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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, Turkey 2008 - 2013

Postgraduate, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, Turkey 2005 - 2008

Undergraduate, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, Turkey 2000 - 2004

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

Vocational Training, Eğiticinin Eğitimi, Cumhuriyet Üniversitesi, 2018

Vocational Training, Biyokimyada Güncel Konular-II Yaz Okulu, Aksaray Üniversitesi, 2016

Vocational Training, Spektoskopi Yaz Okulu, Erzincan Üniversitesi, 2014

Vocational Training, TÜBİTAK PROJE YAZMA EĞİTİMİ, Kafkas Üniversitesi, 2013

Vocational Training, Öğretmenlik Sertifikası / Pedagojik Formasyon Eğitimi, Sivas Cumhuriyet Üniversitesi, 2010

Vocational Training, İyi Üretim Uygulamaları, Cumhuriyet Üniversitesi, 2009

Vocational Training, ISO 9001, Cumhuriyet Üniversitesi, 2009

Vocational Training, Analistik Validasyon Kalibrasyon, Cumhuriyet Üniversitesi, 2009

Dissertations

Doctorate, Poliakrilamat-Kitosan-Kırmızı Çamur/Hidroksiapatit Kompozitlerinin Hazırlanması, Karakterizasyonu ve Kurşun ve Toryum için Adsorban Özelliklerinin Araştırılması, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, 2013

Postgraduate, Poliakrilamat-bentonit/zeolit kompozitlerine Tl^+ ve Tl^{3+} adsorpsiyonunun incelenmesi, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, 2008

Research Areas

Academic Titles / Tasks

Associate Professor, Sivas Cumhuriyet University, Sağlık Bilimleri Fakültesi, Beslenme Ve Diyetetik Bölümü, 2022 - Continues

Associate Professor, Sivas Cumhuriyet University, Zara Ahmet Çuhadaroğlu Meslek Yüksekokulu, Gıda İşleme, 2022 - 2022

Assistant Professor, Sivas Cumhuriyet University, Zara Ahmet Çuhadaroğlu Meslek Yüksekokulu, Gıda İşleme, 2015 - 2022

Assistant Professor, Kafkas University, Faculty Of Arts And Sciences, Department Of Chemistry, 2014 - 2015

Research Assistant, Kafkas University, Faculty Of Arts And Sciences, Department Of Chemistry, 2011 - 2014

Academic and Administrative Experience

Assistant Director of Vocational School, Sivas Cumhuriyet University, Zara Ahmet Çuhadaroğlu Meslek Yüksekokulu, Gıda İşleme, 2021 - 2022

Meslek Yüksekokulu Yönetim Kurulu Üyesi, Sivas Cumhuriyet University, Zara Ahmet Çuhadaroğlu Meslek Yüksekokulu, Gıda İşleme, 2020 - 2022

Head of Department, Sivas Cumhuriyet University, Zara Ahmet Çuhadaroğlu Meslek Yüksekokulu, Gıda İşleme, 2015 - 2022

