

Prof. Dilek DURANOĞLU DİNÇER

Personal Information

Office Phone: [+90 212 383 4749](tel:+902123834749) Extension: 4749

Fax Phone: [+90 212 383 4725](tel:+902123834725)

Email: dduran@yildiz.edu.tr

Other Email: dilekdur@gmail.com

Web: <http://avesis.yildiz.edu.tr/dduran/>

Address: Yıldız Teknik Üniversitesi, Kimya-Metalürji Fakültesi, Kimya Mühendisliği Bölümü, 34210, Esenler, İstanbul

International Researcher IDs

ScholarID: [gqqJ_pkAAAAJ](https://scholar.google.com/citations?user=gqqJ_pkAAAAJ)

ORCID: [0000-0002-7025-3359](https://orcid.org/0000-0002-7025-3359)

ScopusID: [35785732900](https://scopus.com/authid/detail.uri?authorId=35785732900)

Yoksis Researcher ID: 173906

Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2001 - 2008

Foreign Languages

English, C1 Advanced

Research Areas

Chemical Engineering and Technology, Process and Reactor Design, Chemical Reaction Engineering, Process Design, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Yildiz Technical University, Kimya Metalurji Fakültesi, Kimya Mühendisliği Bölümü, 2018 - Continues

Assistant Professor, Yildiz Technical University, Kimya Metalurji Fakültesi, Kimya Mühendisliği Bölümü, 2018 - Continues

Associate Professor, Universitat Karlsruhe, Institute of Functional Interfaces (IFG), 2019 - 2020

Assistant Professor, Yildiz Technical University, Kimya Metalurji Fakültesi, Kimya Mühendisliği Bölümü, 2012 - 2018

Research Assistant PhD, Yildiz Technical University, Kimya Metalurji Fakültesi, Kimya Mühendisliği Bölümü, 2008 - 2012

Research Assistant, Yildiz Technical University, Kimya Mühendisliği Bölümü, 2000 - 2008

Academic and Administrative Experience

Bölüm Kalite Komisyonu Üyesi, Yildiz Technical University, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Department of Chemical Engineering, 2014 - Continues

Courses

Kimyasal Reaksiyon Mühendisliği, Undergraduate, 2018 - 2019
Process Desing in Chemical Engineering 2, Undergraduate, 2018 - 2019
INTRODUCTION TO CHEMICAL ENGINEERING, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
PROCESS DESIGN IN CHEMICAL ENGINEERING 1, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017
Chemical Reaction Engineering, Undergraduate, 2016 - 2017, 2015 - 2016
DOKTORA TEZİ, Doctorate, 2017 - 2018, 2016 - 2017
PROCESS DESIGN IN CHEMICAL ENGINEERING 2, Undergraduate, 2016 - 2017
UZMANLIK ALAN DERSİ (D), Doctorate, 2017 - 2018, 2016 - 2017
CHEMICAL ENGINEERING APPLICATIONS, Undergraduate, 2017 - 2018, 2015 - 2016, 2014 - 2015
CHEMICAL ENGINEERING LABORATORY II, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016
BİTİRME ÇALIŞMASI, Undergraduate, 2015 - 2016
UZMANLIK ALAN DERSİ (D), Doctorate, 2014 - 2015, 2013 - 2014
KİMYA MÜHENDİSLİĞİ UYGULAMALARI, Undergraduate, 2013 - 2014
BİTİRME TEZİ, Undergraduate, 2013 - 2014

Advising Theses

Duranoğlu Dinçer D., 2,4 DİKLOROFENOKSİASETİK ASİTİN FOTOKATALİTİK DEGRADASYONU İÇİN TITANYUM DİOKSİT ÜRETİM PROSESİNİN OPTİMİZASYONU , Postgraduate, Y.Yılmaz(Student), 2019
Duranoğlu Dinçer D., Guillon E., Fate of Pesticide in Soil and Photocatalytic Degradation By Perlite Supported Titanium Dioxide, Doctorate, E.Ngaha(Student), 2019
Duranoğlu Dinçer D., SYNTHESIS OF ENZYME IMMOBILIZED ZEOLITIC IMIDAZOLE FRAMEWORKS AND DETERMINATION OF KINETIC PARAMETERS, Postgraduate, G.GÜNER(Student), 2019
Duranoğlu Dinçer D., Biyoyumlu Aljinat Kappa Kerajin Hidrojel ile Protein ve Herbisitin Kontrollü Salınımı, Postgraduate, S.Sarıyer(Student), 2017
Duranoğlu Dinçer D., Kalsiyum Bentonit Üzerine BSA Adsorpsiyonunun İncelenmesi, Postgraduate, M.Kumcu(Student), 2016
DURANOĞLU DİNÇER D., AKTİF KARBON ESASLI HİBRİT ADSORBAN İLE SULU ÇÖZELTİLERDEN AĞIR METAL GİDERİMİ, Doctorate, A.Özge(Student), 2013
DURANOĞLU DİNÇER D., Yüzey Özellikleri Geliştirilen Zeolit ile İçme Sularının İyileştirilmesi, Doctorate, E.Bilgin(Student), 2013
DURANOĞLU DİNÇER D., GIDA ENDÜSTRİSİ ATIĞINDAN ÜRETİLEN AKTİF KARBON İLE ARSENİK ADSORPSİYONUNUN DENGİ VE KİNİTİK AÇIDAN İNCELENMESİ, Postgraduate, C.Bakkal(Student), 2012
DURANOĞLU DİNÇER D., LPG Depolama Tanklarında Yangın ve Patlama Durumlarının Modellenmesi, Postgraduate, V.Açıkgöz(Student), 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Kinetic, equilibrium, and thermodynamic aspects of phenol adsorption onto acrylonitrile-divinylbenzene copolymer**
Neziri E., DURANOĞLU DİNÇER D.
Science of the Total Environment, vol.954, 2024 (SCI-Expanded)
- II. **Synthesis and Porous Structure Characteristics of Allyl Methacrylate/Divinylbenzene Polymers**
DURANOĞLU DİNÇER D., Trochimczuk A. W.
Polymers, vol.16, no.19, 2024 (SCI-Expanded)
- III. **Enhancing the treatment of Staphylococcus aureus infections: A nanosystem with including dual**

