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Kişisel Bilgiler

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Yoksis Araştırmacı ID: 171361

Eğitim Bilgileri

Doktora, Eskişehir Osmangazi Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), Türkiye 2001 - 2006

Yüksek Lisans, Eskişehir Osmangazi Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Yl) (Tezli), Türkiye 1998 - 2001

Lisans, Eskişehir Osmangazi Üniversitesi, Mühendislik-Mimarlık Fakültesi, Kimya Mühendisliği Bölümü, Türkiye 1994 - 1998

Yabancı Diller

İngilizce, B2 Orta Üstü

Araştırma Alanları

Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Yrd.Doç.Dr., Eskişehir Osmangazi Üniversitesi, Mühendislik-Mimarlık Fakültesi, Kimya Mühendisliği Bölümü, 2008 - 2014
Araştırma Görevlisi, Eskişehir Osmangazi Üniversitesi, Mühendislik-Mimarlık Fakültesi, Kimya Mühendisliği Bölümü, 1998 - 2008

Akademik İdari Deneyim

Eskişehir Osmangazi Üniversitesi, Mühendislik-Mimarlık Fakültesi, Kimya Mühendisliği Bölümü, 2008 - 2013

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Color and chemical oxygen demand removal using homogeneous and heterogeneous Fenton oxidation of sugar industry wastewater**
Turk S., AŞÇI Y.
Desalination and Water Treatment, cilt.306, ss.112-121, 2023 (SCI-Expanded)
- Application of heterogeneous Fenton processes using Fe(III)/MnO₂ and Fe(III)/SnO₂ catalysts in**

the treatment of sunflower oil industrial wastewater

KAYA Ş., AŞÇI Y.

DESALINATION AND WATER TREATMENT, cilt.171, ss.302-313, 2019 (SCI-Expanded)

- III. **FULL FACTORIAL EXPERIMENTAL DESIGN ANALYSIS OF REACTIVE DYE REMOVAL BY HETEROGENEOUS FENTON'S PROCESS**
Asci Y., Cam M.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.27, sa.7, ss.5001-5007, 2018 (SCI-Expanded)
- IV. **Treatment of synthetic dye wastewater by using Fe/CuO particles prepared by co-precipitation: parametric and kinetic studies**
Asci Y., Cam M.
DESALINATION AND WATER TREATMENT, cilt.73, ss.281-288, 2017 (SCI-Expanded)
- V. **The use of full factorial design for modeling the effects of process parameters on decolorization of Reactive Yellow 15 by using Fe/ZrO₂ catalyst**
AŞÇI Y., AYAS N., AKTAR DEMİRTAŞ E.
DESALINATION AND WATER TREATMENT, cilt.69, ss.328-334, 2017 (SCI-Expanded)
- VI. **Sorption of cobalt(II) from an aqueous medium using Amberlite 200C and Dowex 88 resins: Equilibrium and kinetic studies**
Asci Y., Kaya Ş.
DESALINATION AND WATER TREATMENT, cilt.57, sa.28, ss.13091-13105, 2016 (SCI-Expanded)
- VII. **USING OF Fe/ZrO₂ CATALYST TO REMOVE DIRECT ORANGE 26 FROM WATER BY FENTON OXIDATION AT WIDE pH VALUES**
AYAS N., Asci Y., Yurdakul M.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.25, sa.8, ss.3272-3279, 2016 (SCI-Expanded)
- VIII. **Comparative study of the removal of nickel(II) and chromium(VI) heavy metals from metal plating wastewater by two nanofiltration membranes**
Basaran G., KAVAK D., DİZGE N., AŞÇI Y., ŞÖLENER M., ÖZBEY B.
DESALINATION AND WATER TREATMENT, cilt.57, sa.46, ss.21870-21880, 2016 (SCI-Expanded)
- IX. **A STATISTICAL EXPERIMENTAL DESIGN TO DETERMINE THE AZO DYE DECOLORIZATION AND DEGRADATION BY THE HETEROGENEOUS FENTON PROCESS**
AŞÇI Y., AKTAR DEMİRTAŞ E., FİLİK İŞÇEN C., Anagun A. S.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.24, ss.3717-3726, 2015 (SCI-Expanded)
- X. **Removal of cobalt ions from water by ion-exchange method**
AŞÇI Y., KAYA Ş.
DESALINATION AND WATER TREATMENT, cilt.52, ss.267-273, 2014 (SCI-Expanded)
- XI. **Decolorization of Direct Orange 26 by heterogeneous Fenton oxidation**
Asci Y.
DESALINATION AND WATER TREATMENT, cilt.51, ss.7612-7620, 2013 (SCI-Expanded)
- XII. **Adsorption of Zn(II) onto Turkish soil: equilibrium, kinetic and thermodynamic studies**
Asci Y.
DESALINATION AND WATER TREATMENT, cilt.45, ss.61-69, 2012 (SCI-Expanded)
- XIII. **Equilibrium, hysteresis and kinetics of cadmium desorption from sodium-feldspar using rhamnolipid biosurfactant**
AŞÇI Y., AÇIKEL Ü., SAĞ AÇIKEL Y.
ENVIRONMENTAL TECHNOLOGY, cilt.33, sa.16, ss.1857-1868, 2012 (SCI-Expanded)
- XIV. **Investigation of sorption/desorption equilibria of heavy metal ions on/from quartz using rhamnolipid biosurfactant**
AŞÇI Y., NURBAŞ M., SAĞ AÇIKEL Y.
JOURNAL OF ENVIRONMENTAL MANAGEMENT, cilt.91, sa.3, ss.724-731, 2010 (SCI-Expanded)
- XV. **Adsorption Behaviour of Cr III Ions on Sepiolite**
AŞÇI Y., PINAR B.
Asian Journal of Chemistry, cilt.22, sa.3, ss.2319-2330, 2010 (SCI-Expanded)