Erasmus Coordinator, Sivas Cumhuriyet University, 2015 - 2018

Courses

Gıdalarda Renk Maddeleri, Postgraduate, 2023 - 2024

Su Kimyası, Postgraduate, 2023 - 2024

Temel Kimya Laboratuvar-I, Undergraduate, 2023 - 2024

Temel Kimya Laboratuvar Uygulaması-II, Undergraduate, 2022 - 2023

Kariyer Planlama, Undergraduate, 2023 - 2024

Serbest Radikaller ve Antioksidanlar, Undergraduate, 2023 - 2024

ilk yardım, Associate Degree, 2021 - 2022

Laboratuar Teknikleri-I, Associate Degree, 2021 - 2022

Genel Biyoloji, Associate Degree, 2019 - 2020

Proje Hazırlama ve Değerlendirme, Associate Degree, 2018 - 2019

Özel Gıdalar Teknolojisi, Associate Degree, 2018 - 2019

Genel Kimya, Associate Degree, 2019 - 2020

Genel Mikrobiyoloji, Associate Degree, 2018 - 2019

Gıda Kimyası ve Biyokimya, Associate Degree, 2017 - 2018

Endüstriyel Kimya Lab., Undergraduate, 2014 - 2015

Kimyasal Kinetik, Undergraduate, 2014 - 2015

Genel Kimya, Undergraduate, 2014 - 2015

Kimyada Matematik Metotları, Undergraduate, 2014 - 2015

Genel Kimya Lab., Undergraduate, 2014 - 2015

Adsorpsiyon, Doctorate, 2014 - 2015

Enstrümental Analiz Lab., Undergraduate, 2014 - 2015

Jury Memberships

Competition, Sivas Cumhuriyet Üniversitesi, April, 2018

Competition, TÜBİTAK - 2204 - B ORTAOKUL ÖĞRENCİLERİ ARAŞTIRMA PROJELERİ YARIŞMASI, Sivas Cumhuriyet University, April, 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Influential lead uptake using dried and inactivated-fungal biomass obtained from *Panaeolus papilionaceus*: biological activity, equilibrium, and mechanism
Şenol Z. M., Keskin Z. S., Dinçer E., Ayed A. B.
BIOMASS CONVERSION AND BIOREFINERY, vol.1, no.1, pp.1-20, 2024 (SCI-Expanded)
- II. Removal of food dyes using biological materials via adsorption: A review
Şenol Z. M., El Messaoudi Z., Cigeroğlu Z., Miyah Y., Arslanoğlu H., Bağlam N., Kazan-Kaya E. S., Kaur P., Georgin . FOOD CHEMISTRY, vol.139398, pp.1-40, 2024 (SCI-Expanded)
- III. Advances and future perspectives of water defluoridation by adsorption technology: A review
El Messaoudi N., Pfingsten Franco D. S., Gubernat J., Şenol Z. M., Cigeroğlu Z., Allouss , El Hajam M. Environmental Research, vol.118857, pp.1-67, 2024 (SCI-Expanded)
- IV. Influential Biosorption of Lead Ions from Aqueous Solution Using Sand Leek (*Allium Scorodoprasum L.*) Biomass: Kinetic and Isotherm Study
Şenol Z. M., Arslanoğlu H.
BIOMASS CONVERSION AND BIOREFINERY, vol.17, pp.1-15, 2024 (SCI-Expanded)
- V. Clay-based nanomaterials and their adsorptive removal efficiency for dyes and antibiotics: A review
Cigeroğlu Z., El Messaoudi N., Şenol Z. M., Başkan G., Georgin , Gubernat .
Materials Today Sustainability, vol.100735, no.1, pp.1-30, 2024 (SCI-Expanded)
- VI. Preparation of Polyacrylamide Titanium Dioxide Hybrid Nanocomposite by Direct Polymerization and Its Applicability in Removing Crystal Violet from Aqueous Solution
Arslan D. S., Ertap H., Şenol Z. M., El Messaoudi N., Mehmeti V.
Journal of Polymers and the Environment, vol.32, no.1, pp.573-587, 2024 (SCI-Expanded)
- VII. Green synthesis of CuFe2O4 nanoparticles from bioresource extracts and their applications in different areas: a review
El Messaoudi Z., Cigeroğlu Z., Hasdemir Z. M., Kazan-Kaya E. S., Fernine Y., Gubernat S., Lopicic Z.
BIOMASS CONVERSION AND BIOREFINERY, vol.1, no.1, pp.1-18, 2024 (SCI-Expanded)
- VIII. Performance of cross-linked chitosan-zeolite composite adsorbent for removal of Pb2+ ions from aqueous solutions: Experimental and Monte Carlo simulations studies
Hasdemir Z. M., Elma E., El Messaoudi N., Mehmeti V.
JOURNAL OF MOLECULAR LIQUIDS, vol.391, pp.123310-123322, 2023 (SCI-Expanded)
- IX. A comparative review of the adsorption and photocatalytic degradation of tetracycline in aquatic environment by g-C3N4-based materials
El Messaoudi N., Cigeroğlu Z., Hasdemir Z. M., Elhajam M., Noureen L.
JOURNAL OF WATER PROCESS ENGINEERING, vol.55, pp.104150-104173, 2023 (SCI-Expanded)
- X. Removal of methylene blue dye from aqueous solution using pure talc and polyacrylamide-talc composite: isotherms, kinetic and thermodynamic studies
Bilgiç M., Şimşek S., Hasdemir Z. M.
POLYMER BULLETIN, vol.80, pp.11049-11067, 2023 (SCI-Expanded)
- XI. Effective removal of Allura red food dye from water using cross-linked chitosan-diatomite composite beads
Şen N. E., Şenol Z. M.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.1, pp.1-19, 2023 (SCI-Expanded)
- XII. Synthesis and characterization of a new hybrid polymer composite (pollene@polyacrylamide) and