antimicrobial peptide

Coksu I, DOKUZ S., Akgul B., ÖZBEK T., ABAMOR E. Ş., DURANOĞLU DİNÇER D., ACAR S.
Journal of Drug Delivery Science and Technology, vol.97, 2024 (SCI-Expanded)

- IV. **Investigation of capacitive deionization process parameters on salt adsorption capacity via experimental design approach**
Açıkgül D., DURANOĞLU DİNÇER D.
Physica Scripta, vol.99, no.8, 2024 (SCI-Expanded)
- V. **Desalination Performance of a Unique Capacitive Deionization Cell Optimized with ANSYS Flow Simulation**
DURANOĞLU DİNÇER D., Al-Aghbari M.
Korean Journal of Chemical Engineering, vol.41, no.4, pp.1151-1161, 2024 (SCI-Expanded)
- VI. **Optimization of titanium dioxide production process for photocatalytic degradation of 2,4 dichlorophenoxyacetic acid**
Duranoğlu Dinçer D., Yılmaz Y.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.39, pp.1-12, 2024 (SCI-Expanded)
- VII. **Optimization of adaptive neuro-fuzzy inference system (ANFIS) parameters via Box-Behnken experimental design approach: The prediction of chromium adsorption**
DURANOĞLU DİNÇER D., Sinan Altın E., KÜÇÜK İ.
Heliyon, vol.10, no.3, 2024 (SCI-Expanded)
- VIII. **Modelling and Optimization of Bovine Serum Albumin Adsorption on Calcium Bentonite Using Box-Behnken Experimental Design Method**
Duranoğlu Dinçer D., Kumcu M.
PHYSICA SCRIPTA, vol.99, no.1, pp.1-9, 2023 (SCI-Expanded)
- IX. **Modelling of Basic Yellow 28 adsorption onto activated carbon: batch and continuous process**
Kol Z. B., Duranoğlu Dinçer D.
PIGMENT AND RESIN TECHNOLOGY, vol.52, no.6, pp.1-8, 2023 (SCI-Expanded)
- X. **pH -responsive double network alginate/kappa-carrageenan hydrogel beads for controlled protein release: Effect of pH and crosslinking agent**
Sarıyer S., Duranoğlu D., Doğan Ö., Küçük İ.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.56, 2020 (SCI-Expanded)
- XI. **Process optimization with Box-Behnken experimental design for photocatalytic degradation of thiamethoxam using perlite supported TiO₂**
Ngaha E., Sayen S., Guillon E., Duranoğlu D.
DESALINATION AND WATER TREATMENT, vol.162, pp.364-375, 2019 (SCI-Expanded)
- XII. **Comparative evaluation of hesperetin loaded nanoparticles for anticancer activity against C6 glioma cancer cells**
Ersoz M., Erdemir A., Duranoğlu D., Uzunoglu D., Arasoglu T., Derman S., Mansuroglu B.
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.47, pp.319-329, 2019 (SCI-Expanded)
- XIII. **Synthesis of hesperetin-loaded PLGA nanoparticles by two different experimental design methods and biological evaluation of optimized nanoparticles**
Duranoğlu D., Uzunoglu D., Mansuroğlu B., Arasoğlu T., Derman S.
NANOTECHNOLOGY, vol.29, 2018 (SCI-Expanded)
- XIV. **An investigation on Thermal and UV Regeneration of TiO₂/Perlite Composites**
Duranoğlu D., Ngaha E.
Journal of Advanced Oxidation Technologies, vol.21, 2018 (SCI-Expanded)
- XV. **A comparative study of 2-chlorophenol, 2,4-dichlorophenol, and 2,4,6-trichlorophenol adsorption onto polymeric, commercial, and carbonaceous adsorbents**
Simsek E. B., Aytas B., Duranoğlu D., Beker U., Trochimczuk A. W.
DESALINATION AND WATER TREATMENT, vol.57, pp.9940-9956, 2016 (SCI-Expanded)
- XVI. **An experimental design approach for modeling As(V) adsorption from aqueous solution by**

activated carbon

Gula C. B., Simsek E. B., Duranoglu D., Beker U.

