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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AHC-2684-2022

ScopusID: 56021044800

Yoksis Researcher ID: 132894

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), Turkey 2004 - 2011

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (YI) (Tezli), Turkey 2001 - 2004

Undergraduate, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1996 - 2000

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Tekstil atksularındaki metal-kompleks boyarmaddelerin ve krom iyonlarının *Saccharomyces cerevisiae* ve *Candida tropicalis* mayalarıyla biyobirikiminin araştırılması, Gazi University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), 2011

Postgraduate, Ayçiçeği tohum kabuğu hemiselüloz hidrolizatının alkole fermentasyon koşullarının ve kinetiğinin incelenmesi, Gazi University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (YI) (Tezli), 2003

Research Areas

Chemical Engineering and Technology, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, 2022 - Continues

Assistant Professor, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, 2020 - 2022

Lecturer, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, 2012 - 2020

Research Assistant, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, 2001 - 2012

Academic and Administrative Experience

Deputy Head of Department, Gazi University, Mühendislik Fakültesi, Kimya Mühendisliği, 2020 - Continues

Courses

KİMYA MÜHENDİSLİĞİ LABORATUVARI 1, Undergraduate, 2017 - 2018, 2016 - 2017
ÇEVRE KİMYASI, Undergraduate, 2017 - 2018, 2016 - 2017
BİTİRME ÖDEVİ, Undergraduate, 2017 - 2018, 2016 - 2017
BİYOKİMYAYA GİRİŞ, Undergraduate, 2017 - 2018
LİSANS ARAŞTIRMA PROJESİ, Undergraduate, 2017 - 2018, 2016 - 2017
KİMYA MÜHENDİSLİĞİ LABORATUVARI 2, Undergraduate, 2017 - 2018
KİMYA MÜHENDİSLİĞİ TERMODİNAMİĞİ, Undergraduate, 2017 - 2018, 2016 - 2017
Mühendislik Termodinamiği, Undergraduate, 2017 - 2018, 2016 - 2017
SU VE ATIKSU TEKNOLOJİSİ, Postgraduate, 2016 - 2017
Kimya Mühendisliği Matematiği, Postgraduate, 2016 - 2017
İLERİ MÜHENDİSLİK MATEMATİĞİ, Postgraduate, 2016 - 2017

Advising Theses

Saraçoğlu N., Okur M., Controlled Drug Release From Chitosan And Montmorillonite Clay Composite, Postgraduate, F.ALTUNKAYNAK(Student), 2020
Saraçoğlu N., Okur M., PCL ve montmorillonit/organo montmorillonit'den elde edilen kompozit malzemelerin gıda ambalajı için değerlendirilmesi, Postgraduate, M.ERYILMAZ(Student), 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Controlled release of paroxetine from chitosan/montmorillonite composite films**
Altunkaynak F., OKUR M., SARAÇOĞLU N.
Journal of Drug Delivery Science and Technology, vol.68, 2022 (SCI-Expanded)
- II. **Investigation of dye removal ability and reusability of green and sustainable silica and carbon-silica hybrid aerogels prepared from paddy waste ash**
Koyuncu D. D., OKUR M.
COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, vol.628, 2021 (SCI-Expanded)
- III. **Improvement of mechanical, thermal and antimicrobial properties of organically modified montmorillonite loaded polycaprolactone for food packaging**
Eryılmaz Seyrek M., Okur M., Saraçoğlu N.
JOURNAL OF VINYL & ADDITIVE TECHNOLOGY, vol.27, no.4, pp.894-908, 2021 (SCI-Expanded)
- IV. **Immobilization of Trametes versicolor laccase on chitosan/halloysite as a biocatalyst in the Remazol Red RR dye.**
Hürmüzlü R., Okur M., Saraçoğlu N.
International journal of biological macromolecules, vol.192, pp.331-341, 2021 (SCI-Expanded)
- V. **Removal of AV 90 dye using ordered mesoporous carbon materials prepared via nanocasting of KIT-6: Adsorption isotherms, kinetics and thermodynamic analysis**
Koyuncu D. D., OKUR M.
SEPARATION AND PURIFICATION TECHNOLOGY, vol.257, 2021 (SCI-Expanded)
- VI. **Investigation of pretreatment parameters in the delignification of paddy husks with deep eutectic solvents**
Okur M., Eslek Koyuncu D. D.
Biomass and Bioenergy, vol.142, 2020 (SCI-Expanded)