- its applicability in uranyl ions adsorption**
Hasdemir Z. M., Keskin Z. S., Şimşek S.
Journal of Radioanalytical and Nuclear Chemistry, vol.332, no.6, pp.2239-2248, 2023 (SCI-Expanded)
- XIII. Prunus mahaleb shell as a sustainable bioresource for carminic acid removal from aqueous solution: Experimental and theoretical studies**
Keskin Z. S., Şenol Z. M., Kaya S., Şimşek S.
JOURNAL OF MOLECULAR STRUCTURE, vol.1275, pp.1-11, 2023 (SCI-Expanded)
- XIV. Recycling of Labada (Rumex) biowaste as a value-added biosorbent for rhodamine B (Rd-B) wastewater treatment: biosorption study with experimental design optimisation**
Senol Z. M., Çetinkaya S., Arslanoğlu H.
BIOMASS CONVERSION AND BIOREFINERY, vol.13, no.3, pp.2413-2425, 2023 (SCI-Expanded)
- XV. Bioremoval of fast green FCF dye from aqueous solution using cranberry kernel (*Cornus mas L.*) as a lignocellulosic biowaste: equilibrium, kinetics, and mechanism**
HASDEMİR Z. M., Keskin Z. S., Saraç K., ŞİMŞEK S.
International Journal of Environmental Analytical Chemistry, 2023 (SCI-Expanded)
- XVI. Bioremoval of rhodamine B dye from aqueous solution by using agricultural solid waste (almond shell): experimental and DFT modeling studies**
Hasdemir Z. M., Messaoudi N. E., Fernine Y., Keskin Z. S.
Biomass Conversion and Biorefinery, 2023 (SCI-Expanded)
- XVII. Bioremoval of Safranin O dye by the identified lichen species called *Evernia prunastri* biomass; biosorption optimization, isotherms, kinetics, and thermodynamics**
Hasdemir Z. M., Gul U. D., Şimşek S.
BIOMASS CONVERSION AND BIOREFINERY, vol.12, no.9, pp.4127-4137, 2022 (SCI-Expanded)
- XVIII. Insights into Effective Adsorption of Lead ions from Aqueous Solutions by Using Chitosan-Bentonite Composite Beads**
Hasdemir Z. M., Şimşek S.
Journal of Polymers and the Environment, vol.30, no.9, pp.3677-3687, 2022 (SCI-Expanded)
- XIX. High-Performance Material for the Effective Removal of Uranyl Ion from Solution: Computationally Supported Experimental Studies**
Şimşek S., Derin Y., Kaya S., Hasdemir Z. M., Katin K. P., Özer A.
LANGMUIR, vol.1, no.1, pp.1-16, 2022 (SCI-Expanded)
- XX. Synthesis and characterization of chitosan-vermiculite-lignin ternary composite as an adsorbent for effective removal of uranyl ions from aqueous solution: Experimental and theoretical analyses.**
Şenol Z. M., Kaya S., Şimşek S., Katin K. P., Özer A., Marzouki R.
International journal of biological macromolecules, vol.209, no.A, pp.1234-1247, 2022 (SCI-Expanded)
- XXI. Theoretical and experimental insights about the adsorption of uranyl ion on a new designed Vermiculite-Polymer composite**
Şimşek S., Kaya S., Mine Şenol Z. M., Ulusoy H. İ., Katin K., Özer A., Altunay N., Brahmia A.
Journal of Molecular Liquids, vol.352, 2022 (SCI-Expanded)
- XXII. Epichlorohydrin and tripolyphosphate-crosslinked chitosan-kaolin composite for Auramine O dye removal from aqueous solutions: Experimental study and DFT calculations**
HASDEMİR Z. M., ÇETİNKAYA S., YENİDÜNYA A. F., Başoğlu-Ünal F., Ece A.
International Journal of Biological Macromolecules, vol.199, pp.318-330, 2022 (SCI-Expanded)
- XXIII. Treatment of the Allura red food colorant contaminated water by a novel cyanobacteria *Desertifilum tharensis***
Gül Ü. D., Hasdemir Z. M., Taştan B. E.
Water Science and Technology-Water Supply, vol.1, pp.1-12, 2022 (SCI-Expanded)
- XXIV. Effective biosorption of Allura red dye from aqueous solutions by the dried-lichen (*Pseudoevernia furfuracea*) biomass**
Senol Z. M.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.102, no.16, pp.4550-4564, 2022

