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International Researcher IDs

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Education

Doctorate, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, Kimya Bölümü, Turkey 2013 - 2018

Postgraduate, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, Kimya Bölümü, Turkey 2010 - 2013

Undergraduate, Van Yüzüncü Yıl University, Fen Fakültesi, Kimya Bölümü, Turkey 1999 - 2003

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Sulu Çözeltilerden U(VI) İle Th(IV)'ün Farklı Adsorbanlarla Adsorpsiyonunun İncelenmesi ve Sentetik Radyoaktif Atık Sulara Uygulanması, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, Kimya/ Fizikokimya, 2018

Postgraduate, Van ve Çevresinde Yetiştirilen Bazı Yöresel Ürünlerde Doğal Radyoaktivite Seviyelerinin Belirlenmesi, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, Kimya/ Fizikokimya, 2013

Research Areas

Chemistry, Physical Chemistry, Chemical Kinetics, Polymeric Adsorbents, Thermodynamics, Natural Sciences

Academic Positions

Assistant Professor, Van Yüzüncü Yıl University, Fen Fakültesi, Kimya Bölümü, 2019 - Continues

Supervised Theses

Öter Ç., Determination of c-reactive protein with molecularly imprinted polymers, Postgraduate, A.TAHER(Student), 2023

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Polymeric Adsorbent for the Effective Removal of Toxic Dyes from Aqueous Solutions: Equilibrium, Kinetic, and Thermodynamic Modeling**
Öter Ç., Gökkuş K., Gür M., Bütün V.
CHEMISTRYSELECT, vol.9, no.e202403526, pp.1-11, 2024 (SCI-Expanded)
- II. **Preparation of versatile polymer particles and their application for elimination of bromophenol blue and phenol from aqueous environment**
Gökkuş K., Öter Ç., Amlani M., Gür M., Bütün V.
DESALINATION AND WATER TREATMENT, vol.318, no.100402, pp.1-12, 2024 (SCI-Expanded)
- III. **Removal of nafcillin from aqueous solution with green synthesis iron oxide nanoparticles**
Öter C.
TOXICOLOGY RESEARCH, vol.12, no.6, pp.1095-1104, 2023 (SCI-Expanded)
- IV. **Molecularly imprinted polymer preparations for selective detection of C-reactive protein: Thermodynamic and kinetic studies**
Öter Ç., Tawfeeq A.
JOURNAL OF POLYMER SCIENCE, vol.61, no.17, pp.2002-2009, 2023 (SCI-Expanded)
- V. **Preparation a Magnetic Molecular Imprinted Polymer for Specific Adsorption of Pharmaceutical Pollutants**
Öter Ç.
CHEMISTRYSELECT, vol.8, no.27, pp.1-8, 2023 (SCI-Expanded)
- VI. **Removal of lithium from aqueous solutions by solid-phase extraction using sawdust loaded with magnetite nanoparticles and study of apoptosis, MDA and 8-OHdG caused by lithium toxicity in fish brain**
Öter Ç., Yeltekin A. Ç., Ammer Abbas El-Tekreti S.
Toxicology and Industrial Health, vol.39, no.3, pp.158-168, 2023 (SCI-Expanded)
- VII. **Synthesis and characterization of a molecularly imprinted polymer adsorbent for selective solid-phase extraction from wastewater of propineb**
Öter Ç., Selçuk Zorer Ö.
POLYMER BULLETIN, vol.79, no.10, pp.8503-8516, 2022 (SCI-Expanded)
- VIII. **Solid Phase Extraction for the Determination of Methylene Blue Using Lignocellulosic Biosorbent in Aqueous Solutions**
Öter Ç.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.109, no.2, pp.352-357, 2022 (SCI-Expanded)
- IX. **Adsorption behaviours of Th(IV) and U(VI) using nitric acid (HNO₃) modified activated carbon: equilibrium, thermodynamic and kinetic studies**
Öter Ç., Selçuk Zorer Ö.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.101, no.14, pp.1950-1965, 2021 (SCI-Expanded)
- X. **Kinetic, isothermal and thermodynamic studies on Th(IV) adsorption by different modified activated carbons**
Öter Ç., Selçuk Zorer Ö.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.323, pp.341-351, 2020 (SCI-Expanded)
- XI. **Evaluation of gross radioactivity in foodstuffs**
Zorer Ö., ÖTER Ç.
KERNTECHNIK, vol.80, no.2, pp.174-180, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Bioadsorbent (Rice Grains) Efficiency in Mercury II Removal from Aqueous Solutions: Adsorption Kinetics, Isotherm and Thermodynamics**
Öter Ç.
Hittite Journal of Science and Engineering, vol.8, no.4, pp.313-320, 2021 (Peer-Reviewed Journal)
- II. **Molecularly imprinted polymer synthesis and selective solid phase extraction applications for the detection of ziram, a dithiocarbamate fungicide**
Öter Ç., Selçuk Zorer Ö.
Chemical Engineering Journal Advances, vol.7, pp.1-10, 2021 (Peer-Reviewed Journal)
- III. **Removal of Cr (VI) from Wastewater by Adsorption on Ginger Powder**
Öter Ç.
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.9, pp.480-492, 2021 (Peer-Reviewed Journal)
- IV. **Uranil iyonlarının sulu çözeltilerden amidoksimatlı poli[N --(3,4 disiyanofenil) akrilamid üzerine adsorpsiyonu**
Öter Ç., Selçuk Zorer Ö.
Avrupa Bilim ve Teknoloji Dergisi, vol.17, pp.131-144, 2019 (Peer-Reviewed Journal)
- V. **Rat Eritrositlerinden Elde Edilen Katalaz Enziminin Karakterizasyonu ve Kinetiğinin İncelenmesi**
ÇİMEN Ç., Öter Ç., Demir H., Savran A.
VAN VETERINARY JOURNAL, vol.16, no.1, pp.15-20, 2005 (Peer-Reviewed Journal)
- VI. **Rat Eritrositlerinden Katatlaz Enzimi Aktivitesi Üzerinde Bazı İlaçların İnhibisyon Kinetiğinin İncelenmesi'**
Demir H., ÇİMEN Ç., Öter Ç.
Yüzüncü Yıl Üniversitesi Sağlık Bilimleri Dergisi, vol.8, no.2, pp.51-56, 2003 (Peer-Reviewed Journal)