WATER SCIENCE AND TECHNOLOGY, vol.71, pp.203-210, 2015 (SCI-Expanded)

- XVII. **Kinetics and thermodynamics of hexavalent chromium adsorption on to activated carbon derived from acrylonitrile-divinylbenzene copolymer**
Duranoglu D., Trochimczuk A. W., Beker U.
CHEMICAL ENGINEERING JOURNAL, vol.187, pp.193-202, 2012 (SCI-Expanded)
- XVIII. **Process modification of a wire-welding plant for efficient sulphate removal**
Duranoglu D., Kadirgan N., Ustun B.
WATER AND ENVIRONMENT JOURNAL, vol.26, pp.56-62, 2012 (SCI-Expanded)
- XIX. **Synthesis and adsorption properties of polymeric and polymer-based hybrid adsorbent for hexavalent chromium removal**
Duranoglu D., Kaya I. G. B., Beker U., Şenkal B. F.
CHEMICAL ENGINEERING JOURNAL, vol.181, pp.103-112, 2012 (SCI-Expanded)
- XX. **Heavy Metal Adsorption by Magnetic Hybrid-Sorbent: An Experimental and Theoretical Approach**
Simsek E. B., Duranoglu D., Beker U.
SEPARATION SCIENCE AND TECHNOLOGY, vol.47, pp.1334-1340, 2012 (SCI-Expanded)
- XXI. **Steam and KOH Activated Carbons from Peach Stones**
Duranoglu D., Beker U.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.34, pp.1004-1015, 2012 (SCI-Expanded)
- XXII. **Development of Polymeric and Polymer-Based Hybrid Adsorbents for Chromium Removal from Aqueous Solution**
Kaya I. G. B., Duranoglu D., Beker U., Şenkal B. F.
CLEAN-SOIL AIR WATER, vol.39, pp.980-988, 2011 (SCI-Expanded)
- XXIII. **Process optimization for Cr(VI) adsorption onto activated carbons by experimental design**
Ozdemir E., Duranoglu D., Beker U., Avci A. O.
CHEMICAL ENGINEERING JOURNAL, vol.172, pp.207-218, 2011 (SCI-Expanded)
- XXIV. **A comparison study of peach stone and acrylonitrile-divinylbenzene copolymer based activated carbons as chromium(VI) sorbents**
Duranoglu D., Trochimczuk A. W., Beker U.
CHEMICAL ENGINEERING JOURNAL, vol.165, pp.56-63, 2010 (SCI-Expanded)
- XXV. **Preparation of Fe oxide nanoparticles for environmental applications: arsenic removal**
BEKER Ü., CUMBAL L., DURANOĞLU D., KÜÇÜK İ., SENGUPTA A. K.
ENVIRONMENTAL GEOCHEMISTRY AND HEALTH, vol.32, no.4, pp.291-296, 2010 (SCI-Expanded)
- XXVI. **Adsorption of phenol by activated carbon: Influence of activation methods and solution pH**
BEKER Ü., GANBOLD B., DERTLI H., GULBAYIR D.
ENERGY CONVERSION AND MANAGEMENT, vol.51, no.2, pp.235-240, 2010 (SCI-Expanded)
- XXVII. **Study of Cherry Stones as a Precursor in the Preparation of Low Cost Carbonaceous Adsorbent**
Beker Ü., Dertli H., Duranoglu-Gulbayir D., Cakan R. D.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.32, pp.1004-1015, 2010 (SCI-Expanded)

Articles Published in Other Journals

- I. **Photocatalytic degradation of diclofenac (an emerging contaminant): Effects of photocatalyst amount and air flow rate**
Duranoglu Dinçer D., Öz M. A.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.42, no.4, pp.1-9, 2024 (ESCI)
- II. **New Challenges Of Water Pollution In Europe And Their Socioeconomical Impact**

Ngaha E., Duranoğlu Dinçer D., Ciprian Beniamin B.

The Annals of The University of Oradea Economic Sciences Tom XXV, vol.2, pp.67-74, 2016 (Peer-Reviewed Journal)

III. **Preparation of TiO₂/Perlite Composites by Using 23-1 Fractional Factorial Design**

Duranoğlu D.

Journal of the Turkish Chemical Society, Section A: Chemistry, vol.3, pp.299-312, 2016 (Peer-Reviewed Journal)

IV. **ATIKSULARDAKİ SÜLFATIN KİMYASAL ÇÖKTÜRME YÖNTEMİ İLE GİDERİLMESİ**

Duranoğlu D.