(SCI-Expanded)

- XXV. **Application of kaolinite-based composite as an adsorbent for removal of uranyl ions from aqueous solution: kinetics and equilibrium study**
HASDEMİR Z. M., KESKİN Z. S., ÖZER A., ŞİMŞEK S.
Journal of Radioanalytical and Nuclear Chemistry, vol.331, no.1, pp.403-414, 2022 (SCI-Expanded)
- XXVI. **A chitosan-based composite for adsorption of uranyl ions; mechanism, isotherms, kinetics and thermodynamics**
Senol Z. M.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.183, pp.1640-1648, 2021 (SCI-Expanded)
- XXVII. **Optimization the removal of lead ions by fungi: Explanation of the mycosorption mechanism**
Hasdemir Z. M., Gül Ü. D., Gurbanov R., Şimşek S.
Journal of Environmental Chemical Engineering, vol.9, no.2, 2021 (SCI-Expanded)
- XXVIII. **Synthesis and characterization of chitosan-vermiculite composite beads for removal of uranyl ions: isotherm, kinetics and thermodynamics studies**
Hasdemir Z. M., Şimşek S., Özer A., Şenol Arslan D.
Journal of Radioanalytical and Nuclear Chemistry, vol.327, no.1, pp.159-173, 2021 (SCI-Expanded)
- XXIX. **Bio-sorption of bisphenol a by the dried- and inactivated-lichen (*Pseudoevernia furfuracea*) biomass from aqueous solutions**
Senol Z. M., Gul U. D., GÜRKAN R.
JOURNAL OF ENVIRONMENTAL HEALTH SCIENCE AND ENGINEERING, vol.18, no.2, pp.853-864, 2020 (SCI-Expanded)
- XXX. **Synthesis and characterization of chitosan-vermiculite composite beads as adsorbent for environmental removal of UO₂²⁺ ions; isotherm, kinetic and thermodynamic studies**
Hasdemir Z. M., Şimşek S., Özer A., Şenol Arslan D.
Journal Of Radioanalytical And Nuclear Chemistry, pp.1, 2020 (SCI-Expanded)
- XXXI. **Insight from adsorption properties of Xylidyl Blue embedded hydrogel for effective removal of uranyl: Experimental and theoretical approaches**
Senol Z. M., ŞİMŞEK S., ULUSOY H. İ., Mahmood A., KAYA S.
POLYMER TESTING, vol.88, 2020 (SCI-Expanded)
- XXXII. **Removal of food dyes from aqueous solution by chitosan-vermiculite beads**
Şenol Z. M., Gürsoy N., Şimşek S., Özer A., Karakuş N.
International Journal of Biological Macromolecules, vol.148, pp.635-646, 2020 (SCI-Expanded)
- XXXIII. **Synthesis and characterization of a polyacrylamide-dolomite based new composite material for efficient removal of uranyl ions**
Senol Z. M., Şimşek S., Ulusoy H. İ., Özer A.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.324, pp.317-330, 2020 (SCI-Expanded)
- XXXIV. **Equilibrium, kinetics and thermodynamics of Pb(II) ions from aqueous solution by adsorption onto chitosan-dolomite composite beads**
Senol Z. M., ŞİMŞEK S.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, pp.1-15, 2020 (SCI-Expanded)
- XXXV. **Assessment of Pb²⁺ removal capacity of lichen (*Evernia prunastri*): application of adsorption kinetic, isotherm models, and thermodynamics**
Senol Z. M., Gul U. D., Şimşek S.
Environmental Science and Pollution Research, vol.26, pp.27002-27013, 2019 (SCI-Expanded)
- XXXVI. **Effective UO₂ 2+ removal from aqueous solutions using lichen biomass as a natural and low-cost biosorbent**
Gul U. D., Senol Z. M., Gürsoy N., Şimşek S.
Journal of Environmental Radioactivity, pp.93-100, 2019 (SCI-Expanded)
- XXXVII. **Preparation and characterization of a novel diatomite-based composite and investigation of its adsorption properties for uranyl ions**
Senol Z. M., Arslan D. S., Şimşek S.

- JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.321, no.3, pp.791-803, 2019 (SCI-Expanded)
- XXXVIII. **Synthesis and characterization of a composite polymeric material including chelating agent for adsorption of uranyl ions**
Şimşek S., Senol Z. M., Ulusoy H. İ.
Journal of Hazardous Materials, vol.338, pp.437-446, 2017 (SCI-Expanded)
- XXXIX. **Thallium adsorption onto polyacryamide-aluminosilicate composites: A Tl isotope tracer study**
Senol Z. M., ULUSOY U.
Chemical Engineering Journal, vol.162, no.1, pp.97-105, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. **Kitosan-Vermikülit Kompoziti Kullanılarak Sulu Çözeltiden Etkin Kurşun Giderimi: Denge, Kinetik ve Termodinamik Çalışmalar**
Şenol Z. M.
Academic Platform Journal of Engineering and Science, vol.1, no.8, pp.15-21, 2020 (Peer-Reviewed Journal)
- II. **Removal of Pb²⁺ ions from aqueous medium by using chitosan-diatomite composite: Equilibrium, kinetic, and thermodynamic studies**
HASDEMİR Z. M., ŞİMŞEK S.
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.7, no.1, pp.307-318, 2020 (Scopus)
- III. **Removal of Pb²⁺ Ions from Aqueous Medium by Using Chitosan Diatomite Composite: Equilibrium, Kinetic and Thermodynamic Studies**
Şenol Z. M., Şimşek S.
Journal of the Turkish Chemical Society Section A: Chemistry, vol.7, no.1, pp.307-318, 2020 (Scopus)
- IV. **Removal of Cationic Dye in Aquatic Medium by Using a New Composite Material**
Şenol Z. M., Şimşek S.
Cumhuriyet Science Journal, vol.39, pp.181-191, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Sadeleştirilmiş Anlatımıyla Temel Üniversite Kimyası**
Kanberoğlu G., Çaylak O., Saygı K. Ö., Sivrikaya Özak S., Güngör Ö., Polat Ü., Gürbüzer A., Seven Erdemir Ü., Gündoğdu A., Çalımlı M. H., et al.
Akademisyen Kitabevi, Ankara, 2023
- II. **Green synthesis of nanoparticles for remediation organic pollutants in wastewater by adsorption**
El Messaoudi N., Ciğeroğlu Z., Hasdemir Z. M., Bouich A., Kazan-Kaya E. S., Noureen L., Pinê Américo-Pinheiro J. H. in: Advances in Chemical Pollution, Environmental Management and Protection, Luiz Fernando Romanholo Ferreira, Ajay Kumar, Muhammad Bilal, Damia Barcelo, Editor, Elsevier Science, Oxford/Amsterdam , New York, pp.1-35, 2023
- III. **Beslenmede Antioksidan Bileşikler**
Hasdemir Z. M.
in: Güncel Biyokimya Çalışmaları IV, Doğan YÜCEL, Editor, Akademisyen Kitabevi, Ankara, pp.25-32, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **Prunus Mahaleb Shell as a Sustainable Biological Resource for Carminic Acid Removal from Wastewater**
KESKİN Z. S., HASDEMİR Z. M., ŞİMŞEK S.
5th International Conference on Physical Chemistry & Functional Materials, Sivas, Turkey, 23 June 2022