Books

- I. **ASTROCHEMİSTRY**
Öter Ç.
in: CHEMICAL RESEARCH, Prof. Dr. Sevi ÖZ, Editor, İksad Yayınevi, Ankara, pp.3-36, 2021
- II. **Remediation Methods**
Öter Ç.
in: Contemporary Studies in Natural Sciences, Semra BENZER, Berrin TOPUZ, Editor, Akademisyen Kitabevi, Ankara, pp.21-46, 2020

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Biosorption Potential For Cu (II) of Pine Cone**
Öter Ç.
4. International Black Sea Modern Scientific Research Congress, Rize, Turkey, 6 - 07 June 2023, pp.292-306, (Full Text)
- II. **Removal of Mercury II from Aqueous Solutions by Adsorption on a Natural Adsorbent**
Öter Ç.
4th International Conference on Data Science and Applications (ICONDATA), Yalova, Turkey, 4 - 06 July 2021, pp.9, (Summary Text)
- III. **Determination of Hg (II) ions in aqueous solutions by solid phase extraction**
Öter Ç.
4th International Conference on Data Science and Applications (ICONDATA), Yalova, Turkey, 4 - 06 July 2021, pp.121-125, (Full Text)
- IV. **Development of a Method for the Determination of Dyestuffs by Solid Phase Extraction Method**
Öter Ç.

INTERNATIONAL CONGRESS ON BIOLOGICAL AND HEALTH SCIENCES, Afyonkarahisar, Turkey, 26 - 28 February 2021, pp.260, (Summary Text)

V. **Removal of Methyl Orange from Environmental Wastewater Using Coriander Seeds**

Öter Ç.

INTERNATIONAL CONGRESS ON BIOLOGICAL AND HEALTH SCIENCES, Afyonkarahisar, Turkey, 26 - 28 February 2021, pp.91, (Full Text)

VI. **Adsorption of Cr(VI) from Waste Water onto Hornbeam Sawdust**

Öter Ç., Selçuk Zorer Ö.

5rd International Conference on Engineering & Natural Sciences, Van, Turkey, 20 - 22 December 2019, pp.160-169, (Full Text)

VII. **Radyokorunum**

Öter Ç.

5. International Conferences on Engineering & Natural Sciences, Van, Turkey, 20 - 22 December 2019, pp.236, (Full Text)

VIII. **Uranyum Tayini İçin Spektroskopik Yöntemler**

Öter Ç., Selçuk Zorer Ö.

International Ankara Conference on Scientific Researches, Ankara, Turkey, 4 - 06 October 2019, pp.512, (Full Text)

IX. **ADSORPTION OF URANIUM FROM AQUEOUS SOLUTION ONTO UNTREATED COFFEE GROUNDS**

Öter Ç., Selçuk Zorer Ö.

INTERNATIONAL ANKARA CONFERENCE ON SCIENTIFIC RESEARCHES, Ankara, Turkey, 4 - 06 October 2019, pp.362-372, (Full Text)

X. **Farklı Modifiye Aktif Karbon Adsorbentleri ile Toryum (IV) Adsorpsiyonu Değerlendirmeleri**

Selçuk Zorer Ö., Öter Ç.

30. Ulusal Kimya Kongresi, Magusa, Cyprus (Kkct), 5 - 08 November 2018, pp.156, (Full Text)

XI. **KMnO₄ ile Modifiye Edilen Aktif Karbon ile Toryum(IV) İyonu Adsorpsiyonu: Kinetik ve Denge Çalışmaları**

Selçuk Zorer Ö., Öter Ç.

30. Ulusal Kimya Kongresi, Magusa, Cyprus (Kkct), 5 - 08 November 2018, pp.61, (Summary Text)

XII. **Amidoximated poly[N-(3,4-dicyanophenyl)acrilamide]: Synthesis, characterization and thorium sorption properties**

Öter Ç., Selçuk Zorer Ö., Tan M.

