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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: GRF-6168-2022

ScopusID: 57194435125

Yoksis Researcher ID: 248080

Education Information

Postgraduate, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, İş Sağlığı ve Güvenliği, Turkey 2021 - 2022

Postgraduate, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Occupational Health and Safety, Turkey 2019 - 2020

Doctorate, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), Turkey 2016 - 2020

Postgraduate, Firat University, Institute Of Science, Kimya Mühendisliği Bölümü Temel İşlemler Ve Termodinamik Abd, Turkey 2012 - 2015

Undergraduate, Firat University, Faculty Of Engineering, Department Of Chemistry Engineering, Turkey 2008 - 2012

Certificates, Courses and Trainings

Occupational Health and Safety, Preparing Safe & Secure University Chemical Laboratories, Health Security Partners, 2022

Personal Evolution, EFT Tekniği, Global Enstitü, 2022

Personal Evolution, Kişilik Analizi, Global Enstitü, 2022

Personal Evolution, Temel Psikoloji, Global Enstitü, 2022

Personal Evolution, Eğitim ve Öğrenci Koçluğu, Global Enstitü, 2022

Personal Evolution, SWOT Analizi, Global Enstitü, 2022

Personal Evolution, Girişimcilik, Global Enstitü, 2022

Personal Evolution, NLP Teknikleri, Global Enstitü, 2022

Occupational Health and Safety, B Sınıfı İş Güvenliği Uzmanlığı Belgesi, T.C. Aile, Çalışma ve Sosyal Hizmetler Bakanlığı İş Sağlığı ve Güvenliği Genel Müdürlüğü, 2021

Personal Evolution, Deney Hayvanlarında Etik Yaklaşımlar, İnönü Üniversitesi, 2021

Quality Management, ISO 14001 Çevre Yönetim Sistemi, İstanbul Ayvansaray Üniversitesi, 2021

Quality Management, ISO 19011 İç Denetçi Yönetim Sistemi, İstanbul Ayvansaray Üniversitesi, 2021

Quality Management, ISO 9001-2015 Kalite Yönetim Sistemi, İstanbul Ayvansaray Üniversitesi, 2021

Occupational Health and Safety, ISO 45001 İş Sağlığı ve Güvenliği Sistemi, İstanbul Ayvansaray Üniversitesi, 2021

Occupational Health and Safety, Risk Değerlendirmesi, TMMOB Makina Mühendisleri Odası, 2021

Personal Evolution, Uzay Tıbbı ve Astrobiyoloji, İnönü Üniversitesi, 2021

Occupational Health and Safety, İSİG Mevzuatı ve Çalışanların Sorumluluğu - İş Kazalarının Sebepleri, Korunma Prensipleri ve Kaza Sonrasında Yapılması Gerekenler, TMMOB Makina Mühendisleri Odası, 2021

Measurement and Evaluation, Eğiticilerin Eğitimi Sertifikası, Van Yüzüncü Yil Üniversitesi, 2021

Occupational Health and Safety, Biyolojik ve Kimyasal Güvenlik Çalıştayı, TÜV AUSTRIA, 2020

Occupational Health and Safety, İş Sağlığı ve Güvenliği Eğitim Sertifikası, Van Yüzüncü Yıl Üniversitesi, 2018

Occupational Health and Safety, ISO 9001-2008 Kalite Yönetim Sistemleri Temel Eğitimi, TMMOB Kimya Mühendisleri Odası, 2011

Occupational Health and Safety, OHSAS 18001 İş Sağlığı ve Güvenliği Yönetim Sistemi Temel Eğitimi, TMMOB Kimya Mühendisleri Odası, 2011

Dissertations

Postgraduate, Malzeme Sentezi Yapılan Araştırma Laboratuvarlarının İş Sağlığı Ve Güvenliği Açısından Değerlendirilmesi: Örnek Bir Malzeme Sentezi Uygulaması, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, 2022