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.30, pp.39-55, 2012 (ESCI)

Books & Book Chapters

I. **Cr(VI) Adsorption Onto Biomass Waste Material-Derived Activated Carbon**

Duranoğlu D., Beker U.

in: Desalination Updates, Robert Y. Ning, Editor, Intechopen, Rijeka, pp.273-302, 2015

Refereed Congress / Symposium Publications in Proceedings

I. **Developing Biomass Based Carbon Electrode**

Tuğluay E., Duranoğlu Dinçer D.

IUPAC 2023, The Hague, Netherlands, 20 - 25 August 2023, pp.976

II. **Investigation of sinapic acid loaded nanoparticles in breast cancer cell lines.**

Poyraz F. Ş., Mansuroğlu B., Derman S., Duranoğlu Dinçer D., Ersöz M., Akbaş G.

3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), Ankara, Turkey, 19 - 20 March 2020, pp.147

III. **Enzyme Immobilization Within Metal Organic Frameworks for Bioassay Applications**

Güner G., Duranoğlu Dinçer D., Kirschhöfer F., Brenner-Weib G., Franzreb M.

28th ATC 2019: Industrial Inorganic Chemistry - Materials and Processes, Frankfurt, Germany, 21 - 22 February 2019, pp.1

IV. **Modélisation du gain d'énergie électrique par ordre utilisée lors de la dégradation photocatalytique du thiaméthoxame à l'aide des plans de Box-Behnken (Prediction of the electrical energy per order used during photocatalytic degradation of thiamethoxam by using Box Behnken Design)**

Ngaha E., Sayen S., Guillon E., Duranoğlu D.

GFP2018, Limoges, France, 30 May 2018, pp.1

V. **Production and Characterization of Sinapic Acid Loaded PLGA Nanoparticles**

POYRAZ F. Ş., Akbaş G., DERMAN S., DURANOĞLU DİNÇER D., ARASOĞLU T., MANSUROĞLU B.

4th International Congress on Applied Biological Sciences, Eskişehir, Turkey, 03 May 2018, pp.220

VI. **The Controlled Release of Bovine Serum Albumin From Polysaccharide Based Hydrogel Beads**

Sarıyer S., Duranoğlu D., Doğan Ö., Küçük İ.

3rd International Conference on New Trends in Chemistry (ICNTC), Helsinki, Finland, 28 April 2017, pp.96

VII. **Investigation of BSA Adsorption Onto Calcium Bentonite By Using Experimental Design Method**

Duranoğlu D., Kumcu M.

International Conference on Energy and Thermal Engineering, İstanbul, Turkey, 25 April 2017, pp.838

VIII. **Adsorption Of Bovine Serum Albumin (BSA) On Hydrogel Beads**

Sarıyer S., Küçük İ., Duranoğlu D., Doğan Ö.

International Conference on Energy and Thermal Engineering, İstanbul, Turkey, 25 April 2017, pp.299

IX. **Photocatalytic Degradation of Thiamethoxam in Aqueous Solution by Using Perlite Supported TiO₂**

Ngaha E., Sayen S., Guillon E., Duranoğlu D.

International Conference on Energy and Thermal Engineering, İstanbul, Turkey, 25 April 2017, pp.332