7th Rostocker International Conference: "Thermophysical Properties for Technical Thermodynamics, Rostock, Germany, 26 - 27 July 2018, pp.48, (Summary Text)

XIII. **Sorption of U(IV) onto amidoximated poly[N-(3,4-dicyanophenyl)acrilamide]**

Öter Ç., Selçuk Zorer Ö.

7th Rostocker International Conference: "Thermophysical Properties for Technical Thermodynamics, Rostock, Germany, 26 - 27 July 2018, pp.92, (Full Text)

XIV. **Comparison Of U(VI) Adsorption Onto Different Adsorbents**

Selçuk Zorer Ö., Öter Ç.

4th International Conference on New Trends in Chemistry, St. Petersburg, Russia, 11 - 13 May 2018, pp.52, (Full Text)

XV. **Adsorption Of Th(IV) Onto Chemically Modified Activated Carbon**

Selçuk Zorer Ö., Öter Ç.

4th International Conference on New Trends in Chemistry, St. Petersburg, Russia, 11 - 13 May 2018, pp.45, (Summary Text)

XVI. **Uranyum Adsorpsiyonunda Kullanılmak Üzere Granül Aktif Karbonun (GAC) Yüzey Modifikasyonu Ve Yapısal Analizi**

Öter Ç., Selçuk Zorer Ö.

Uluslararası Su ve Çevre Kongresi, Bursa, Turkey, 22 - 24 March 2018, pp.163, (Full Text)

XVII. **Modifiye Edilmiş Aktif Karbon Üzerine Uranyumun Sulu Çözeltilerden Adsorpsiyonu**

Öter Ç., Selçuk Zorer Ö.

Uluslararası Su ve Çevre Kongresi, Bursa, Turkey, 22 - 24 March 2018, pp.160, (Full Text)

XVIII. Bazı Yöresel Gıda Maddelerinde Toplam Radyoaktivite Seviyeleri

Öter Ç., Selçuk Zorer Ö.

27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.187, (Full Text)

XIX. Kozmetik Ürünlerinde Radyoaktivite Analizleri

Öter Ç., Selçuk Zorer Ö., REYHANLIOĞLU H., SÖĞÜT Ö., DOĞRU M.

27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.525, (Full Text)

XX. Van Gölü Havzasındaki Göllerde Doğal Radyoaktivite ve 238U Seviyeleri

Selçuk Zorer Ö., Öter Ç., CEYLAN H., DOĞRU M.

Uluslararası Katılımlı 25. Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011, pp.85, (Full Text)

XXI. Bazı Çevresel Örneklerde Radon Analizleri

Selçuk Zorer Ö., Öter Ç., CEYLAN H., DOĞRU M., ŞAHİN S.

Uluslararası Katılımlı 25. Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011, pp.220, (Full Text)

Funded Projects

Öter Ç., GÖK Ö., Project Supported by Higher Education Institutions, PEG/Metakaolin/Nişasta@ZnO Kompozit

FDM'lerin Termal Özelliklerinin ve Boyar Madde Üzerindeki Sonokatalitik Performansının Belirlenmesi, 2024 - Continues

Öter Ç., Yeltekin A. Ç., TUBITAK Project, Adsorption of tartrazine on aged polyvinyl chloride (PVC) from aqueous media: investigation of the toxic effects of PVC and tartrazine on zebrafish, 2025 - 2026

Öter Ç., Project Supported by Higher Education Institutions, Kirlenmiş Sulu Ortamlardan Bazı Antibiyotiklerin Manyetik Moleküler Baskılı Polimerler ile Giderimi, 2021 - 2024

Öter Ç., Project Supported by Higher Education Institutions, Yeşil Sentez Demir Oksit Nanoparçacıkları Kullanılarak Sulu Çözeltilerden Nafsilin Giderimi, 2023 - 2023

Öter Ç., TAHER A., Project Supported by Higher Education Institutions, Moleküler Baskılanmış Polimerlerle C-Reaktif Protein (CRP) Tayini, 2022 - 2023

Öter Ç., Selçuk Zorer Ö., Project Supported by Higher Education Institutions, Moleküler baskılanmış polimerlerin bazı pestisitler için sorbent olarak değerlendirilmesi, 2019 - 2021

Öter Ç., Topal S., TUBITAK Project, Bilim Doğudan Yükselir - Edremit Bilimle Buluşuyor, 2018 - 2019

Selçuk Zorer Ö., ÖTER Ç., Öter Ç., Project Supported by Higher Education Institutions, Sulu Çözeltilerden U(VI) ile Th(IV)'ün Farklı Adsorbanlarla Adsorpsiyonunun İncelenmesi ve Sentetik Radyoaktif Atık Sulara Uygulanması, 2015 - 2018

Peer Reviews in Scientific Publications

JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, SCI Journal, March 2021

JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, SCI Journal, November 2020

JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, SCI Journal, April 2020

JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, SCI Journal, January 2020

Journal of Radioanalytical and Nuclear Chemistry, SCI Journal, December 2019

Journal of Radioanalytical and Nuclear Chemistry, SCI Journal, November 2019

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