Doctorate, Çeşitli destek malzemelerinin kanatlı hayvan gübrelerinden biyogaz üretimi üzerindeki etkisinin incelenmesi, Van Yüzüncü Yıl University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2020

Postgraduate, UÇUCU ORGANİK ÇÖZÜCÜLERİN ÇEŞİTLİ ALÇI ÖRNEKLERİNDEKİ DİFÜZYON VE ADSORPSİYONU, Firat University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği Bölümü Temel İşlemler Ve Termodinamik Abd, 2015

Research Areas

Waste Water Collection and Treatment, Environmental Health and Safety, Chemical Engineering and Technology, Biotechnological Processes and Fermentation Technology, Basic Operations and Thermodynamics, Thermodynamics, Transport Events, Industrial Biotechnology, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Van Yüzüncü Yıl University, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, 2024 - Continues

Assistant Professor, Van Yüzüncü Yıl University, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, 2022 - 2024

Research Assistant PhD, Van Yüzüncü Yıl University, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, 2021 - 2022

Research Assistant, Van Yüzüncü Yıl University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2016 - 2021

Academic and Administrative Experience

Eğitim Komisyon Üyesi, Van Yüzüncü Yıl University, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, 2024 - Continues

Department Academic Incentive Evaluation Commission Member, Van Yüzüncü Yıl University, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, 2024 - 2024

Courses

Mühendislikte Biyoteknolojik Sistemler ve Uygulama Alanları, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Katı Hal Mühendisliğinin Temelleri, Postgraduate, 2023 - 2024

Kimyasal Reaksiyon Mühendisliği, Undergraduate, 2020 - 2021

Advising Theses

Şahan T., Yılmaz Ş., Tekstil Endüstrisi Atıksuyunun Elektrokimyasal Arıtımı ve Sistem Performansının İstatistiksel Olarak Optimizasyonu, Postgraduate, K.GÖRAL(Student), 2022

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Van Yüzüncü Yıl Üniversitesi, June, 2024

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Van Yüzüncü Yıl Üniversitesi, December, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Van Yüzüncü Yıl Üniversitesi, May, 2023

Post Graduate, Post Graduate, Van Yüzüncü Yıl Üniversitesi, May, 2023

Post Graduate, Post Graduate, Van Yüzüncü Yıl Üniversitesi, December, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Constructing HNT-AC Supported CoNi Nanoparticles for Hydrogen Generation toward NaBH₄ Hydrolysis: Optimization with RSM-CCD**
Ecer Ü., Yılmaz Ş., Ulaş B., Kaya Ş.
CATALYSIS LETTERS, pp.1-15, 2024 (SCI-Expanded)
- II. **Optimization of methyl orange decolorization by bismuth(0)-doped hydroxyapatite/reduced graphene oxide composite using RSM-CCD**
Ecer Ü., Yılmaz Ş., Ulaş B., Koç S.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.31, no.23, pp.33371-33384, 2024 (SCI-Expanded)
- III. **Fabrication of magnetic biochar-MIL-68(Fe)-supported cobalt composite material toward the catalytic reduction performance of crystal violet**
Ecer Ü., Yılmaz Ş.
JOURNAL OF WATER PROCESS ENGINEERING, vol.57, pp.104574, 2024 (SCI-Expanded)
- IV. **Synthesis, characterization and application of iron-supported activated carbon derived from Aloe vera leaves to improve anaerobic digestion of food waste: An optimization approach**
Yılmaz Ş., Ecer Ü., Şahan T.
JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, vol.11, no.5, pp.110365, 2023 (SCI-Expanded)
- V. **Synthesis, Characterization, and application of Ag-Doped Mercapto-Functionalized clay for decolorization of Coomassie brilliant Blue: Optimization using RSM**
Ecer Ü., Yılmaz Ş., Şahan T.
CHEMICAL PHYSICS LETTERS, vol.825, pp.140610, 2023 (SCI-Expanded)
- VI. **Improved anaerobic digestion activity of poultry dung with pumice-supported trace elements: focus on the statistical optimization approach**
Yılmaz Ş., Şahan T.
BIOMASS CONVERSION AND BIOREFINERY, vol.13, pp.2469-2486, 2023 (SCI-Expanded)
- VII. **Efficient Removal of 2,4-Dichlorophenoxyacetic Acid from Aqueous Medium Using Polydopamine/Polyacrylamide Co-deposited Magnetic Sporopollenin and Optimization with Response Surface Methodology Approach**
Yılmaz Ş., Zengin A., Şahan T., Gübbük İ. H.
Journal of Polymers and the Environment, vol.31, no.1, pp.36-49, 2023 (SCI-Expanded)
- VIII. **Investigation of Mercury(II) and Arsenic(V) adsorption onto sulphur functionalised pumice: a response surface approach for optimisation and modelling**
Ecer Ü., Yılmaz Ş., Şahan T.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.102, no.19, pp.7779-7799, 2022 (SCI-Expanded)
- IX. **Facile synthesis of surfactant-modified layered double hydroxide magnetic hybrid composite and its application for bisphenol A adsorption: Statistical optimization of operational variables**
Yılmaz Ş.