- XVI. **ADSORPTION AND PERMEABILITY OF CLAYS PERMEATED WITH FERROUS IRON AND MANGANESE**
TÜFEKÇİ N., ÖZÇOBAN M. Ş., Yalçın S., Asci Y., Akgüner C.
FRESNIUS ENVIRONMENTAL BULLETIN, cilt.19, ss.1703-1714, 2010 (SCI-Expanded)
- XVII. **A comparative study for the sorption of Cd(II) by K-feldspar and sepiolite as soil components, and the recovery of Cd(II) using rhamnolipid biosurfactant**
Asci Y., Nurbas M., Acikel Y. S.
JOURNAL OF ENVIRONMENTAL MANAGEMENT, cilt.88, sa.3, ss.383-392, 2008 (SCI-Expanded)
- XVIII. **A comparative study for the sorption of Cd(II) by soils with different clay contents and mineralogy and the recovery of Cd(II) using rhamnolipid biosurfactant**
Asci Y., Nurbas M., Acikel Y. S.
JOURNAL OF HAZARDOUS MATERIALS, cilt.154, ss.663-673, 2008 (SCI-Expanded)
- XIX. **Removal of zinc ions from a soil component Na-feldspar by a rhamnolipid biosurfactant**
AŞÇI Y., NURBAŞ M., Acikel Y. S.
DESALINATION, cilt.223, ss.361-365, 2008 (SCI-Expanded)
- XX. **Sorption of Cd(II) onto kaolin as a soil component and desorption of Cd(II) from kaolin using rhamnolipid biosurfactant**
Asci Y., Nurbas M., Acikel Y. S.
JOURNAL OF HAZARDOUS MATERIALS, cilt.139, sa.1, ss.50-56, 2007 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Evaluation of Color and COD Removal by Fenton and Photo-Fenton Processes from Industrial Paper Wastewater**
KAYA Ş., AŞÇI Y.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.9, sa.3, ss.1539-1550, 2019 (Hakemli Dergi)
- II. **Investigation of Color Removal of Sunflower Oil Industrial Wastewater with Fenton Process**
KAYA Ş., AŞÇI Y.
International Journal of Engineering Inventions, cilt.7, sa.5, ss.61-65, 2018 (Hakemli Dergi)
- III. **Removal of Cr(III) from Synthetic Wastewater by using a Strong Cation Exchange Resin**
AŞÇI Y.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.7, sa.1, ss.225-236, 2017 (Hakemli Dergi)
- IV. **Recovery Of Fixed And Volatile Oils From Laurus Nobilis L.Fruit And Leaves By Solvent Extraction Method**
Nurbas M., Aşçı Y.
Eskişehir Osmangazi Üniversitesi Mühendislik ve Mimarlık Fakültesi Dergisi, cilt.18, sa.2, ss.2630-5712, 2005 (Hakemli Dergi)

