

Prof. ASİM OLGUN

Personal Information

Email: asimolgun@uludag.edu.tr

Web: <https://avesis.uludag.edu.tr/asimolgun>

International Researcher IDs

ScholarID: hAFrohMAAAAJ

ORCID: 0000-0002-0657-334X

Publons / Web Of Science ResearcherID: ABD-2316-2020

ScopusID: 6603877210

Yoksis Researcher ID: 4774

Education Information

Doctorate, The University of Sussex, Faculty Of Arts And Science, United Kingdom 1994 - 1998

Postgraduate, Marmara University, Institute For Graduate Studies İn Pure And Applied Sciences, Kimya Eđitimi (YI), Turkey 1986 - 1990

Undergraduate, Marmara University, Atatürk Faculty Of Education, Mathematics And Science Education, Turkey 1982 - 1986

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, SERAMİK MAMÜLLERİNDE HIZLI VE YAVAŞ PİŞİRME ÖZELLİKLERİNİN İNCELENMESİ, Marmara University, Fen Bilimleri Enstitüsü, Kimya Eđitimi (YI), 1990

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Bursa Uludađ University, Fen-Edebiyat Fakóltesi, Kimya, 2016 - Continues

Professor, Kütahya Dumlupınar University, FEN EDEBİYAT FAK, KİMYA, 2010 - 2016

Associate Professor, Kütahya Dumlupınar University, FEN EDEBİYAT FAKÖLTESİ, KİMYA, 2005 - 2010

Assistant Professor, Kütahya Dumlupınar University, FEN EDEBİYAT FAKÖLTESİ, KİMYA, 1998 - 2005

Research Assistant, Dumlupınar Üniversitesi, Fen-Edebiyat Fakóltesi, Kimya Bölümü, 1993 - 1998

Academic and Administrative Experience

Courses

QUANTUM CHEMISTRY, Undergraduate, 2021 - 2022
FİZİKOKİMYA LABORATUVARI II, Undergraduate, 2021 - 2022
SCIENTIFIC ENGLISH, Undergraduate, 2022 - 2023
ARAYÜZEY BİLİMİ II, Doctorate, 2021 - 2022
GENEL KİMYA, Undergraduate, 2021 - 2022
KİMYADA PRATİK HESAPLAR, Undergraduate, 2020 - 2021
LIGHT AND CHEMISTRY, Undergraduate, 2020 - 2021
İLERİ FİZİKOKİMYA, Postgraduate, 2021 - 2022
ARAYÜZEY BİLİMİ I, Doctorate, 2021 - 2022
CHEMICAL THERMODYNAMICS, Undergraduate, 2021 - 2022
FİZİKOKİMYA LABORATUVARI I, Undergraduate, 2021 - 2022

Advising Theses

OLGUN A., Bor içeren yeni bir poliokzometalat bileşiğinin sentezi yapısının karakterizasyonu ve katalitik aktivitesinin belirlenmesi, Postgraduate, E.KANAR(Student), 2016
OLGUN A., Sulu çözeltilerden bazik tekstil boyarmaddelerin giderilmesi, Postgraduate, H.İBRAHİM(Student), 2013
OLGUN A., Bor mineralleri zenginleştirme prosesi atıklarının, ağır metallerin sulu çözeltilerden uzaklaştırılmasında kullanılabilirliğinin araştırılması, Postgraduate, A.TOKU(Student), 2013
OLGUN A., Sulu çözeltiden anyonik tekstil boyarmaddelerin, fosfatın ve nitratın bor endüstri atığı kullanarak kesikli ve sürekli sistemlerde adsorpsiyonu, Doctorate, N.ATAR(Student), 2012
OLGUN A., Sulu çözeltiden ağır metallerin uzaklaştırılması, Postgraduate, O.AYKOÇ(Student), 2009
OLGUN A., Atık sularından bakır (II) ve kobalt (III) iyonlarının adsorpsiyon metoduyla uzaklaştırılması, Postgraduate, G.KARAKAYA(Student), 2008
OLGUN A., Atık sularından nikel (II) ve kurşun (II) iyonlarının adsorpsiyon metoduyla uzaklaştırılması, Postgraduate, E.YERLİKAYA(Student), 2008
OLGUN A., Suda çözünen polimerlerin çimento ve beton özellikleri üzerine etkisinin incelenmesi, Postgraduate, N.ATAR(Student), 2006
OLGUN A., Bazı organik maddelerin ve suda çözünen polimerlerin duvar karosu üzerine fizikokimyasal etkisinin incelenmesi, Postgraduate, Y.KALAFAT(Student), 2005
OLGUN A., Polimer katkılı çimentoların incelenmesi, Postgraduate, B.ZEYBEK(Student), 2003
OLGUN A., Bor endüstri atıklarının tuğla ve kiremit endüstrisinde kullanılması, Postgraduate, Z.TUNÇ(Student), 2003
OLGUN A., Borlu çimentoların teknik özellikleri üzerine melasın etkisi, Postgraduate, B.ERTAN(Student), 2003
OLGUN A., Bor endüstri atıklarının seramik üretiminde kullanımı, Postgraduate, Y.AYHAN(Student), 2002