- II. **Synthesis of Polyacrylamide@Pollen Composite and its Application in Uranyl Ion Removal**
Ben Ayed A., HASDEMİR Z. M., ŞİMŞEK S.
5th International Conference on Physical Chemistry & Functional Materials, Sivas, Turkey, 23 June 2022
- III. **Investigation of Swelling Kinetics of Polyacrylamide@Chitosan Composite**
Gharsallah F., HASDEMİR Z. M., ŞİMŞEK S., Ghorbel N., Arous M.
5th International Conference on Physical Chemistry & Functional Materials, Sivas, Turkey, 23 June 2022
- IV. **Removal of Uranyl Ions from Aqueous Solution by Using Chitosan-Sepiolite Composite**
HASDEMİR Z. M.
4th International virtual Conference on Physical Chemistry & Functional Materials, Turkey, 08 April 2021
- V. **Liken (Evernia prunastri) biyokütlesi kullanılarak sulu çözeltiden kurşun giderimi**
HASDEMİR Z. M., GÜL Ü. D., ŞİMŞEK S.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), 19 - 20 March 2020
- VI. **Kitosan-vermikülit kompoziti kullanılarak sulu çözeltiden sunset yellow gıda boyasının etkin giderimi**
ŞİMŞEK S., HASDEMİR Z. M., GÜRSOY N.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), 19 - 20 March 2020
- VII. **Liken (Pseudevernia furfuracea) biyokütlesi kullanılarak sulu çözeltiden Allura red giderimi**
HASDEMİR Z. M.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), 19 - 20 March 2020
- VIII. **Kitosan-Diyatomit Kompoziti Kullanılarak Sulu Çözeltiden Kurşun Gideriminin Araştırılması**
HASDEMİR Z. M., ŞİMŞEK S.
31.Uluslararası Kimya Kongresi, Turkey, 10 - 13 September 2019
- IX. **Likenlerden elde edilen biyosorbentlerin tekstil atık sularının arıtımında kullanım potansiyelinin belirlenmesi**
yavuz Ş. A., GÜL Ü. D., HASDEMİR Z. M.
2nd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2019), 28 June - 29 October 2019
- X. **LİKENLERİN TEKSTİL BOYASI GİDERİMİNE PH VE TEMAS SÜRESİNİN ETKİSİNİN BELİRLENMESİ**
YAVUZ Ş. A., GÜL Ü. D., HASDEMİR Z. M.
2. International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2019), Ankara, Turkey, 28 - 29 June 2019
- XI. **TEKSTİL BOYALARI İLE KONTAMİNE ATIK SULARIN ARITIMINDA UCUZVE ÇEVRE DOSTU BİYOSORBENTLERİN KULLANIMI**
YAVUZ Ş. A., GÜL Ü. D., HASDEMİR Z. M.
2ND INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES (EurasianBioChem 2019), Ankara, Turkey, 28 - 29 June 2019
- XII. **Synthesis and Characterization of Polyacrylamide-Titanium Dioxide (PAA-TiO₂) Composite**
ŞENOL ARSLAN D., HASDEMİR Z. M., ŞİMŞEK S.
2nd International Conference on Physical Chemistry Functional Materials, 25 - 27 June 2019
- XIII. **Food dyes adsorption from aqueous solutions by chitosan/vermiculite composite**
ŞİMŞEK S., HASDEMİR Z. M., GÜRSOY N., KARAKUŞ N.
2nd International Conference on Physical Chemistry Functional Materials (PCFM 2019), 25 - 27 June 2019
- XIV. **Adsorption of lead ions in aquatic medium onto chitosan/dolomite composite beads**
HASDEMİR Z. M., ŞİMŞEK S.
2nd International Conference on Physical Chemistry Functional Materials (PCFM 2019), 25 - 27 June 2019
- XV. **PAAm(Ch-Hap) kompozitinin sentezi ve kurşun ve toryum giderimindeki uygulamaları**
HASDEMİR Z. M., ULUSOY U.
V. Ulusal Çevre Kongresi, Turkey, 29 October - 01 November 2018
- XVI. **Poliakrilamid(Kitosan-Kırmızı Çamur) kompozit materyali kullanılarak sulu çözeltiden kurşun ve**

toryum giderimi

HASDEMİR Z. M., ULUSOY U.