Surfaces and Interfaces, vol.32, pp.102171, 2022 (SCI-Expanded)

- X. **Effective utilization of Fe(III)-based metal organic framework-coated cellulose paper for highly efficient elimination from the liquid phase of paracetamol as a pharmaceutical pollutant**
Yılmaz Ş., Zengin A., Şahan T.
ENVIRONMENTAL TECHNOLOGY & INNOVATION, vol.24, 2021 (SCI-Expanded)
- XI. **Utilization of a novel polymer–clay material for high elimination of hazardous radioactive contamination uranium(VI) from aqueous environments**
Yılmaz Ş., Zengin A., Şahan T., Selçuk Zorer Ö.
ENVIRONMENTAL TECHNOLOGY & INNOVATION, vol.23, pp.101631, 2021 (SCI-Expanded)
- XII. **Bentonite grafted with poly(N-acryloylglycineamide) brush: A novel clay-polymer brush hybrid material for the effective removal of Hg(II) and As(V) from aqueous environments**
Yılmaz Ş., Zengin A., Şahan T.
Colloids And Surfaces A-Physicochemical And Engineering Aspects, vol.612, pp.1-12, 2021 (SCI-Expanded)
- XIII. **A novel material poly(N-acryloyl-L-serine)-brush grafted kaolin for efficient elimination of malachite green dye from aqueous environments**
Yılmaz Ş., Zengin A., Şahan T.
COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, vol.601, 2020 (SCI-Expanded)
- XIV. **A comprehensive study of hydrogen production from ammonia borane via PdCoAg/AC nanoparticles and anodic current in alkaline medium: experimental design with response surface methodology**
Çelik Kazıcı H., Yılmaz Ş., Şahan T., Yıldız F., Er O. F., Kivrak H.
FRONTIERS IN ENERGY, vol.14, no.3, pp.578-589, 2020 (SCI-Expanded)
- XV. **Utilization of pumice for improving biogas production from poultry manure by anaerobic digestion: A modeling and process optimization study using response surface methodology**
Yılmaz Ş., Şahan T.
BIOMASS & BIOENERGY, vol.138, 2020 (SCI-Expanded)
- XVI. **Conversion from a natural mineral to a novel effective adsorbent: Utilization of pumice grafted with polymer brush for methylene blue decolorization from aqueous environments**
Yılmaz Ş., Zengin A., Ecer U., Şahan T.
COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, vol.583, 2019 (SCI-Expanded)
- XVII. **Towards more active and stable PdAgCr electrocatalysts for formic acid electrooxidation: The role of optimization via response surface methodology**
Ulaş B., Çağlar A., Yılmaz Ş., Ecer U., Yılmaz Y., Şahan T., Kivrak H.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.43, no.15, pp.8985-9000, 2019 (SCI-Expanded)
- XVIII. **Magnetic nanoparticles coated with aminated polymer brush as a novel material for effective removal of Pb(II) ions from aqueous environments**
Yılmaz Ş., Zengin A., Akbulut Y., Şahan T.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.26, no.20, pp.20454-20468, 2019 (SCI-Expanded)
- XIX. **Highly efficient Cd(II) adsorption using mercapto-modified bentonite as a novel adsorbent: an experimental design application based on response surface methodology for optimization**
Ecer U., Yılmaz Ş., Şahan T.
WATER SCIENCE AND TECHNOLOGY, vol.78, no.6, pp.1348-1360, 2018 (SCI-Expanded)
- XX. **Modelling and Optimization of As(III) Adsorption onto Thiol-Functionalized Bentonite from Aqueous Solutions Using Response Surface Methodology Approach**
Yılmaz Ş., Ecer U., Şahan T.
CHEMISTRYSELECT, vol.3, no.32, pp.9326-9335, 2018 (SCI-Expanded)
- XXI. **Mercury(II) adsorption by a novel adsorbent mercapto-modified bentonite using ICP-OES and use of response surface methodology for optimization**
Şahan T., Erol F., Yılmaz Ş.
MICROCHEMICAL JOURNAL, vol.138, pp.360-368, 2018 (SCI-Expanded)
- XXII. **Response surface approach for optimization of Hg(II) adsorption by 3-mercaptopropyl trimethoxysilane-modified kaolin minerals from aqueous solution**

