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Publons / Web Of Science ResearcherID: AAH-7382-2020

ScopusID: 6507227941

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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Çevre Mühendisliği, Turkey
1995 - 1999

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Çevre Mühendisliği, Turkey
1993 - 1995

Undergraduate, Istanbul Technical University, İnşaat Fakültesi, Çevre Mühendisliği, Turkey 1987 - 1992

Dissertations

Doctorate, Eysel Atıksuların Fiziko-Kimyasal Arıtılabilirliğinin Tam Ölçekli Bir Tesiste Araştırılması, Yildiz Technical University, Faculty of Civil Engineering, Department of Environmental Engineering, 1999

Postgraduate, Elmalı Rezervuar Suyunda Sıcaklık Modellemesi, Su Kalitesi ve Amonyak Formunun Belirlenmesi, Yildiz Technical University, Faculty of Civil Engineering, Department of Environmental Engineering, 1995

Research Areas

Environmental Engineering, Environmental Technology, Waste Water Collection and Treatment, Water Pollution and Control, Water Supply and Treatment, Nanomaterials, Engineering and Technology

Academic Titles / Tasks

Professor, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2015 - Continues

Associate Professor, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2010 - 2015

Assistant Professor, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2000 - 2010

Research Assistant, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 1993 - 2000

Academic and Administrative Experience

Director Of Junior College, Yildiz Technical University, Technical Vocational School Of Higher Education, 2014 - 2020

Director of the Center, Yildiz Technical University, Faculty Of Education, 2014 - 2020

Yıldız Teknik Üniversitesi, 2008 - 2016

Yıldız Teknik Üniversitesi, Çevre Mühendisliği Bölümü, 2011 - 2014

Yıldız Teknik Üniversitesi, Çevre Mühendisliği Bölümü, 2006 - 2008

Courses

Anaerobik Arıtma Prosesleri , Postgraduate, 2018 - 2019

İnşaat Projeleri Çevresel Etki Değerlendirmesi, Postgraduate, 2017 - 2018

Atıksu Arıtımında Tesis Tasarımı, Undergraduate, 2018 - 2019

Biyolojik Temel İşlemler, Undergraduate, 2017 - 2018

Advising Theses

Debik E., Endüstriyel Atıksuların Geri Kazanımı: Muratlı Organize Sanayi Bölgesi Örneği, Postgraduate, S.YAKA(Student), 2024

Debik E., Nutrient giderim tesislerinde makine öğrenimi yöntemlerinin kullanımı, Postgraduate, H.BARAN(Student), 2023

Debik E., Kayseri ili evsel atıksularının geri kazanım alternatiflerinin değerlendirilmesi, Postgraduate, F.ENÇ(Student), 2023

Debik E., The effect of mixer design on the improvement of the adsorption performance for the organic matter removal with computational fluid dynamics method, Postgraduate, G.Deveci(Student), 2019

DEBİK E., Membran kapasiteli deiyonizasyon yöntemi ile yeraltı sularından arsenik ve bor giderimi, Doctorate, H.İbrahim(Student), 2018

DEBİK E., Kalıcı organik kirleticilerin su ortamından nanopartiküllerle arıtılabilirliği, Doctorate, K.Altuntaş(Student), 2017

DEBİK E., Nanomateryalle Zenginleştirilmiş Membran Filtrasyonu ile İçme Suyu Arıtımı, Doctorate, A.Çoban(Student), 2016

DEBİK E., Evsel Atıksulardan Nutrient Gideriminde Pilot Ölçekli Bardenpho ile Kaskat Proseslerinin Karşılaştırılması, Postgraduate, Ç.Balçık(Student), 2013

DEBİK E., İleri Biyolojik Arıtma Proseslerinde Nutrient Giderimi ve Mikroorganizma Türlerinin İncelenmesi, Doctorate, N.Manav(Student), 2012

DEBİK E., Evsel Atıksulardan Modifiye Beş Kademeli Bardenpho Prosesiyle Nutrient Giderimi ve Bulanık Mantık Yönetiminin Uygulanması, Postgraduate, A.Yıldırım(Student), 2012

DEBİK E., Zeytin Karasularının Membran Proseslerle Nihai Arıtımının İncelenmesi, Postgraduate, F.Erol(Student), 2011

DEBİK E., Zeytin Karasularının Fiziko-Kimyasal ve Membran Filtrasyon Yöntemiyle Geri Kazanımı, Doctorate, T.Coşkun(Student), 2010

DEBİK E., Pamuklu Tekstil Endüstrisi Atıksularının Membran Proseslerle Geri Kazanımının Araştırılması, Postgraduate, B.Beril(Student), 2010

DEBİK E., Anaerobik ön arıtma sonrası membran teknolojisi ile tekstil atıksularının geri kazanımının araştırılması, Doctorate, G.Kaykioğlu(Student), 2010

DEBİK E., Tekstil Atıksularının Anaerobik Arıtımı (Renk ve KOİ Giderimi), Postgraduate, A.Çoban(Student), 2009