- VII. **Development of PCL/PEO electrospun fibrous membranes blended with silane-modified halloysite nanotube as a curcumin release system**
Bulbul Y. E., Okur M., Demirtas-Korkmaz F., Dilsiz N.
APPLIED CLAY SCIENCE, vol.186, 2020 (SCI-Expanded)
- VIII. **The evaluation of hydroxyapatite synthesized from waste eggshell in the adsorption of Remazol N.Blue RGB dye**
OKUR M., ESLEK KOYUNCU D. D.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.1, pp.419-430, 2020 (SCI-Expanded)
- IX. **Removal of metal-complex dye with Candida tropicalis from aqueous solutions : Growth and inhibition kinetics**
OKUR M., SARAÇOĞLU N., AKSU Z.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.3, pp.1399-1408, 2020 (SCI-Expanded)
- X. **The Removal of Acid Violet 90 from Aqueous Solutions Using PANI and PANI/Clinoptilolite Composites: Isotherm and Kinetics**
Akti F., OKUR M.
JOURNAL OF POLYMERS AND THE ENVIRONMENT, vol.26, no.11, pp.4233-4242, 2018 (SCI-Expanded)
- XI. **The removal of CI acid violet 90 metal-complex dye using synthetic and natural zeolite from aqueous solutions**
OKUR M., Akti F.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.31, no.3, pp.678-687, 2016 (SCI-Expanded)
- XII. **REMOVAL OF METAL-COMPLEX DYE FROM TEXTILE WASTEWATERS USING EGG SHELL**
Okur M.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.28, no.4, pp.777-785, 2013 (SCI-Expanded)
- XIII. **Fermentation of sunflower seed hull hydrolysate to ethanol by Pichia stipitis**
Telli-Okur M., Eken-Saracoglu N.
BIORESOURCETECHNOLOGY, vol.99, no.7, pp.2162-2169, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **Pretreatment of Paddy Husk Used for Bioethanol Production with Deep Eutectic Solvent**
TURAN F. Z., OKUR M., ESLEK KOYUNCU D. D.
Bioenergy Studies, vol.2, no.2, pp.69-73, 2022 (Peer-Reviewed Journal)
- II. **Adsorption of Rhodamine-B from Aqueous Solution Using APTMS and GPTMS Modified Silica Sorbents**
ESLEK KOYUNCU D. D., OKUR M.
Eurasian Journal of Medical and Biological Sciences, vol.2, no.1, pp.6-13, 2022 (Peer-Reviewed Journal)
- III. **Evaluation of Polycaprolacton/Halloysite Films Containing Boric Acid, Citric Acid, Ascorbic Acid as Packaging Materials**
OKUR M.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.24, no.1, pp.315-321, 2021 (ESCI)
- IV. **DOĞAL VE KALSİNE YUMURTA KABUKLARININ Cr(III) GİDERİMİNDE DEĞERLENDİRİLMESİ**
OKUR M., AK Ç., TÜMTÜRK U.
Uludağ University Journal of The Faculty of Engineering, vol.24, no.2, pp.313-326, 2019 (Peer-Reviewed Journal)
- V. **Polianilin/Aljinat Kompozit Malzemesinin Asit Violet 90 Boyar Maddesinin Gideriminde Kullanılması: Kinetik Ve İzoterm Değerlendirmesi**
OKUR M., AKTI F., Çetintaş A.

Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.6, pp.729-740, 2018 (Peer-Reviewed Journal)

- VI. **Use of response surface methodology for the bioaccumulation of violet 90 metal complex dye by *Candida tropicalis***
Okur M., Saraçoğlu N., Aksu Z.
Turkish Journal of Engineering and Environmental Sciences, vol.38, pp.217-230, 2014 (Scopus)
- VII. **Investigation Of Removal Of Phosphate From Aqueous Media Using Low Cost Adsorbent**
OKUR M., İlknur K.
Selcuk University Journal of Engineering, Science and Technology, vol.2, no.1, pp.35, 2014 (Peer-Reviewed Journal)
- VIII. **Ayçiçeği Kabuğu Hemiselülozik Hidrolizatına Adapte Edilmiş *Pichia Stipitis* Mayası ile Alkol Üretimine Zehir Giderme Ön İşlemlerinin Etkisi**
Okur M.
Journal Of The Faculty Of Engineering And Architecture Of Gazi University, vol.22, no.2, pp.385-391, 2007 (Scopus)
- IX. **Ethanol Production Sunflower Seed Hull Hydrolysate by *Pichia stipitis* under Uncontrolled pH Conditions in a Bioreactor**
OKUR M., SARAÇOĞLU N.
Turkish Journal of Engineering and Environmental Sciences, vol.30, no.5, pp.317-322, 2006 (Scopus)