Jury Memberships

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Bursa Uludağ Üniversitesi, December, 2022
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Bursa Teknik Üniversitesi, November, 2022
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Bursa Uludağ Üniversitesi, October, 2022
Academic Staff Examination, Academic Staff Examination, Muğla Sıtkı Koçman Üniversitesi, June, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Bursa Uludağ Üniversitesi, June, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Bursa Uludağ Üniversitesi, May, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Bursa Uludağ Üniversitesi, May, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Bursa Teknik Üniversitesi, January, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A new Keggin-type polyoxometalate catalyst for degradation of aqueous organic contaminants**
OLGUN A., ÇOLAK A. T., GÜBBÜK İ. H., ŞAHİN O., Kanar E.
JOURNAL OF MOLECULAR STRUCTURE, vol.1134, pp.78-84, 2017 (SCI-Expanded)
- II. **Adsorptive properties of molasses modified boron enrichment waste based nanoclay for removal of basic dyes**
Gupta V. K., Agarwal S., Olgun A., Demir H. I., Yola M. L., Atar N.
JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY, vol.34, pp.244-249, 2016 (SCI-Expanded)
- III. **Facile and green fabrication of silver nanoparticles on a polyoxometalate for Li-ion battery**
Eren T., Atar N., Yola M. L., Karimi-Maleh H., Colak A. T., Olgun A.
IONICS, vol.21, no.8, pp.2193-2199, 2015 (SCI-Expanded)
- IV. **Effect of mixing water types on the time-dependent zeta potential of Portland cement paste**
Ersoy B., Dikmen S., Uygunoglu T., Icduygu M. G., Kavas T., Olgun A.
SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, vol.20, no.3, pp.285-292, 2013 (SCI-Expanded)
- V. **Heavy metal resistances and biosorptive behaviors of Paenibacillus polymyxa: Batch and column studies**
Colak F., Olgun A., Atar N., Yazicioglu D.
JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY, vol.19, no.3, pp.863-869, 2013 (SCI-Expanded)
- VI. **Batch and column studies of phosphate and nitrate adsorption on waste solids containing boron impurity**
Olgun A., Atar N., Wang S.
CHEMICAL ENGINEERING JOURNAL, vol.222, pp.108-119, 2013 (SCI-Expanded)
- VII. **Equilibrium, thermodynamic and kinetic studies for the adsorption of lead (II) and nickel (II) onto clay mixture containing boron impurity**
Olgun A., Atar N.
JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY, vol.18, no.5, pp.1751-1757, 2012 (SCI-Expanded)
- VIII. **Adsorption of cadmium (II) and zinc (II) on boron enrichment process waste in aqueous solutions: Batch and fixed-bed system studies**
Atar N., Olgun A., Wang S.
CHEMICAL ENGINEERING JOURNAL, vol.192, pp.1-7, 2012 (SCI-Expanded)
- IX. **Chemical and mineralogical characterization of archaeological building materials from Seyitömer Höyük, Kütahya, Turkey**
Bilgen N., Olgun A.
Mediterranean Archaeology and Archaeometry, vol.12, no.1, pp.1-9, 2012 (AHCI)
- X. **Biosorption of lead from aqueous solutions by Bacillus strains possessing heavy-metal resistance**
Colak F., Atar N., Yazicioglu D., Olgun A.
CHEMICAL ENGINEERING JOURNAL, vol.173, no.2, pp.422-428, 2011 (SCI-Expanded)
- XI. **Adsorption of Anionic Dyes on Boron Industry Waste in Single and Binary Solutions Using Batch and Fixed-Bed Systems**
Atar N., Olgun A., Wang S., Liu S.

