Arş.Gör. SELEN AYAZ

Kişisel Bilgiler

İş Telefonu: +90 222 98
E-posta: selen.ayaz@comu.edu.tr
Web: https://avesis.comu.edu.tr/selen.ayaz

Uluslararası Araştırmacı ID'leri
ORCID: 0000-0003-0320-3551
Publons / Web Of Science ResearcherID: CCW-4073-2022
Yoksis Araştırmacı ID: 370846

Eğitim Bilgileri

Doktora, Çanakkale Onsekiz Mart Üniversitesi, Fen Fakültesi, Kimya, Türkiye 2018 - Devam Ediyor
Yüksek Lisans, Çanakkale Onsekiz Mart Üniversitesi, Fen Fakültesi, Kimya, Türkiye 2015 - 2018
Lisans, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, Türkiye 2010 - 2015

Araştırma Alanları

Temel Bilimler

Akademik Unvanlar / Görevler

Araştırma Görevlisi, Çanakkale Onsekiz Mart Üniversitesi, Fen Fakültesi, Kimya, 2022 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. **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)

II. **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)

III. **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)

IV. **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)

V. **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)

VI. **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)

VII. **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)

VIII. **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)

IX. **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)

Metrikler

Yayın: 10
Atıf (WoS): 78
Atıf (Scopus): 103
H-İndeks (WoS): 4
H-İndeks (Scopus): 5