- X. **Sinapik Asit Yüklü Polimerik Nanopartiküller**
POYRAZ F. Ş., DERMAN S., DURANOĞLU DİNÇER D., ERSÖZ M., ARASOĞLU T., MANSUROĞLU B.
19. Uluslararası katılımcılı Biyoteknoloji Kongresi, Eskişehir, Turkey, 1 - 03 January 2017
- XI. **Liquid Phase Catalytic Dehydrogenation of Secondary Alcohols to Ketone**
Dinçer A., DURANOĞLU D.
International Conference on Applied Chemistry (ICAC 2016), Paris, France, 24 September 2016, pp.2549
- XII. **2,D Pestisitinin Fotokatalitik Degredasyonu**
Yılmaz Y., DURANOĞLU D.
Ulusal Kimya Mühendisliği Kongresi (UKMK 2016), İzmir, Turkey, 23 August 2016, pp.406
- XIII. **TiO₂ Ve Grafen/TiO₂ Fotokatalizörleri İle Metilen Mavisi Degredasyonu**
Yılmaz Y., Güneş B., Çavdar O., Eşiyok R., Duranoğlu D.
Ulusal Kimya Mühendisliği Kongresi (UKMK 2016), İzmir, Turkey, 23 August 2016, pp.408
- XIV. **Catalytic Dehydrogenation of Secondary Alcohol to Ketone In Liquid Phase**
DURANOĞLU D., Dinçer A.
28. Ulusal Kimya Kongresi (Uluslararası Katılımlı, Mersin, Turkey, 15 August 2016, pp.104
- XV. **New Chalenges of Water Pollution in Europe and Their Socioeconomical Impact**
Ngaha E., Duranoğlu D., Ciprian B.
International Conference on European Integration New Challenges 12th Edition EINCO 2016, Oradea, Romania, 26 May 2016, pp.36-37
- XVI. **Adsorption and desorption of thiamethoxam and lambda-cyhalothrin on three large crop soils**
Ngaha E., Sayen S., Duranoğlu D., Guillon E.
46th Congress of Pesticides French Group, Bordeaux, France, 17 May 2016, pp.33
- XVII. **Preparation of Graphene like Carbon/Clay Composites**
Ersöz M., Güner G., Duranoğlu D.
Graphene Related Technologies From Laboratory to Industry, Kocaeli, Turkey, 15 October 2015, pp.1
- XVIII. **Environmental risk assessment for 3 Pharmaceutical products of different classes in Turkey: paracetamol, diclofenac and metoprolol**
Ngaha E., Duranoğlu D.
Eighth edition days of Analytical Chemistry (J.C.A. 2015), Douala, Cameroon, 30 September 2015, pp.1
- XIX. **Kalsiyum Bentonit Üzerine BSA Proteininin Adsorpsiyonu**
Kumcu M., DURANOĞLU D.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 August 2015, pp.1
- XX. **Optimization of Process Parameters for Photocatalytic Degradation of Methylene Blue by Using Experimental Design**
Arslan Y., Yılmaz Y., Şentürk M., Duranoğlu D.
248th American Chemical Society National Meeting, California, United States Of America, 10 August 2014, pp.1
- XXI. **LPG Depolama Tankında Jet Fire ve BLEVE Durumlarının Modellenmesi**
Açıkgöz V., DURANOĞLU D., BEKER Ü.
ATEX Parlayıcı ve Patlayıcı Ortamlarda Güvenlik Sempozyumu, Kocaeli, Turkey, 26 September 2016, pp.1-5
- XXII. **OPTIMIZATION OF PROCESS PARAMETERS FOR ARSENIC ADSORPTION ONTO ACTIVATED CARBON**
Duranoğlu D., Bakkal Gula C., Beker Ü.
PPM 2013- Porous and Powder Materials Symposium and Exhibition, İzmir, Turkey, 03 September 2013, pp.224
- XXIII. **SYNTHESIS OF GLASSY VOLCANIC ROCK SUPPORTED PHOTOCATALYST**
Duranoğlu D.
PPM 2013- Porous and Powder Materials Symposium and Exhibition, İzmir, Turkey, 03 September 2013, pp.175
- XXIV. **Demir Oksit Nanopartikülleri Kaplanan Zeolitler ile Ağır Metal Giderimi**
SIMSEK E. B., DURANOĞLU D., BEKER Ü.
Onuncu Ulusal Kimya Mühendisliği Kongresi, İstanbul, Turkey, 03 September 2012, pp.1-2
- XXV. **Aktif Karbon ile Arsenik Adsorpsiyonuna pH ve Scaklık Etkisi**
Gula C. B., Duranoğlu D., Beker U.
Onuncu Ulusal Kimya Mühendisliği Kongresi, İstanbul, Turkey, 03 September 2012, pp.1-2