Kitap & Kitap Bölümleri

- I. **Decolorization of Leather Industry Wastewater by Sonocatalytic Fenton**
KAYA Ş., Balcı C. S., AŞÇI Y.
Architectural and Engineering Research and Practice, , Editör, Livre de Lyon, ss.203-211, 2022
- II. **Engineering Sciences Innovative Approaches**
Aşçı Y. (Editör)
Livre de Lyon, Lyon, 2021
- III. **The Effect of pH on the Removal of Tetracycline Antibiotic From Aqueous Solutions by Ultrasound/H₂O₂ and Sono-Fenton Methods**
Aşçı Y.
Engineering Sciences Innovative Approaches, Yeliz Aşçı, Editör, Livre de Lyon, Lyon, ss.136-146, 2021

- IV. **MÜHENDİSLİK BİLİMLERİNDE Akademik Çalışmalar**
Aşçı Y. (Editör)
Livre De Lyon, Lyon, 2020
- V. **Finding Optimum Points in the Treatment of Leather Industry Wastewater with Chemical Treatment Process**
Balcı C. S., Kaya Ş., Aşçı Y.
Academic Studies in Engineering, Adnan Hayaloğlu, Abdulrahman Günday, Editör, Gece Publishing, İstanbul, ss.1-13, 2020
- VI. **Advanced Oxidation Process to Different Industrial Wastewaters: SonoFenton**
KAYA Ş., AŞÇI Y.
Academic Studies in Engineering Sciences, , Editör, Livre de Lyon, ss.57-66, 2020
- VII. **Advance Oxidation Process Study of Sugar Industry Wastewater with Clay as a Catalyst**
KAYA Ş., AŞÇI Y.
Theory and Research in Engineering, , Editör, Gece Publishing, ss.107-118, 2020
- VIII. **Using of Photo-Fenton Process for the Removal of COD Real Wastewater**
KAYA Ş., AŞÇI Y.
Research Reviews in Engineering, , Editör, Gece Kitaplığı, ss.251-258, 2019
- IX. **Using of Photo-Fenton Process for the Removal of COD from Real Wastewater**
KAYA Ş., AŞÇI Y.
Research Reviews in Engineering, , Editör, Gece Publishing, ss.251-258, 2019
- X. **Application of Combined Ultrasound and Fenton Reagent in Sugar Industry Wastewater Treatment**
KAYA Ş., AŞÇI Y.
Research Reviews in Engineering-Summer, , Editör, Gece Publishing, ss.273-281, 2019
- XI. **Investigation of Sunflower Oil Industrial Wastewater Treatment by Photo-Fenton Process**
KAYA Ş., AŞÇI Y.
Current Academic Studies in Engineering Sciences, , Editör, Ivpe, ss.869-877, 2018
- XII. **Heterogeneous Fenton Process with Fe/SnO₂ Catalyst to Removal Color From Pulp and Paper Industrial Wastewater**
KAYA Ş., AŞÇI Y.
Current Academic Studies in Engineering Sciences, , Editör, Ivpe, ss.859-868, 2018
- XIII. **Kimya Mühendisliği Laboratuvarı III 3. Akışkan Karıştırma Aygıtı**
YILDIRIM M. E., ERŞAHAN H., KABASAKAL O. S., ŞENSÖZ S., GÜVENÇ A., ÖZDEMİR M., ÖZTÜRK N., AŞKIN A., ÖZDEMİR Y., YORGUN S., et al.
Kimya Mühendisliği Laboratuvarı I II III, M. Ercengiz Yıldırım, Editör, Eskişehir Osmangazi Üniversitesi Basımevi, Eskişehir, ss.197-203, 2014