Articles Published in Other Journals

- I. **Investigation of Aloe Vera Supported Silver Catalyst for Decolourization of Eosin Yellow Using Response Surface Methodology**
Yılmaz Ş.
Yüzüncü Yıl Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.27, no.2, pp.269-285, 2022 (Peer-Reviewed Journal)
- II. **A core-shell magnetic layered double hydroxide composite material for the effective decolorization of phenol red**
Yılmaz Ş.
Manas Journal of Engineering, vol.10, no.1, pp.88-94, 2022 (Peer-Reviewed Journal)
- III. **Ofis Ortamlarında Ekranlı Araçlarla Yapılan Çalışmalarda Sağlık ve Güvenlik Önlemleri**
Yılmaz Ş., Bilici M., Zengin A.
OHS Academy, vol.4, no.2, pp.43-48, 2021 (Peer-Reviewed Journal)
- IV. **An optimization study for bio-removal of lead from aqueous environments by alkali modified Polyporus Squamosus**
Yılmaz Ş., Ecer Ü., Şahan T.
Manas Journal of Engineering, vol.9, no.1, pp.1-9, 2021 (Peer-Reviewed Journal)
- V. **Effective clay material enriched with thiol groups for Zn(II) removal from aqueous media: A statistical approach based on response surface methodology**
Ecer Ü., Yılmaz Ş., Şahan T.
Manas Journal of Engineering, vol.8, no.2, pp.125-131, 2020 (Peer-Reviewed Journal)
- VI. **Üniversitelerin Mühendislik Fakülteleri Bünyesinde Bulunan Laboratuvarlarda İş Sağlığı Ve Güvenliği**
Yılmaz Ş., Bilici M.
OHS ACADEMY, vol.3, no.2, pp.102-113, 2020 (Peer-Reviewed Journal)
- VII. **Investigation of Diffusion and Adsorption of Acetone in Building Materials by Dynamic Method**
Yılmaz Ş., Akosman C.
Fırat University Turkish Journal of Science & Technology, vol.13, no.2, pp.39-46, 2018 (Peer-Reviewed Journal)
- VIII. **Doğal pomza minerali ile Co(II) adsorpsiyon koşullarının optimizasyonu için cevap yüzey yönteminin uygulanması (Application of response surface methodology for optimization of Co(II) adsorption conditions with natural pumice mineral)**
Şahan T., Yılmaz Ş.
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, vol.23, no.7, pp.887-892, 2017 (Peer-Reviewed Journal)
- IX. **Application of response surface methodology for optimization of Co(II) adsorption conditions with natural pumice mineral**
Şahan T., Yılmaz Ş.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.23, no.7, pp.887-892, 2017 (ESCI)
- X. **ÇEŞİTLİ ALÇILARDA TOLUENİN DİFÜZYON VE ADSORPSİYONUNUN DİNAMİK ANALİZİ**
Yılmaz Ş., Kalender M., Akosman C.
ANADOLU UNIVERSITY JOURNAL OF SCIENCE AND TECHNOLOGY - A APPLIED SCIENCES AND ENGINEERING, vol.16, no.2, pp.117-124, 2015 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Process Optimization of Safranin-O Reduction by CoFe-Layered Double Hydroxide-Reduced**