Books & Book Chapters

- I. **Çeltik Artıklarının Sürdürülebilir Yeşil Teknoloji Ürünlerine Dönüşümü**
OKUR M., ESLEK KOYUNCU D. D.
in: Güncel Multidisipliner Teknik Araştırmalar, Doç. Dr. Ali ÖZ, Editor, Strategic Researches Academy Academic Publishing, pp.105-132, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **Karpuz Kabuklarından Derin Ötektik Çözücüler İle Pektin Eldesi**
Temuçin B., OKUR M.
5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022), Turkey, 23 November 2022
- II. **Pretreatment Of Paddy Husk Used for Bioethanol Production with Deep Eutectic Solvent**
TURAN F. Z., OKUR M., ESLEK KOYUNCU D. D.
4th Bioenergy Studies Symposium, Turkey, 26 May 2022
- III. **Preparation of Polycaprolactone/Polyethylene/Montmorillonite Nanofibers by Electrospinning**
KIZILIRMAK T., SARAÇOĞLU N., OKUR M.
1st International Conference on Engineering and Applied Natural Sciences, Turkey, 10 - 13 May 2022
- IV. **Use of Polycaprolactone/Hyaluronic Acid Nanofibers in Drug Delivery Systems**
LATİFOVİÇ N., OKUR M.
1st International Conference on Engineering and Applied Natural Sciences, 10 May 2022
- V. **The effect of sorbent amount on the adsorption of Acid Violet 90 dye by chitosan/halloysite/boron nitride composite materials**
Gümsel E., Bulur S. N., OKUR M.
2nd International Conference on Applied Engineering, 10 - 13 March 2022
- VI. **Adsorption of Rhodamine-B from Aqueous Solution Using APTMS and GPTMS Modified Silica Sorbents**
ESLEK KOYUNCU D. D., OKUR M.
3rd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2021) December 15-17, 2021, 15 - 17 December 2021

