., HAMİDİ H., EMEK S. C., DİLGİN Y., LEECH D., AKERLUND H. E., ALBERTSSON P. A.
224th ECS Meeting, 27 Ekim - 01 Kasım 2013
- XXIV. **Voltammetric determination of niclosamide at a pencil graphite electrode**
Dede E., Sağlam Ö., DİLGİN Y.
10th International Electrochemistry Meeting in TURKEY, 4 - 08 Eylül 2013
- XXV. **Voltammetric behavior of rosmarinic acid at a pencil graphite electrode**
UÇAR T., ERTEK B., DİLGİN Y.
10th International Electrochemistry Meeting in TURKEY, 4 - 08 Eylül 2013
- XXVI. **Electrocatalytic oxidation of NADH at poly neutral red modified pencil graphite electrode**
ÇAKIN A., GİRAY DİLGİN D., DİLGİN Y.
10th International Electrochemistry Meeting in TURKEY, 4 - 08 Eylül 2013
- XXVII. **Mediated and Direct Electrochemical Communication between Photosynthetic Cells Membranes and Electrodes**
GORTON L., PATİL S., HASSAN K., LEECH D., CECILIA H., PACKER M., HAMİDİ H., EMEK S. C., DİLGİN Y., AKERLUND H. E., et al.
The Sixth International Workshop on Surface Modification for Chemical and Biochemical Sensing, 8 - 12 Kasım 2012
- XXVIII. **Flow Injection Analysis of sulphide depends on its photoelectrocatalytic oxidation at poly methylene**

blue modified glassy carbon electrode

DİLGİN Y., SEDA C., AYYILDIZ Ö., ERTEK B., NİŞLİ G.

9th International Electrochemistry Meeting in TURKEY, 25 - 29 Eylül 2011

- XXIX. **Electrocatalytic Oxidation of NADH using a pencil graphite electrode modified with quercetin**
DİLGİN Y., KIZILKAYA B., GİRAY DİLGİN D., GÖKÇEL H. İ., GORTON L.
9th International Electrochemistry Meeting in TURKEY, 25 - 29 Eylül 2011
- XXX. **Amperometric Determination of Sulphide depend on its electrocatalytic oxidation at apencil graphite electrode modified with quercetin**
ERTEK B., ERAN N., DİLGİN Y., KIZILKAYA B., GİRAY DİLGİN D., GİRAY DİLGİN D.
9th International Electrochemistry Meeting in TURKEY, 25 - 29 Eylül 2011
- XXXI. **The effect of light on the electrocatalytic oxidation of NADH using a poly brilliant cresyl blue modified glassy carbon eelctrode**
ERTEK B., CEYLAN BAKIR Ç., BAYRAK B., DURSUN Z., DİLGİN Y.
8th International Electrochemistry Meeting, 8 - 11 Ekim 2009
- XXXII. **Photoelectrocatalysis of NADH with electropolymerized modified electrodes**
DİLGİN Y., GLIGOR D., GORTON L.
7th Spring Meeting of International Society of Electrochemistry, 22 - 25 Mart 2009
- XXXIII. **Carbon based composite electrodes and their applications in analysis**
DİLGİN Y., NİŞLİ G.
Polymeric Composites Symposium- Exhibition and Workshops (International Participant), 28 - 30 Kasım 2008
- XXXIV. **Electropolymerization of hematoxylin for electrocatalytic oxidation of NADH**
DİLGİN Y., KAYA İ., GİRAY DİLGİN D., GÖKÇEL H. İ., DURSUN Z.
6th Aegean Analytical Chemistry Days, 9 - 12 Ekim 2008
- XXXV. **Electrocatalytic detection of nadh using glassy carbon electrodes modified with a new poly phenothiazine derivative**
DELIA G., DİLGİN Y., POPESCU I. C., GORTON L.
59th Annual Meeting of the International Society of Electrochemistry, 7 - 12 Eylül 2008
- XXXVI. **A new polymeric phenothiazine compound for electrocatalytic oxidation of NADH**
GLIGOR D., DİLGİN Y., POPESCU I. C., GORTON L.
International Conference on Electroanalysis, ESEAC 2008, 16 - 19 Haziran 2008
- XXXVII. **PRİDİNYUM KLOROKROMAT (PCC), TETRAKİS(PRİDİNYUM)GÜMÜŞ DİKROMAT (Py4Ag2Cr2O7) ve TETRAKİS(NİKOTİNYUM)GÜMÜŞ DİKROMAT (3-HOOC4H4N)4Ag2Cr2O7) BİLEŞİKLERİNİN ELEKTROKİMYASAL DAVRANIŞLARININ İNCELENMESİ**
AYDIN F., DİLGİN Y., YILMAZ S.
III.Ulusal Analitik Kimya Kongresi, Çanakkale, Çanakkale, Türkiye, 5 - 07 Temmuz 2006
- XXXVIII. **Photoelectrocatalytic Oxidation of NADH with Electropolymerized Toluidine Blue O**
DİLGİN Y., GORTON L., NİŞLİ G.
International Conference on Electroanalysis, 11 - 15 Haziran 2006
- XXXIX. **Advantages of Electroanalytical Techniques for Determination of Ascorbic Acid in Dairy and Drug Samples**
DİLGİN Y., GÜRSOY O.
The Second International Conference of Pharmaceutical and Drug Industries Division, NRC, 7 - 09 Mart 2005
- XL. **Characterization and electrochemical behavior of acid activated muscovite by using methylene blue adsorption**
DİLGİN Y., BALKÖSE D., NİŞLİ G.
4th Aegean Analytical Chemistry Days, 29 Eylül - 03 Ekim 2004
- XLI. **Photoelectrochemical Investigation of Methylene Blue Immobilized on Zirconium Phosphate Composite Carbon Paste Electrode in Flow Injection System**
DİLGİN Y., DURSUN Z., ŞAĞBAN G., NİŞLİ G.
Third Aegean Analytical Chemistry Days, 29 Eylül - 03 Ekim 2002
- XLII. **Voltammetric investigation of modified carbon paste electrode with methylene blue on muscovite**

OĞUZ KILIÇ D., DİLGİN Y., DURSUN Z., NIŞLİ G.

Second Aegean Analytical Chemistry Days, 1 - 04 Kasım 2000

XLIII. Speciation of iron and manganese in soils and relation with their contents in fruits

YAMAN M., DİLGİN Y., OKUMUŞ N.

CSI XXXI Pre-Symposium, Spectroscopic Methods for Speciation of Elements, 1 - 04 Eylül 1999

XLIV. Distribution of some toxic metals between water and sludge in domestic waste water treatment plant

YAMAN M., HASAR H., CUCİ Y., DİLGİN Y.

CSI XXXI Pre-Symposium, Spectroscopic Methods for Speciation of Elements, 1 - 04 Eylül 1999

Desteklenen Projeler

KARAKAYA S., KARTAL B., DİLGİN Y., Yükseköğretim Kurumları Destekli Proje, Modifiye Edilmiş Kalem Grafit Elektrot ile Antimarial İlaç Amodiakinin Tayinine Yönelik Bir Elektrokimyasal Sensörün Tasarlanması ve Uygulaması, 2019 - 2020

Metrikler

Yayın: 179

Atıf (WoS): 1473

Atıf (Scopus): 1681

H-İndeks (WoS): 24

H-İndeks (Scopus): 25