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **İleri Oksidasyon Yöntemlerinin Endüstride Kullanımı” 2nd International Eurasian Conference on Biological and Chemical Sciences**
Akyüz A., AŞÇI Y.
2nd International Eurasian Conference on Biological and Chemical Sciences, 28 - 29 Haziran 2019
- II. **Fermentasyon Endüstrisi ve Biyodizel Üretimi**
BALCI C. S., AŞÇI Y.
2nd International Eurasian Conference on Biological and Chemical Sciences, 28 - 29 Haziran 2019
- III. **Investigation of Oil Wastewater Treatment Using Fe₂ as a Catalyst in Photo-Fenton-Like Systems**
KAYA Ş., AŞÇI Y.
The International Conference on Materials Science, Mechanical and Automotive Engineerings and Technology in Cappadocia, 21 - 23 Haziran 2019, ss.218-220
- IV. **Fe(III)/MnO₂ and Fe(III)/SnO₂ Composites as Catalysts for Paper Industry Wastewater Treatment**

by Heterogeneous Fenton

KAYA Ş., AŞÇI Y.

The International Conference on Materials Science, Mechanical and Automotive Engineerings and Technology in Cappadocia, 21 - 23 Haziran 2019, ss.215-217

- V. **Foto-Fenton Prosesi İle Ayçiçeği Yağı Endüstrisi Atıksuyunun Arıtımının İncelenmesi**
KAYA Ş., AŞÇI Y.
5th INTERNATIONAL SYMPOSIUM ON MULTIDISCIPLINARY STUDIES (ISMS), Ankara, Türkiye, 16 - 17 Kasım 2018, ss.345
- VI. **Fe/SnO₂ Katalizörü İle Heterojen Fenton Prosesi Uygulanarak Kağıt Endüstrisi Atıksuyundan Renk Giderimi**
KAYA Ş., AŞÇI Y.
5th INTERNATIONAL SYMPOSIUM ON MULTIDISCIPLINARY STUDIES (ISMS), Ankara, Türkiye, 16 - 17 Kasım 2018, ss.335
- VII. **Şeker Fabrikası Atıksuyunun Fe(III)/MnO₂ Katalizörü Kullanarak Heterojen Fenton Prosesi İle Arıtımı**
KAYA Ş., AŞÇI Y.
1.Çevre Mühendisliği Kaynak Geri Kazanımı Uluslararası Kongresi, 15 - 16 Kasım 2018, ss.64-68
- VIII. **Foto-Fenton Prosesi İle Tekstil Endüstrisi Atıksuyundan Renk Giderimi**
KAYA Ş., AŞÇI Y.
1.Çevre Mühendisliği Kaynak Geri Kazanımı Uluslararası Kongresi, 15 - 16 Kasım 2018, ss.69-74
- IX. **Heterojen Fenton Prosesi ile ReactiveYellow 15 Azo boyasının Giderimi ve İstatistiksel Tasarımı**
AŞÇI Y.
International Eurasian Conference on Biological and Chemical Sciences, 26 - 27 Nisan 2018
- X. **Investigation of Color Removal of Sunflower Oil Industrial Wastewater with Fenton Process**
KAYA Ş., AŞÇI Y.
International Eurasian Conference on Biological and Chemical Sciences, 26 - 27 Nisan 2018
- XI. **BATCH STUDIES FOR THE REMOVAL OF CU(II) FROM AQUEOUS SOLUTIONS BY ION EXCHANGE RESIN**
AŞÇI Y.
Uluslararası su ve çevre kongresi, 22 - 24 Mart 2018
- XII. **Treatment of Paper and Pulp Industrial Wastewater by Fenton Processes**
AŞÇI Y., KAYA Ş.
3rd International Conference on Engineering and Natural Sciences, 3 - 07 Mayıs 2017, ss.707
- XIII. **Removal of COD and Color Parameters from Industrial Textile Wastewater by Fenton Process**
AŞÇI Y., KAYA Ş.
3rd International Conference on Engineering and Natural Sciences, 3 - 07 Mayıs 2017, ss.398
- XIV. **Treatment of Synthetic Textile Wastewater by Homogeneous and Heterogeneous Fenton Oxidation Processes**
AŞÇI Y.
1st International Black Sea Congress on Environmental Sciences (1st IBCCESS), 31 Ağustos - 03 Eylül 2016
- XV. **Investigation of the sorption characteristics of chromium III ions onto ion exchange resin Dowex 88 Batch and continuous studies**
AŞÇI Y., KAYA Ş.
Desalination for the Environment: Clean Water and Energy, 22 - 26 Mayıs 2016
- XVI. **Treatment of synthetic dye wastewater by using Fe CuO catalyst Parametric and kinetic studies**
AŞÇI Y., ÇAM M.
Desalination for the Environment: Clean Water and Energy, 22 - 26 Mayıs 2016
- XVII. **Investigation of the sorption characteristics of chromium III ions onto ion exchange resin Dowex 88 Batch and continuous studies**
Aşçı Y., Kaya Ş.
Desalination for the Environment: Clean Water and Energy, Rome, İtalya, 22 - 26 Mayıs 2016
- XVIII. **The use of full factorial design for modeling the effects of process parameters on decolorization of**