- VII. **Controlled Drug Release of Dexketoprofen from Chitosan-Halloysite Composite Beads**
OKUR M.
International Eurasian Conference on BioTechnology and BioChemistry (BioTechBioChem 2020), Ankara, Turkey, 16 - 18 December 2020
- VIII. **Degradation of textile colourants by using laccase immobilized bentonite**
TOKUCU Ö., OKUR M., SARAÇOĞLU N.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), 19 - 20 March 2020
- IX. **Pre-Treatment of Sunflower Seeds Hulls With Deep Eutectic Solvents Before Enzymatic Hydrolysis**
ÇETİNKAYA M., OKUR M., SARAÇOĞLU N.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), Ankara, Turkey, 19 - 20 March 2020
- X. **The Use Of Laccase Enzyme In The Removal Of Textile Dyes**
Hürmüzlü R., OKUR M., SARAÇOĞLU N.
3rd International Symposium on Multidisciplinary Studies and Innovative Technologies, 11 - 13 October 2019
- XI. **Modified halloysite nanotube-PCL/PEO composite fibers: Preparation, characterization, and drug release profiles**
OKUR M., Bülbül Y. E., Aydoğan H., DemirtaşKorkmaz F., DİLSİZ N.
2nd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2019), 28 - 29 June 2019
- XII. **Controlled release of paroxetine from chitosan-montmorillonite nanocomposite**
Altunkaynak F., OKUR M., SARAÇOĞLU N.
2nd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2019), 28 - 29 June 2019
- XIII. **Synthesis, characterization, and in-vitro release study of curcumin-loaded electrospun nanofiber membranes reinforced with hydroxyapatite**
Aydoğan H., Bülbül Y. E., OKUR M., DİLSİZ N.
2nd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2019), 28 - 29 June 2019
- XIV. **CHARACTERIZATION STUDIES OF POLYCAPROLACTONE AND CLAY BASED NANOCOMPOSITE MATERIAL**
Eryılmaz M., OKUR M., SARAÇOĞLU N.
1 MAYIS ULUSLARARASI SOSYAL POLİTİKALAR VE BİLİMSEL ARAŞTIRMALAR KONGRESİ, 01 May 2019
- XV. **Nikel adsorpsiyonunda polianilin/Aljinat kompozit malzemesinin kullanılması**
OKUR M., Özkan Keleş A.
VII. Polimer Bilim ve Teknoloji Kongresi, Turkey, 9 - 12 September 2018
- XVI. **Polianilin katkılı aljinat kompozit malzemesinin reaktif boyar maddelerin adsorpsiyonunda değerlendirilmesi**
OKUR M., Bayram S., Vatansever G.
VII. Polimer Bilim ve Teknoloji Kongresi, Turkey, 9 - 12 September 2018
- XVII. **Aljinat/hallosit nanotüpün karakterizasyonu ve Cr(VI) adsorpsiyonunda kullanılması**
Özkan Keleş A., OKUR M.
13. Ulusal Kimya Mühendisliği Kongresi, Turkey, 3 - 06 September 2018
- XVIII. **'ATIK YUMURTA KABUKLARINDAN ELDE EDİLEN HİDROKSİAPATİTİN KARAKTERİZASYONU VE REMAZOL N. BLUE RGB ADSORPSİYONUNDA KULLANILMASI**
ESLEK KOYUNCU D. D., OKUR M.
ULUSAL KİMYA MÜHENDİSLİĞİ KONGRESİ UKMK 2018, Turkey, 3 - 06 September 2018
- XIX. **TEKSTİL ATIK SULARINDAN YUMURTA KABUĞU İLE RHODAMİNE B ADSORPSİYONU**
KÜBRA K., OKUR M.
12. KİMYA MÜHENDİSLİĞİ KONGRESİ, Turkey, 23 - 26 August 2016
- XX. **SACCHAROMYCES CEREVISIAE KULLANILAN ASİT VİOLET 90 METAL KOMPLEKSBOYAR MADDESİNİN**

BİYOSORPSİYONU

OKUR M., AVCI C. A.

12. KİMYA MÜHENDİSLİĞİ KONGRESİ, 23 - 26 August 2016

- XXI. **ASİT VİOLET 90 BOYAR MADDESİNİN CTAB İLE MODİFİYE EDİLMİŞ SODYUM ALJİNATİLE ADSORPSİYONU**
ALTUNOĞLU B., OKUR M.
12.KİMYA MÜHENDİSLİĞİ KONGRESİ, Turkey, 23 - 26 August 2016
- XXII. **Melasın Hidroliz Edilmesinin ve Melas Derişiminin Saccharomyces cerevisiae ile Etil Alkol Üretimine Etkisinin İncelenmesi**
OKUR M., Çelik M., Eroğlu N., Çakmak Y.
18.Ulusal Biyoteknoloji Kongresi, Turkey, 18 - 19 December 2015
- XXIII. **Removal of Violet 90 Metal Complex Dye by Using Zeolite from Aqueous Solutions**
OKUR M., AKTI F.
2nd INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING (ICCESEN-2015), 14 - 19 October 2015
- XXIV. **YUMURTA KABUĞU İLE ATIK SULARDAN Cr III UZAKLAŞTIRILMASI**
OKUR M., çağla a., Tümürk U.
27.Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015
- XXV. **ASİT VİOLET 90 BOYARMADDESİNİN FINDIK KABUĞU İLE ADSORPSİYONU**
OKUR M., Şenöz Ö.
11. Ulusal Kimya Mühendisliği Kongresi, Turkey, 2 - 05 September 2014
- XXVI. **Portakal kabuğu kullanılarak adsorpsiyon ile asit violet 90 boyarmaddesinin giderimi**
OKUR M., Türkyılmaz E.
11. Ulusal Kimya Mühendisliği Kongresi, Turkey, 2 - 05 September 2014
- XXVII. **Removal of Reactive Blue 21 dye with peanut seed**
TEPEERİ H., SARAÇOĞLU N., OKUR M.
10.National Chemical Engineering Congress, Turkey, 3 - 06 September 2012
- XXVIII. **Removal of Everzol Black N dye with peanut seed**
HALICI E., SARAÇOĞLU N., OKUR M.
10.National Chemical Engineering Congress, Turkey, 3 - 06 September 2012
- XXIX. **Investigation of Removal of dyes in the textile wastewaters by using horse chestnut and sunflower seed hulls**
KAYACAN İ., OKUR M.
9. National Chemical Engineering Congress, Turkey, 22 - 25 June 2010
- XXX. **Removal of C I Violet 90 dye with Saccharomyces cerevisiae in a batch system**
OKUR M., SARAÇOĞLU N., AKSU Z.
9. National Chemical Engineering Congress, Turkey, 22 - 25 June 2010
- XXXI. **The effect of process conditions and different detoxification methods on ethanol production from sunflower seed hull hydrolysate with Pichia stipitis**
OKUR M., SARAÇOĞLU N.
7. National Chemical Engineering Congress, Turkey, 5 - 08 September 2006
- XXXII. **Investigation of hydrolysis of nutshell with HCl using experimental design method**
OKUR M., SARAÇOĞLU N.
7. National Chemical Engineering Congress, Turkey, 5 - 08 September 2006