Graphene Oxide Supported Silver Composite Material: Application of Response Surface Methodology

Ecer Ü., Ulaş B., Yılmaz Ş.

1. BİLSEL International Sur Scientific Researches Congress, Diyarbakır, Turkey, 10 - 11 February 2024, pp.438-439

- II. **Synthesis of Clay And Activated Carbon Hybrid Composite Supported Co Nanoparticles To Be Used In Hydrolysis Of NaBH₄ For H₂ Generation: CCD-based RSM Optimization**
Ecer Ü., Ulaş B., Yılmaz Ş.
V. International Conference on Agricultural, Biological and Life Science, Edirne, Turkey, 18 - 20 September 2023, pp.451
- III. **Catalytic Activity of Clay Supported Nickel Catalyst for Toxic Dyes Reduction in Effluent of Chemical Industries**
Yılmaz Ş.
4th International Conference on Advanced Engineering Technologies (ICADET) , Bayburt, Turkey, 28 - 30 September 2022, pp.15-20
- IV. **Effectiveness of Aloe vera leaf extract as a bio-coagulant for the treatment of industrial effluent by coagulation-flocculation**
Yılmaz Ş.
IV. International Agricultural, Biological & Life Science Conference, Edirne, Turkey, 29 - 31 August 2022, pp.386-391
- V. **Biosynthesis of molybdenum oxide nanoparticle from Aloe Barbadensis extract and its catalytic performance for the degradation of crystal violet dye**
Yılmaz Ş.
IV. International Turkic World Congress on Science and Engineering, Niğde, Turkey, 23 - 24 June 2022, pp.636-643
- VI. **Degradation of toxic pollutant catalyzed by silver nanoparticles supported on Aloe Vera leaves**
Yılmaz Ş.
1st International Scientific Research Conference On Sustainable Engineering And Technology (ISRCSET'22), İstanbul, Turkey, 13 - 15 May 2022, pp.317
- VII. **Remarkable material for removal of organic contaminant from aqueous environments: Surfactant-modified layered double hydroxide nanoparticles**
Yılmaz Ş.
The 13th International Scientific Research Congress-Science and Engineering, Ankara, Turkey, 11 - 12 March 2022, pp.115
- VIII. **Enhancing Anaerobic Digestion of Animal Manure by Pumice-Supported Molybdenum Supplementation: Focusing on A Modeling and Optimization Based Response Surface Methodology**
Yılmaz Ş., Şahan T.
International Pumice and Perlite Symposium (Pupes'21), Bitlis, Turkey, 4 - 06 November 2021, pp.1
- IX. **Investigation of effect of pumice-supported nickel on biogas production from poultry manure with a statistical optimization approach**
Yılmaz Ş., Şahan T.
III. International Agricultural, Biological & Life Science Conference, Edirne, Turkey, 1 - 03 September 2021, pp.283
- X. **Polymer brush-grafted bentonite for the efficient removal of mercury as a toxic metal: A statistical approach**
Yılmaz Ş., Zengin A., Şahan T.
III. International Agricultural, Biological & Life Science Conference, Edirne, Turkey, 1 - 03 September 2021, pp.284
- XI. **Adsorption of As(V) From Aqueous Solutions by Sulphur Modified Pumice: Optimization, Isotherm, and Kinetic Analysis**
Ecer Ü., Yılmaz Ş., Şahan T.
4. International Academic Studies Conference (UBCAK), Van, Turkey, 28 - 30 September 2020, pp.140
- XII. **Enhanced Removal of Arsenate from Aqueous Environments by A Novel Clay-Polymer Brush Hybrid Material: Modeling and Optimization Studies by Response Surface Methodology Approach**
Yılmaz Ş., Ecer Ü., Zengin A., Şahan T.
II. International Agricultural, Biological & Life Science Conference (E-AGBIOL 2020), Edirne, Turkey, 1 - 03