- JOURNAL OF CHEMICAL AND ENGINEERING DATA, vol.56, no.3, pp.508-516, 2011 (SCI-Expanded)
- XII. **Removal of copper and cobalt from aqueous solution onto waste containing boron impurity**
Olgun A., Atar N.
CHEMICAL ENGINEERING JOURNAL, vol.167, no.1, pp.140-147, 2011 (SCI-Expanded)
- XIII. **Biosorption study of anionic dyes from aqueous solutions using Bacillus amyloliquefaciens**
Yenikaya C., Atar E., Olgun A., Atar N., Ilhan S., Colak F.
ENGINEERING IN LIFE SCIENCES, vol.10, no.3, pp.233-241, 2010 (SCI-Expanded)
- XIV. **Synthesis, Spectral, Thermal Analysis, Biological Activity and Kinetic Studies of Copper(II)-Pyridine-2,5-dicarboxylate Complexes with 2-Aminomethylpyridine and 8-Hydroxyquinoline.**
Colak A., Colak F., Atar N., Olgun A.
Acta chimica Slovenica, vol.57, pp.212-21, 2010 (SCI-Expanded)
- XV. **Removal of basic and acid dyes from aqueous solutions by a waste containing boron impurity**
Atar N., Olgun A.
DESALINATION, vol.249, no.1, pp.109-115, 2009 (SCI-Expanded)
- XVI. **Biosorption of acidic dyes from aqueous solution by Paenibacillus macerans: Kinetic, thermodynamic and equilibrium studies**
Colak F., Atar N., Olgun A.
CHEMICAL ENGINEERING JOURNAL, vol.150, no.1, pp.122-130, 2009 (SCI-Expanded)
- XVII. **Equilibrium and kinetic adsorption study of Basic Yellow 28 and Basic Red 46 by a boron industry waste**
Olgun A., Atar N.
JOURNAL OF HAZARDOUS MATERIALS, vol.161, no.1, pp.148-156, 2009 (SCI-Expanded)
- XVIII. **Thermodynamic, Equilibrium and Kinetic Study of the Biosorption of Basic Blue 41 using Bacillus macerans**
Atar N., Olgun A., Colak F.
ENGINEERING IN LIFE SCIENCES, vol.8, no.5, pp.499-506, 2008 (SCI-Expanded)
- XIX. **Effect of DMA-MMA diblock copolymer on the properties of Portland and composite cement**
Olgun A., Atar N., Butun V., Erdogan Y.
CEMENT & CONCRETE COMPOSITES, vol.30, no.4, pp.334-346, 2008 (SCI-Expanded)
- XX. **Studies on cement and mortar containing low-calcium fly ash, limestone, and dolomitic limestone**
Yimaz B., Olgun A.
CEMENT & CONCRETE COMPOSITES, vol.30, no.3, pp.194-201, 2008 (SCI-Expanded)
- XXI. **Removal of acid blue 062 on aqueous solution using calcinated colemanite ore waste**
Atar N., Olgun A.
JOURNAL OF HAZARDOUS MATERIALS, vol.146, pp.171-179, 2007 (SCI-Expanded)
- XXII. **Physico-chemical characteristics of chemically activated cement containing boron**
Olgun A., Kavas T., Erdogan Y., Once G.
BUILDING AND ENVIRONMENT, vol.42, no.6, pp.2384-2395, 2007 (SCI-Expanded)
- XXIII. **The effect of pectin on the physicochemical and mechanical properties of cement containing boron**
Kavas T., Olgun A., Erdogan Y., Once G.
BUILDING AND ENVIRONMENT, vol.42, no.4, pp.1803-1809, 2007 (SCI-Expanded)
- XXIV. **Setting and hardening of borogypsum-Portland cement clinker-fly ash blends. Studies on effects of molasses on properties of mortar containing borogypsum**
Kavas T., Olgun A., Erdogan Y.
CEMENT AND CONCRETE RESEARCH, vol.35, no.4, pp.711-718, 2005 (SCI-Expanded)
- XXV. **Development of ceramic tiles from coal fly ash and tincal ore waste**
Olgun A., Erdogan Y., Ayhan Y., Zeybek B.
CERAMICS INTERNATIONAL, vol.31, no.1, pp.153-158, 2005 (SCI-Expanded)
- XXVI. **Influence of natural pozzolan, colemanite ore waste, bottom ash, and fly ash on the properties of Portland cement**
Targan S., Olgun A., Erdogan Y., Sevinc V.