- XXVI. **Aktif Karbon Esaslı Hibrit Adsorban ile Sulu Çözeltilerden Pb(II) Giderimi**
AVCI A. O., BEKER Ü., DURANOĞLU D.
Onuncu Ulusal Kimya Mühendisliği Kongresi, İstanbul, Turkey, 03 September 2012, pp.1-3
- XXVII. **Modeling of Fire and Explosion Occurrences at a LPG Storage Tank**
Duranoğlu D., Beker Ü., Açıkalın K.
ANQUE International Congress of Chemical Engineering 2012, Sevilla, Spain, 24 June 2012
- XXVIII. **ADSORPTION OF ARSENIC BY IRON OXIDE LOADED ACTIVATED CARBON**
Duranoğlu D., Gula C. B., Avci A. O., Beker U.
ANQUE International Congress of Chemical Engineering 2012, Sevilla, Spain, 24 June 2012
- XXIX. **Magnetik Hibrit adsorbanla Sulu Çözeltiden Ağır Metal Giderimi**
SIMSEK E., BEKER Ü., DURANOĞLU D., KÜÇÜK İ.
25.Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June 2011, pp.106
- XXX. **Manyetik Nanopartikül Yüklü Adsorbanla Sulu Çözeltiden Ağır Metal Giderimi**
SIMSEK E. B., DURANOĞLU D., BEKER U.
I. Ulusal Nanoteknoloji Kongresi, İstanbul, Turkey, 17 June 2011, pp.234-242
- XXXI. **An Eco-Friendly Adsorbent For Heavy Metal Remediation In Aqueous Environment**
Avci A. O., Duranoğlu D., Beker Ü.
SEPARATION SCIENCE-THEORY AND PRACTICE 2011, Wroclaw, Poland, 05 June 2011, pp.136
- XXXII. **Removal of Cr(VI) by Graft Copolymer Coated Magnetic Nano-Sorbent: Batch Equilibrium and Kinetic Studies**
Duranoğlu D., Beker Ü., Senkal B. F.
SEPARATION SCIENCE-THEORY AND PRACTICE 2011, Wroclaw, Poland, 05 June 2011, pp.137-138
- XXXIII. **Chromium Adsorption Onto Acrylonitrile-Divinylbenzene Derived Activated Carbon**
Duranoğlu D., Trochimczuk A. W., Beker Ü.
SEPARATION SCIENCE-THEORY AND PRACTICE 2011, Wroclaw, Poland, 05 June 2011, pp.77-81
- XXXIV. **Heavy Metal Adsorption By Magnetic Nano-Sorbent: An Experimental And Theoretical Approach**
Simsek E. B., Duranoğlu D., Beker Ü.
SEPARATION SCIENCE-THEORY AND PRACTICE 2011, Wroclaw, Poland, 05 June 2011, pp.135
- XXXV. **Removal of heavy metal by using Magnetic fluid**
Gürbüz A. A., Beker U., Duranoğlu D.
CHISA 2008, Praha, Czech Republic, 24 August 2008, pp.675
- XXXVI. **Kinetics of Chromium (VI) Removal from Aqueous Solution**
Duranoğlu D., Beker U.
CHISA 2008, Praha, Czech Republic, 24 August 2008, pp.457
- XXXVII. **Production of Iron Oxide Coated Modified Activated Carbon**
Duranoğlu Gulbayır D., Avci A. O., Beker Ü., Küçük İ.
Carbon 2008, Nagano, Japan, 13 July 2008, pp.327
- XXXVIII. **Regeneration of Activated Carbon Saturated With Chromium (VI)**
Duranoğlu D., Beker Ü.
CARBON 2008, Nagano, Japan, 13 July 2008, pp.1-3
- XXXIX. **Removal of Nickel (II) by Adsorption Using Treated Granular Activated Carbon: Batch And Column Studies**
Duranoğlu D., Murat S., Cakan R. D., Beker Ü.
CARBON 2008, Nagano, Japan, 13 July 2008, pp.1-2
- XL. **Removal of Nickel from Aqueous Solution by Using Fixed Bed Ion Exchange Column**
BEKER Ü., Murat S., CAKAN R. D., DURANOĞLU D.
ARS SEPARATORIA 2007, Szklarska Poreba, Poland, 10 June 2007, pp.72-73
- XLI. **Removal of Chromium (VI) from Aqueous Solution by Low Cost Adsorbent**
Duranoğlu D., Beker Ü.
ARS SEPARATORIA 2007, Wroclaw, Poland, 10 June 2007, pp.69-71
- XLII. **Characterization of Activated Carbon Prepared by Agricultural Waste**

- Duranoğlu Dinçer D., Demir Çakan R., Beker Ü.
NATO Advanced Research Workshop (ARW2006), Kyiv, Ukraine, 9 - 12 September 2006, pp.1
- XLIII. **Heavy Metal Removal by Using Activated Carbon**
Duranoğlu Dinçer D., Demir Çakan R., Beker Ü., Küçük İ.
NATO Advanced Research Workshop (ARW2006), Kyiv, Ukraine, 9 - 12 September 2006, pp.1
- XLIV. **Removal of Heavy Metals Using Activated Carbon Prepared From Cornelian Cherry Stones**
Küçük İ., Duranoğlu Dinçer D., Beker Ü.
Carbon 2006, Aberdeen, United Kingdom, 16 July 2006, pp.1-4
- XLV. **Effects of Activation Methods on Peach-Stone-Based Activated Carbon**
Duranoğlu D., Beker U.
CARBON 2006, Aberdeen, United Kingdom, 16 July 2006, pp.1-5
- XLVI. **Studies on Structure of Agricultural-based Activated Carbon**
Çakan R. D., Duranoğlu D., Beker U.
CARBON 2006, Aberdeen, United Kingdom, 16 July 2006, pp.1-4
- XLVII. **Heavy Metal Removal Using Acid Activated Commercial Active Carbon**
Duranoğlu Dinçer D., Beker Ü.
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- XLVIII. **Effects of Activation Process on Chromium Removal from Aqueous Solution**
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DURANOĞLU D., Özhan N., KADIRGAN N.