Reactive Yellow by using Fe ZrO₂ catalyst

AŞCI Y., AKTAR DEMİRTAŞ E., AYAS N.

Desalination for the Environment: Clean Water and Energy, 22 - 26 Mayıs 2016

- XIX. **A Statistical Experimental Design to Determine the Azo Dye Decolorization by the Heterogeneous Fenton Process**
Aşçı Y., Aktar Demirtaş E., Anagün S.
2nd International Conference on Recycling and Reuse, İstanbul, Türkiye, 4 - 06 Haziran 2014
- XX. **Havacılık Sanayisine Ait Yıkama Banyolarından Kaynaklanan Atıksuların Çapraz Akış Membran Filtrasyon Sistemi İle Arıtılması**
BAŞARAN G., KAVAK D., AŞCI Y., DİZGE N., ŞÖLENER M., ÖZBEY B.
10. Ulusal Çevre Mühendisliği Kongresi, Ankara, Türkiye, 12 - 14 Eylül 2013
- XXI. **Amberlite 200 C iyon değiştirici reçineye Co II iyonlarının iyon değişimi kinetiği**
AŞCI Y., KAYA Ş.
10. Ulusal Kimya Mühendisliği Kongresi, İstanbul, Türkiye, 3 - 06 Eylül 2012
- XXII. **Removal of Cr III from water using a strong acid resin on fixed bed column**
AŞCI Y., KAYA Ş.
International Conference on Recycling and Reuse 2012, İstanbul, Türkiye, 4 - 06 Haziran 2012, ss.310
- XXIII. **Use of Lewatit MonoPlus SP 112 for the removal of cobalt ions from water**
AŞCI Y., KAYA Ş.
International Conference on Recycling and Reuse 2012, İstanbul, Türkiye, 4 - 06 Haziran 2012, ss.309
- XXIV. **REMOVAL OF ZN(II) FROM AQUEOUS SOLUTION BY USING SMECTITE-BEARING SOIL**
Asci Y.
8th International Scientific Conference on Modern Management of Mine Producing, Geology and Environmental Protection, Sofija, Bulgaristan, 16 - 20 Haziran 2008, ss.407-411
- XXV. **RECOVERY OF ZINC FROM K-FELDSPAR BY SAPONIN BIOSURFACTANT**
Asci Y.
8th International Scientific Conference on Modern Management of Mine Producing, Geology and Environmental Protection, Sofija, Bulgaristan, 16 - 20 Haziran 2008, ss.645-650
- XXVI. **Removal of cadmium ions from Na-Feldspar, a soil component, by rhamnolipid biosurfactant**
Aşçı Y., Nurbaş M., Sağ Açık Y.
23rd International Mineral Processing Congress, IMPC 2006, İstanbul, Türkiye, 3 - 08 Eylül 2006, ss.2341-2344
- XXVII. **Removal of cadmium ions from a soil component quartz by a rhamnolipid biosurfactant**
Aşçı Y., Nurbaş M., Sağ Açık Y.
23rd International Mineral Processing Congress, IMPC 2006, İstanbul, Türkiye, 3 - 08 Eylül 2006, ss.2356-2362
- XXVIII. **Isolation and Identification of the Oils From Laurus Nobilis l Thymus L By Ettraction and Distilation Methods**
AŞCI Y., ŞÖLENER M., ÖZDEMİR Y., KABASAKAL O. S., NURBAŞ M.
ICPN 2002, Trabzon, Türkiye, 16 - 19 Ekim 2002

Metrikler

Yayın: 73

Atıf (WoS): 353

Atıf (Scopus): 381

H-İndeks (WoS): 11

H-İndeks (Scopus): 10