- CEMENT AND CONCRETE RESEARCH, vol.33, no.8, pp.1175-1182, 2003 (SCI-Expanded)
- XXVII. **Effects of supplementary cementing materials on the properties of cement and concrete**
Targan S., Olgun A., Erdogan Y., Sevinc V.
CEMENT AND CONCRETE RESEARCH, vol.32, no.10, pp.1551-1558, 2002 (SCI-Expanded)
- XXVIII. **An investigation on the use of tincal ore waste, fly ash, and coal bottom ash as Portland cement replacement materials**
Kula I., Olgun A., Sevinc V., Erdogan Y.
CEMENT AND CONCRETE RESEARCH, vol.32, no.2, pp.227-232, 2002 (SCI-Expanded)
- XXIX. **Effects of colemanite waste, coal bottom ash, and fly ash on the properties of cement**
Kula I., Olgun A., Erdogan Y., Sevinc V.
CEMENT AND CONCRETE RESEARCH, vol.31, no.3, pp.491-494, 2001 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **DEVELOPMENT OF WATER BASED ADHESIVES FOR DIFFERENT INDUSTRIAL APPLICATIONS- RUBBER TO METAL BONDING AGENTS**
ERKEN GÜNEŞ S., OLGUN A., GÖRÜR M.
International Marmara Sciences Congress, Kocaeli, Turkey, 13 May 2022, pp.181-187
- II. **Adsorption of Hexavalent Chromium from an aqueous phase by chemically modified composite material containing boron**
OLGUN A., KARA A., SEVİNÇ P.
Uluslararası Bor Sempozyumu, Nevşehir, Turkey, 17 - 19 April 2019
- III. **Comparison of Adsorption Behavior of Phenol onto Magnetic and Nonmagnetic Polymer Microspheres**
ÖZDEMİR İ., KARA A., TEKİN N., OLGUN A.
18th INTERNATIONAL CHROMATOGRAPHY CONGRESS, 15 - 18 November 2018
- IV. **The Removing of The Reactive Orange 16 onto the Magnetic Polymer Microparticles via Adsorption**
KARA A., EREN H. A., EREN S., OLGUN A., Kaplan B., Yıldız K.
AUTEX 2018, 18th AUTEX World Textile Conference, İstanbul, Turkey, 20 - 22 June 2018, pp.512-513
- V. **The Polymeric Microparticles for Removal of Reactive Black 5 from Aqueous Solution**
EREN H. A., KARA A., EREN S., OLGUN A., Kaplan B., Yıldız K.
AUTEX 2018, 18th AUTEX World Textile Conference, İstanbul, Turkey, 20 - 22 June 2018, pp.86-87
- VI. **Congo Red Adsorption onto Polymeric Composites: Isothermal Study**
Karaş S., SÖZÜGEÇER S., KARA A., OLGUN A.
3rd International Porous and Powder Materials Symposium and Exhibition, PPM 2017, 12 - 15 September 2017
- VII. **Adsorption of Congo red from aqueous solution by a waste containing boron impurity**
OLGUN A., KARA A., Durmuş Z., Özkan E., Başbüyük E.
3rd International Porous and Powder Materials Symposium and Exhibition, PPM 2017, 12 - 15 September 2017
- VIII. **Removal of Basic Yellow 13 Textile Dye Pollutions with Polymeric Adsorbents**
Güler E., SÖZÜGEÇER S., KARA A., OLGUN A.
3rd International Porous and Powder Materials Symposium and Exhibition, PPM 2017, 12 - 15 September 2017
- IX. **Cationic Dye Removal from Textile Waste-water by Using Magnetic Polymer Adsorbents**
KARA A., İLKAY AYDIN Ö., SÖZÜGEÇER S., OLGUN A.
3rd International Porous and Powder Materials Symposium and Exhibition, PPM 2017, 12 - 15 September 2017
- X. **Acid Blue 113 remediation from water using polymer modified waste containing boron impurity**
OLGUN A., BÜTÜN V., ANNAÇ H.
19th International Conference on Researches in Science Technology (ICRST), 27-28 July 2017, Barcelona, Spain, 27 - 28 July 2017
- XI. **Cytotoxic and Morphologic effects of new synthetic boron compound agent on A549 cells**
ÖZTOPCU VATAN A. P., UĞURLUGÜNGÖR H., Kanar E., OLGUN A., ÇOLAK A. T.