September 2020, pp.275

- XIII. **Process Modeling and Optimization of Biogas Production from Chicken Manure via Anaerobic Digestion**
Yılmaz Ş., Şahan T.
II. International Agricultural, Biological & Life Science Conference (E-AGBIOL 2020), Edirne, Turkey, 1 - 03 September 2020, pp.274
- XIV. **Kalite Yönetim Sisteminde İş Sağlığı ve Güvenliğinin Önemi**
Yılmaz Ş., Bilici M., Taştan Z.
Yükseköğretimde Kalite Çalıştayı, Diyarbakır, Turkey, 8 - 09 July 2020, pp.129-130
- XV. **Modeling of Brilliant Blue removal from aqueous solution by acidfunctionalized clinoptilolite**
Ecer Ü., Yılmaz Ş., Şahan T.
International Engineering and Science Symposium, Siirt, Turkey, 20 - 22 June 2019, pp.864-869
- XVI. **Application of response surface methodology for optimization and modeling of reactive orange 16 adsorption by HCl treated pumice**
Yılmaz Ş., Ecer Ü., Şahan T.
International Engineering and Science Symposium, Siirt, Turkey, 20 - 22 June 2019, pp.78-84
- XVII. **Optimization of the Zn(II) removal from aqueous solution using NaOH modified pumice: Design of experiments using response surface methodology (RSM)**
Ecer Ü., Yılmaz Ş., Şahan T.
International Engineering and Science Symposium, Siirt, Turkey, 20 - 22 June 2019, pp.922-927
- XVIII. **Investigation of the removal of Ni(II) from aqueous environments onto NaOH modified clinoptilolite using response surface methodological approach**
Yılmaz Ş., Ecer Ü., Şahan T.
International Engineering and Science Symposium, Siirt, Turkey, 20 - 22 June 2019, pp.647-651
- XIX. **Merkapto modifiyeli pomza ile sulu ortamlarda bulunan Hg(II) iyonlarının giderilmesi ve proses parametrelerinin cevap yüzey yöntemi ile optimizasyonu**
Ecer Ü., Yılmaz Ş., Şahan T.
13. Ulusal Kimya Mühendisliği Kongresi (UKMK-13), Van, Turkey, 3 - 06 September 2018, pp.163
- XX. **3-mercaptopropil trimetoksisilan modifiyeli bentonit üzerine gümüş adsorpsiyonunun incelenmesi ve ortam koşullarının cevap yüzey yöntemi ile optimizasyonu**
Yılmaz Ş., Ecer Ü., Şahan T.
13. Ulusal Kimya Mühendisliği Kongresi (UKMK-13), Van, Turkey, 3 - 06 September 2018, pp.156
- XXI. **Uçucu organik bileşik olarak metanolün yapı malzemeleri üzerindeki difüzyon ve adsorpsiyonu**
Yılmaz Ş., Akosman C.
13. Ulusal Kimya Mühendisliği Kongresi (UKMK-13), Van, Turkey, 3 - 06 September 2018, pp.155
- XXII. **Adsorption of Zn(II) by Mercapto-Modified Kaolin from Aqueous Media: Response Surface Methodology (RSM) Approach for Optimization**
Yılmaz Ş., Ecer Ü., Şahan T.
International Conference on Physical Chemistry and Functional Materials, Elazığ, Turkey, 19 - 21 June 2018, pp.53
- XXIII. **The Performance of Polyporus Squamosus as a Low-Cost Biosorbent for Removal of Ni(II) from Aqueous Environment by Response Surface Methodology (RSM)**
Yılmaz Ş., Ecer Ü., Şahan T.
International Conference on Physical Chemistry and Functional Materials, Elazığ, Turkey, 19 - 21 June 2018, pp.8
- XXIV. **Isotherm, kinetic and thermodynamic studies of lead(II) adsorption by using amine-functionalized magnetic Fe₃O₄ nanoparticles as an adsorbent**
Yılmaz Ş., Akbulut Y., Zengin A., Şahan T.
1st International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 26 - 27 April 2018, pp.1191
- XXV. **Response surface approach for optimizing uptake of As(III) from aqueous media by mercapto-modified bentonite**
Yılmaz Ş., Ecer Ü., Şahan T.

