

Asst. Prof. SEÇİL KIRLANGIÇ ATAŞEN

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 2012 - 2019

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 2010 - 2012

Undergraduate, Istanbul Technical University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 2005 - 2010

Dissertations

Doctorate, Fonksiyonel ferrosenil naftakinon ve çinko ftalosiyanın bileşiklerine dayalı voltametrik be²⁺ iyon sensörlerinin geliştirilmesi, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kimya (Dr), 2019

Postgraduate, Kullanılmış ve kullanılmamış floresan lambalarda cıva tayini, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 2012

Research Areas

Natural Sciences

Academic Titles / Tasks

Assistant Professor, Istanbul Gelisim University, VOCATIONAL SCHOOL OF HEALTH SERVICES, LABORATORY TECHNOLOGY, 2020 - Continues

Lecturer PhD, Istanbul Gelisim University, VOCATIONAL SCHOOL OF HEALTH SERVICES, LABORATORY TECHNOLOGY, 2020 - 2020

Courses

Bitki ve Toprak Analizleri, Associate Degree, 2023 - 2024, 2022 - 2023

Kimya, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Enstrümantal Analiz, Associate Degree, 2022 - 2023, 2021 - 2022

Kimya, Associate Degree, 2023 - 2024, 2021 - 2022, 2020 - 2021

Temel Kimya, Associate Degree, 2023 - 2024, 2021 - 2022, 2020 - 2021

Analitik Kimya, Undergraduate, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Construction of anthraquinone functional zinc phthalocyanine sensor platform for ultra-trace amount of water determination in tetrahydrofuran and N,N-Dimethylformamide**
Yıldırım M. S., Alçay Y., Yavuz Ö., Atasen S., Mermer Z., Arıbuğa H., Yılmaz İ.
Analytica Chimica Acta, vol.1198, 2022 (SCI-Expanded)
- II. **Architecture of multi-channel and easy-to-make sensors for selective and sensitive Hg²⁺ ion recognition through Hg–C and Hg–N bonds of naphthoquinone-aniline/pyrene union**
Mermer Z., Yavuz Ö., Atasen S., Alçay Y., Yılmaz İ.
Journal of Hazardous Materials, vol.410, 2021 (SCI-Expanded)
- III. **Synthesis and Spectro-Electrochemical Properties of New Metallophthalocyanines Having High Electron Transfer Capability**
Bayrak R., Atasen S., Yılmaz İ., Yalçın İ., Erman M., ÜNVER Y., DEĞİRMENCİOĞLU İ.
Journal of Molecular Structure, vol.1231, 2021 (SCI-Expanded)
- IV. **Beryllium ion sensing through the ion pair formation between the electrochemically reduced ferrocenyl naphthoquinone radicals and Be²⁺ ions**
Atasen S., Alçay Y., Yavuz Ö., Yücel B., Yılmaz İ.
Journal of Chemical Sciences, vol.131, no.5, 2019 (SCI-Expanded)
- V. **Superior Sensor for Be²⁺ Ion Recognition via the Unprecedented Octahedral Crystal Structure of a One-Dimensional Coordination Polymer of Crown Fused Zinc Phthalocyanine**
Yavuz Ö., Alçay Y., Kaya K., Sezen M., Kirlangic Atasen S., Yıldırım M. S., Özkılıç Y., Tüzün N., Yılmaz İ.
Inorganic Chemistry, vol.58, no.1, pp.909-923, 2019 (SCI-Expanded)
- VI. **New ferrocenyl naphthoquinone fused crown ether chemosensors: Highly selective, kinetically and regio controlled colorimetric, beryllium ion recognition**
Alçay Y., Yavuz Ö., Gelir A., Atasen S., KARAOĞLU K., Yücel B., Tüzün N., Yılmaz İ.
Journal of Organometallic Chemistry, vol.868, pp.131-143, 2018 (SCI-Expanded)

Metrics

Publication: 6

Citation (Scopus): 93

H-Index (Scopus): 6