3rd INTERNATIONAL CONGRESS on APPLIED BIOLOGICAL SCIENCES, 9 - 12 July 2017

XII. EFFECTS OF BOROTUNGSTATE AGENT ON CELL SURVIVAL AND MORPHOLOGY IN NON SMALL LUNG CANCER CELL LINE

Öztopçu Vatan P., Uğurlugüngör H., Kanar E., OLGUN A., ÇOLAK A. T.

1st International Cell Death Research Congress-Turkey, 4 - 07 May 2016

XIII. Silver Nanoparticles Decorated Polyoxometalate Nanocomposite as an Ultrahigh Capacity Anode Material for Lithium Ion Battery

OLGUN A., ATAR N., ÇOLAK A. T., YOLA M. L., Eren T.

XII International Conference on Nanostructured Materials, (Nano 2014), 13 August 2013 - 18 August 2014

XIV. Adequacy of Spectroscopic Characterization of Electrochemically Grafted Nanofilms

ATAR N., SOLAK A. O., ÜSTÜNDAĞ İ., OLGUN A., EKŞİ KOÇAK H., DURGUN Z.

2nd Nano Today Conference, 11 - 15 December 2011

XV. Ru@Au Bimetallic Nanoparticle Involved Alginate Beads

ATAR N., ÜSTÜNDAĞ İ., OLGUN A., ÜSTÜNDAĞ Z., EKŞİ KOÇAK H., SOLAK A. O.

2nd Nano Today Conference, 11 - 15 December 2011

XVI. Thermodynamic, Equilibrium and Kinetic Study of the Biosorption of Basic Blue 41 using Bacillus macerans, 2nd International Symposium on Biothermodynamics

ATAR N., ÇOLAK F., OLGUN A.

2nd International Symposium on Biothermodynamics, Amsterdam, Netherlands, 21 February 2008

Supported Projects

GÖRÜR M., OLGUN A., ÖZEL Ş., Project Supported by Higher Education Institutions, Polimerik ve Polimerik Kompozit Materyallerin Sentezi, Karakterizasyonu ve Yapıştırıcı Performanslarının İncelenmesi, 2022 - Continues

OLGUN A., KARA A., Project Supported by Higher Education Institutions, Polimerle modifiye edilmiş üleksit minerali zenginleştirme sürecinde açığa çıkan atıkların sulu çözeltilerden anyonik kirliliklerin araştırılmasında kullanımının araştırılması, 2018 - Continues

OLGUN A., GÖRÜR M., EKEN GÜNEŞ Ş. S., Project Supported by Higher Education Institutions, Su Bazlı KauçukMetal Yapıştırıcı Ajanların Geliştirilmesi ve Oluşan Yeni Bileşenlerin Özelliklerinin İncelenmesi, 2022 - 2024

KARA A., OLGUN A., ÖZEL Ş., EREN H. A., Project Supported by Higher Education Institutions, Çapraz Bağlı Gözenekli Reaktif Kopolimer Kürelerin Sentezi, Karakterizasyonu Ve Sulu Çözeltilerden Ağır Metal Ve Boya Gideriminin Fizikokimyasal Araştırılması, 2019 - 2022

OLGUN A., Project Supported by Higher Education Institutions, Bor Atıkların Modifiye Adsorban Malzemelerin Üretilmesi ve Tekstil Boyarmadde Adsorpsiyonunda Kullanımının Araştırılması, 2014 - 2015

Scientific Refereeing

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, ENORPA ENERJİ SANAYİ TİCARET LİMİTED ŞİRKETİ (ISPARTA), Turkey, April 2024

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Bursa Uludağ University, Turkey, January 2024

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Bursa Uludağ University, Turkey, January 2024

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Bursa Uludağ University, Turkey, January 2024

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Bursa Uludağ University, Turkey, July 2023

TUBITAK Project, 1501 - Industry R & D Projects Support Program, MYD GRUP A.Ş, Turkey, April 2022

TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, Bursa Uludağ University, Turkey, September 2021

Metrics

Publication: 50

Citation (WoS): 1791

Citation (Scopus): 1981

H-Index (WoS): 23

H-Index (Scopus): 22

Non Academic Experience

Milli Eğitim Bakanlıđı