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Supported Projects

DURANOĞLU DİNÇER D., DOĞAN AYDENİZ Ö., AÇIKGÜL D., Kol Z. B., Project Supported by Higher Education Institutions,

KAPASİTİF DEİYONİZASYONUN BİYOTEKNOLOJİ UYGULAMASI: PROTEİN ELEKTROSORPSİYONU, 2023 - Continues

DURANOĞLU DİNÇER D., Tuğluay V. E., Project Supported by Higher Education Institutions, Biyokütle Esaslı Karbon

Elektrot Geliştirilmesi, 2023 - Continues

Duranoğlu Dinçer D., TUBITAK Project, SIMULATION BASED DESIGN OF NEW GENERATION ELECTROSORPTION

PROCESS COMPRISING POROUS CARBON ELECTRODES FOR EFFECTIVE HEAVY METAL REMOVAL/RECOVERY, 2019 -

2020

Mansuroğlu B., Derman S., Duranoğlu Dinçer D., Arasoğlu T., TUBITAK Project, In Vitro Biyolojik Aktivite Çalışması:

Sinapik Asit Yüklü Nanopartiküller, 2017 - 2019

Duranoğlu Dinçer D., Yılmaz Y., Project Supported by Higher Education Institutions, 2,4 DİKLOROFENOKSİASETİK ASİTİN

FOTOKATALİTİK DEGRADASYONU İÇİN TiO₂ ÜRETİM PROSESİNİN OPTİMİZASYONU, 2016 - 2019

Duranoğlu Dinçer D., Ngaha E., Project Supported by Higher Education Institutions, Fate of Pesticide in Soil and

Photocatalytic Degradation by Perlite Supported Titanium Dioxide (Pestisit in Toprakta Dağılımı ve Perlit Destekli

Titanyumdioksit ile Fotokatalitik Bozunması), 2015 - 2019

DURANOĞLU DİNÇER D., Project Supported by Higher Education Institutions, Perlit Destekli Fotokatalizör Sentezi Ve

Organik Boyar Maddenin Fotokatalitik Degradasyonu, 2013 - 2017

DURANOĞLU DİNÇER D., TUBITAK Project, Sıvı Faz Yönteminde İkincil Alkollerin Dehidrojenasyonu ile Keton Üretimi,

2016 - 2016

DURANOĞLU DİNÇER D., Project Supported by Higher Education Institutions, KALSİYUM BENTONİT ÜZERİNE BSA

ADSORPSİYONUNUN İNCELENMESİ, 2014 - 2016

Duranoğlu Dinçer D., Beker Ü., Project Supported by Higher Education Institutions, Manyetik Nanopartikül ile Yüzey

Özellikleri Geliştirilen Adsorbanla Sulu Çözeltilerden Ağır Metal Giderilmesi, 2010 - 2013

DURANOĞLU DİNÇER D., Project Supported by Higher Education Institutions, Gıda Endüstrisi Atığından Üretilen Aktif

Karbon ile Sulu Çözeltilerden Arsenik Giderilmesi: Proses Parametrelerinin Optimizasyonu, Adsorpsiyonun Denge ve

Kinetik Açısından İncelenmesi, 2010 - 2012

Beker Ü., Duranoğlu Dinçer D., Küçük İ., TÜBİTAK International Bilateral Joint Cooperation Program Project, Su ve Proses

Teknolojisi için Magnetik Özellikli Mikro ve Nano Boyutlu Sorbentlerin Sentezi ve Uygulamaları, 2008 - 2010

Duranoğlu Dinçer D., Beker Ü., Project Supported by Higher Education Institutions, Nano Boyutlu Sorbent ile Sulu

Çözeltilerden Krom VI ve Klorofenol Giderimi, 2007 - 2010

KÜÇÜK İ., DURANOĞLU DİNÇER D., Project Supported by Higher Education Institutions, Farklı Karakterdeki Adsorbanlar

ile Çevreye Zararlı Organiklerin Giderimi, 2005 - 2007

Beker Ü., Duranoğlu Dinçer D., Küçük İ., Dertli H., Demir R., Project Supported by Higher Education Institutions,

Aktivasyon Yöntemlerinin Lignoselülozik Malzemelerden Üretilen Aktif Karbonun İçme Sularındaki Ağır Metal ve Organik

Madde Giderimine Etkileri, 2002 - 2005

Duranoğlu Dinçer D., Beker Ü., Kalpaklı Y., TUBITAK Project, Farklı Aktivasyon Yöntemlerinin Aktif Karbon Özelliklerine

Etkisi, 2002 - 2004

Activities in Scientific Journals

Arıtım Dünyası, Publication Committee Member, 2000 - 2002

Termoklima, Publication Committee Member, 2000 - 2002

Scientific Refereeing

ENERGY CONVERSION AND MANAGEMENT, SCI Journal, August 2019

CHEMICAL ENGINEERING JOURNAL, SCI Journal, October 2017

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, SCI Journal, June 2017

SEPARATION SCIENCE AND TECHNOLOGY, SCI Journal, January 2017

CHEMICAL ENGINEERING JOURNAL, SCI Journal, December 2016

CHEMICAL ENGINEERING JOURNAL, SCI Journal, August 2016

SEPARATION SCIENCE AND TECHNOLOGY, SCI Journal, February 2016

CHEMICAL ENGINEERING JOURNAL, SCI Journal, September 2014

KOREAN JOURNAL OF CHEMICAL ENGINEERING, Journal Indexed in SCI-E, July 2014

APPLIED SURFACE SCIENCE, SCI Journal, May 2014

CLEAN-SOIL AIR WATER, Journal Indexed in SCI-E, May 2014

KOREAN JOURNAL OF CHEMICAL ENGINEERING, Journal Indexed in SCI-E, April 2014

CHEMICAL ENGINEERING JOURNAL, SCI Journal, December 2013

PROCESS SAFETY AND ENVIRONMENTAL PROTECTION, Journal Indexed in SCI-E, October 2013

INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, SCI Journal, August 2013

ARABIAN JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, August 2013

JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, Other Indexed Journal, May 2013

JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, Other Indexed Journal, March 2013

Chemical Engineering Journal, SCI Journal, December 2012

SCIENCE OF THE TOTAL ENVIRONMENT, SCI Journal, October 2012

International Journal of Environmental Science and Technology, SCI Journal, October 2012

CHEMICAL ENGINEERING JOURNAL, SCI Journal, April 2012

Industrial & Engineering Chemistry Research, SCI Journal, March 2012

CHEMICAL ENGINEERING JOURNAL, SCI Journal, March 2012

Korean Journal of Chemical Engineering/, SCI Journal, March 2012

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Environmental Engineering and Management Journal, SCI Journal, February 2012

Journal of Hazardous Materials , SCI Journal, December 2011

JOURNAL OF HAZARDOUS MATERIALS, SCI Journal, October 2011

CHEMICAL ENGINEERING JOURNAL, SCI Journal, August 2011

CHEMICAL ENGINEERING JOURNAL, SCI Journal, January 2011

JOURNAL OF HAZARDOUS MATERIALS, SCI Journal, January 2011

Mobility Activity

Sabbatical Leave, Post Doc, Universitad Karlsruhe, Germany, 2019 - 2020

Metrics

Publication: 92

Citation (WoS): 640

Citation (Scopus): 707

H-Index (WoS): 13

H-Index (Scopus): 13

Congress and Symposium Activities

International Conference on Energy and Thermal Engineering. Istanbul, Turkey, Attendee, Turkey, 2017
World of Science, Engineering and Technology (WASET) 18th International Conference on Applied Chemistry (ICAC 2016), Attendee, Ivory Coast, 2016
28. Ulusal Kimya Kongresi (Uluslararası Katılımlı), Attendee, Mersin, Turkey, 2016
248th American Chemical Society National Meeting, San Francisco, California, Attendee, United States Of America, 2014
ICOEST[®]2014, Attendee, Turkey, 2014
PPM 2013- Porous and Powder Materials Symposium and Exhibition, Attendee, –Seçiniz–, Turkey, 2013
ANQUE International Congress of Chemical Engineering 2012, Attendee, Spain, 2012
SEPARATION SCIENCE-THEORY AND PRACTICE 2011, Attendee, Wroclaw, Poland, 2011
ARS SEPARATORIA 2007, Attendee, Poland, 2007
NATO ADVANCED RESEARCH WORKSHOP, Working Group, Kyiv, Ukraine, 2006
CARBON 2006, Attendee, United Kingdom, 2006
INTERNATIONAL WORKSHOP ON FRONTIERS AND INTERFACES OF ION EXCHANGE, Attendee, Turkey, 2006
CARBON 2005, Attendee, South Korea, 2005
Altıncı Ulusal Kimya Mühendisliği Kongresi, Attendee, Turkey, 2004
2nd BLACK SEA BASIN CONFERENCE ON ANALYTICAL CHEMISTRY, Attendee, Turkey, 2003
Uluslararası Arıtım 2000 Sempozyumu ve Sergisi, Attendee, Turkey, 2001

Scholarships

2219-Yurt Dışı Doktora Sonrası Araştırma Bursu, TÜBİTAK, 2019 - 2020
NATO ADVANCED RESEARCH WORKSHOP (ARW2006) katılım tam bursu, NATO, 2006 - 2006

Awards

DURANOĞLU DİNÇER D., 2012 YILI EN FAZLA YAYIN YAPAN ARAŞTIRMA GÖREVLİLERİ ARASINDA BİRİNCİLİK ÖDÜLÜ, YILDIZ TEKNİK ÜNİVERSİTESİ, January 2013
Duranoğlu Dinçer D., Top Cited Papers (Kinetics and thermodynamics of hexavalent chromium adsorption onto activated carbon derived from acrylonitrile-divinylbenzene copolymer) for 2011 and 2012 in Chemical Engineering Journal, Elsevier., Elsevier, December 2012
Duranoğlu Dinçer D., Top Cited Papers (Process optimization for Cr(VI) adsorption onto activated carbons by experimental design) for 2011 and 2012 in Chemical Engineering Journal, Elsevier., Elsevier, December 2012

Non Academic Experience

YANMADAN Yangınla Mücadele ve Danışmanlık Ltd. Şti.