- International Congress on Engineering and Life Science (ICELIS), Kastamonu, Turkey, 26 - 29 April 2018, pp.59
- XXVI. **Lead(II) Adsorption from Aqueous Solutions onto Amine-Functionalized Magnetic Fe₃O₄ Nanoparticles: Optimization of Process Parameters by Using Response Surface Methodology (RSM)**
Yılmaz Ş., Akbulut Y., Zengin A., Şahan T.
International Congress on Engineering and Life Science (ICELIS), Kastamonu, Turkey, 26 - 29 April 2018, pp.65
- XXVII. **Use of mercapto-modified bentonite for adsorption of Cd(II) ions from aqueous environment via response surface methodology (RSM)**
Yılmaz Ş., Ecer Ü., Şahan T.
1st International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 26 - 27 April 2018, pp.150
- XXVIII. **Investigation of Pb(II) biosorption onto Helvella leucopus Pers. by Response Surface Methodology**
Yılmaz Ş., Acar İ., Şahan T., Uzun Y., Aktaş N.
The Eurasian Agriculture and Natural Sciences Congress, Bishkek, Kyrgyzstan, 20 - 23 September 2017, pp.113
- XXIX. **Biosorption of Cobalt(II) from Aqueous Solutions by H. leucomelaena (Pers.) Nannf. and Response Surface Approach for Optimization of Biosorption Conditions**
Yılmaz Ş., Acar İ., Şahan T., Aktaş N., Uzun Y.
The Eurasian Agriculture and Natural Sciences Congress, Bishkek, Kyrgyzstan, 20 - 23 September 2017, pp.124
- XXX. **Mercury(II) Removal from Aqueous Solutions by Pumice: An Application of Response Surface Methodology**
Yılmaz Ş., Şahan T.
International Conference on Advances and Innovations in Engineering (ICAIE), Elazığ, Turkey, 10 - 12 May 2017, vol.Abs. book, pp.67-70
- XXXI. **Design and Optimization with Response Surface Methodology (RSM) of Co(II) Adsorption Conditions from Aqueous Solution onto Natural Pumice**
Yılmaz Ş., Şahan T.
International Conference on Advances and Innovations in Engineering (ICAIE), Elazığ, Turkey, 10 - 12 May 2017, vol.Abs. book, pp.71-74
- XXXII. **Investigation of Diffusion and Adsorption of Acetone in Building Materials by Dynamic Method**
Yılmaz Ş., Akosman C.
International Conference on Advances and Innovations in Engineering (ICAIE), Elazığ, Turkey, 10 - 12 May 2017, pp.1166
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Memberships / Tasks in Scientific Organizations

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Metrics

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