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International Researcher IDs

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Publons / Web Of Science ResearcherID: CCW-4073-2022

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Education Information

Doctorate, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, Turkey 2018 - Continues

Postgraduate, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, Turkey 2015 - 2018

Undergraduate, Ege University, Faculty Of Science, Kimya Bölümü, Turkey 2010 - 2015

Research Areas

Natural Sciences

Academic Titles / Tasks

Research Assistant, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, 2022 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- 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, vol.191, no.8, 2024 (SCI-Expanded)
- II. **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, vol.266, 2024 (SCI-Expanded)
- III. **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, vol.8, no.49, pp.47163-47172, 2023 (SCI-Expanded)
- IV. **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., Usaklıgil N., GİRAY DİLGİN D., DİLGİN Y.
ANALYTICAL LETTERS, vol.55, no.13, pp.2046-2057, 2022 (SCI-Expanded)
- V. **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, vol.189, no.4, 2022 (SCI-Expanded)

- VI. **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, vol.152, no.12, pp.1491-1503, 2021 (SCI-Expanded)
- VII. **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, vol.45, no.20, pp.9143-9151, 2021 (SCI-Expanded)
- VIII. **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, vol.159, 2020 (SCI-Expanded)
- IX. **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, vol.154, 2020 (SCI-Expanded)
- X. **Flow injection amperometric determination of hydrazine based on its electrocatalytic oxidation at pyrocatechol violet modified pencil graphite electrode**
AYAZ S., DİLGİN Y.
Electrochimica Acta, vol.258, pp.1086-1095, 2017 (SCI-Expanded)

Metrics

Publication: 12

Citation (WoS): 104

Citation (Scopus): 113

H-Index (WoS): 6

H-Index (Scopus): 6