V. Ulusal Çevre Kongresi, Turkey, 29 October - 01 November 2018

- XVII. **Synthesis and Characterization of Polyacrylamide-Vermiculite Composite Adsorbent**

HASDEMİR Z. M., ŞİMŞEK S., ULUSOY H. İ.

4th International Symposium on Composite Materials (KOMPEGE 2018), 6 - 08 September 2018

- XVIII. **A Novel Polymer/Mineral Composite: Synthesis and Characterization**

HASDEMİR Z. M., ŞİMŞEK S., ULUSOY H. İ.

4th International Symposium on Composite Materials (KOMPEGE 2018), 6 - 08 September 2018

- XIX. **Removal Uranly from Aqueous Solution by using Polyacrylamide-Vermiculite Composite**

HASDEMİR Z. M., ŞİMŞEK S., ULUSOY H. İ.

International Trace Analysis Congress (iTAC2018), Sivas, Turkey, 20 - 23 June 2018

- XX. **Determination of Adsorptive Properties of Polyacrylamide-DolomiteComposite for Removal Uranly from Aqueous Solution**

Hasdemir Z. M., Şimşek S., Ulusoy H. İ.

International Trace Analysis Congress, Sivas, Turkey, 20 - 23 June 2018

- XXI. **Removal of Lead ions in aquatic medium by using Chitosan/Vemiculite composite beads**

HASDEMİR Z. M., ŞİMŞEK S.

International Trace Analysis Congress (ITAC), 20 - 23 June 2018

- XXII. **Adsorption of UO₂ onto Polyacrylamide-diatomite composite**

HASDEMİR Z. M., ŞİMŞEK S.

International Trace Analysis Congress (ITAC), 20 - 23 June 2018

- XXIII. **Synthesis and Characterization of Polyacrylamide-Diatomite Composite**

HASDEMİR Z. M., ŞİMŞEK S.

International Conference on Physical Chemistry and Functional Materials (PCFM 2018), 19 - 21 June 2018

- XXIV. **Preparation and Properties of Dolomite Composite**

ŞİMŞEK S., HASDEMİR Z. M.

International Conference on Physical Chemistry and Functional Materials (PCFM 2018), 19 - 21 June 2018

- XXV. **Synthesis and Characterization of Diatomite Composite Adsorbent**

ŞİMŞEK S., HASDEMİR Z. M.

International Conference on Physical Chemistry and Functional Materials (PCFM 2018), 19 - 21 June 2018

- XXVI. **Investigation of Structural Properties of Chitosan-Vermiculite Composite**

HASDEMİR Z. M., ŞİMŞEK S.

International Conference on Physical Chemistry and Functional Materials (PCFM 2018), 19 - 21 June 2018

- XXVII. **Chelating Agent Grafted hydrogel for effective removal of uranyl Ions**

HASDEMİR Z. M., ŞİMŞEK S., ULUSOY H. İ.

International congress of Health and Environment, 23 - 25 October 2017

- XXVIII. **Chelating agent grafted hydrogel for effective removal of uranyl ions**

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- XXIX. **Removal of Cationic dye in aquatic medium by using a new composite material**

Hasdemir Z. M., Şimşek S.

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- XXX. **Synthesis of Chitosan-vermiculite composite beads and Its Application for Uranly Removal**

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III. International Porous Powder Materials, 12 - 15 September 2017

- XXXI. **Synthesis of PAA XB composite and its application in uranyl removal**

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- XXXII. **Poliakrilamit Kırmızı Çamur Kompozitlerinin Sentezi ve Karakterizasyonu**

ŞENOL Z. M., BAYBAŞ D., ULUSOY U.

27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015
- XXXIII. **Poliakrilamit kırmızı çamur kompozitinin sentezi ve karakterizasyonu**
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- XXXIV. **Polietilen Hidroksiapatit Kil Nanokompozitlerinin Hazırlanması ve Karakterizasyonu**
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Metrics

Publication: 86

Citation (WoS): 262

Citation (Scopus): 336

H-Index (WoS): 10

H-Index (Scopus): 12

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