Supported Projects

OKUR M., Project Supported by Higher Education Institutions, Lignoselülozik Atıkların Ön İşlemi ve EnzimatikHidrolizi, 2019 - Continues

Eslek Koyuncu D. D., Okur M., Project Supported by Higher Education Institutions, Tarımsal Atıklardan Sentezlenen Silika

Aerocelllerin Boyar Madde Gideriminde Kullanılması, 2020 - 2021

Eslek Koyuncu D. D., Okur M., Project Supported by Higher Education Institutions, Çeltik Kavuzlarından Lignin Giderimi İçin Derin Ötektik Çözücülerin Kullanımı, 2020 - 2021

Saraçoğlu N., Okur M., Altunkaynak F., Project Supported by Higher Education Institutions, Kitosan ve montmorillonit kili kompoziti ile kontrollü ilaç salınımı, 2019 - 2021

Okur M., Dilsiz N., Bülbül Y. E., Demirtaş Korkmaz F., Project Supported by Higher Education Institutions, Elektrospinning yöntemi ile PLA, PLGA, PCL, PEO nanofiber ve nanofiber kompozitlerinin geliştirilmesi ve kontrollü ilaç salımında kullanımı, 2018 - 2020

Okur M., Saraçoğlu N., Project Supported by Higher Education Institutions, LAKKAZ ENZİMİNİN AZO BOYAR MADDELERİN GİDERİMİNDE KULLANILMASI, 2018 - 2020

ÖZKAN G., MURATHAN A. M., OKUR M., TAŞDEMİR H. M., Project Supported by Higher Education Institutions, Kimya Mühendisliği Laboratuvarlarının Deney Düzeneklerinin Yenilenmesi ve Geliştirilmesi, 2015 - 2016

OKUR M., Project Supported by Higher Education Institutions, Sulu ortamlardaki metal-kompleks boyarmaddelerin biyosorpsiyonla giderimi, 2014 - 2016

OKUR M., Project Supported by Higher Education Institutions, Sulu ortamlardaki metal kompleks boyarmaddelerin biyosorpsiyonla giderimi, 2014 - 2016

OKUR M., SARAÇOĞLU N., Project Supported by Higher Education Institutions, Tekstil endüstrisi atıksularındaki kromun *Candida tropicalis* mayasıyla gideriminin kesikli sistemde araştırılması, 2011 - 2016

OKUR M., Project Supported by Higher Education Institutions, Tekstil endüstrisi atıksularındaki boyarmaddelerin *Candida tropicalis* mayasıyla gideriminin kesikli sistemde araştırılması, 2009 - 2010

Scientific Refereeing

POLİTEKNİK DERGİSİ, National Scientific Refreed Journal, September 2021

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, SCI Journal, August 2021

INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, SCI Journal, February 2021

BIOMASS CONVERSION AND BIOREFINERY, SCI Journal, December 2020

BOR DERGİSİ, National Scientific Refreed Journal, November 2020

POLİTEKNİK DERGİSİ, National Scientific Refreed Journal, January 2019

DESALINATION AND WATER TREATMENT, SCI Journal, March 2018

GAZİ UNIVERSITY JOURNAL OF SCIENCE, National Scientific Refreed Journal, October 2017

Metrics

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H-Index (Scopus): 8