DEBİK E., Atık Su ve İçme Suyu Şebeke Hizmetlerinde Özelleştirme, Postgraduate, M.Koral(Student), 2007

DEBİK E., Ardışık Kesikli Reaktör ile Evsel Atıksulardan Azot ve Fosfor Giderimi, Postgraduate, N.Manav(Student), 2006

DEBİK E., Tavuk Kesimhanesi Atıksularının Yeni Geliştirilen Bir Anaerobik Reaktörle Arıtımı, Postgraduate, T.Coşkun(Student), 2006

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effluent parameters prediction of a biological nutrient removal (BNR) process using different machine learning methods: A case study**
MANAV DEMİR N., Gelgor H. B., ÖZ E., İLHAN F., Altuntaş K., Tiwary A., DEBİK E.
Journal of Environmental Management, vol.351, 2024 (SCI-Expanded)
- II. **Emerging pollutants removal in full-scale biological treatment plants: A case study**
Altuntaş K., Manav Demir N., İlhan F., Gelgor H. B., Huddersman K., Tiwary A., Debik E.
Journal of Water Process Engineering, vol.51, 2023 (SCI-Expanded)
- III. **Iron-Copper Bimetallic Nanoparticle for the Removal of Disinfection By-products: Optimization, Kinetic Study, and Life Cycle Assessment**
Altuntaş K., El Hadki A., BİLGİLİ L., KUZU S. L., ÇETİNKAYA A. Y., DEBİK E.
WATER AIR AND SOIL POLLUTION, vol.233, no.7, 2022 (SCI-Expanded)
- IV. **Electrocatalytic degradation of oxytetracycline using three-dimensional electrode and optimization via fuzzy logic modeling**
Altuntaş K., El Hadki A., İlhan F., Zrineh A., El Hadki H., Kabbaj O. K., Dahchour A., Debik E.
SEPARATION SCIENCE AND TECHNOLOGY, vol.57, no.3, pp.454-464, 2022 (SCI-Expanded)
- V. **Removal of oxytetracycline by graphene oxide and Boron-doped reduced graphene oxide: A combined density function Theory, molecular dynamics simulation and experimental study**
El Hadki A., ALTUNTAŞ K., El Hadki H., ÜSTÜNDAĞ C. B., Kabbaj O. K., Dahchour A., Komaha N., Zrineh A., DEBİK E.
FLATCHEM, vol.27, 2021 (SCI-Expanded)
- VI. **Effect of visible light on the removal of trichloromethane by graphene oxide**
Ulucan-Altuntas K., DEBİK E., ÜSTÜNDAĞ C. B., Guven M. D., Gocen K. A.
Diamond and Related Materials, vol.106, 2020 (SCI-Expanded)
- VII. **Dechlorination of dichlorodiphenyltrichloroethane (DDT) by Fe/Pd bimetallic nanoparticles: Comparison with nZVI, degradation mechanism, and pathways**
Ulucan-Altuntas K., DEBİK E.
FRONTIERS OF ENVIRONMENTAL SCIENCE & ENGINEERING, vol.14, no.1, 2020 (SCI-Expanded)
- VIII. **Adsorption of copper ion from aqueous solutions by well-crystalized nanosized hydroxyapatite**
Ulucan-Altuntas K., Uzun H. I., ÜSTÜNDAĞ C. B., DEBİK E.
MATERIALS RESEARCH EXPRESS, vol.6, no.12, 2019 (SCI-Expanded)
- IX. **Dichloro-diphenyl-trichloroethane removal via nano zero-valent iron: determination of degradation mechanism using response surface methodology**
Ulucan-Altuntaş K., Debik E., Arslan Z. B.
DESALINATION AND WATER TREATMENT, vol.143, pp.197-207, 2019 (SCI-Expanded)
- X. **Economical approach to nitrate removal via membrane capacitive deionization**
Uzun H. I., Debik E.
SEPARATION AND PURIFICATION TECHNOLOGY, vol.209, pp.776-781, 2019 (SCI-Expanded)
- XI. **CARBON AND NUTRIENT REMOVAL FROM DOMESTIC WASTEWATERS IN A MODIFIED 5-STAGE BARDENPHO PROCESS VIA FUZZY MODELING APPROACH**
Manav Demir N., Yıldırım A., Coskun T., Canbolat C. B., Debik E.
ENVIRONMENT PROTECTION ENGINEERING, vol.45, 2019 (SCI-Expanded)
- XII. **Determination of Microbial Community in a Pilot Scale Two-Stage Step-Feed Biological Nutrient Removal Process**
MANAV DEMİR N., DEBİK E., ÖZKAYA B., COŞKUN T.
Global Nest Journal, vol.21, pp.211-221, 2019 (SCI-Expanded)
- XIII. **Borohydride method modification in synthesizing nano zero valent iron and its application in DDT removal**
Ulucan-Altuntas K., Debik E.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.25, pp.30110-30121, 2018 (SCI-Expanded)
- XIV. **Nano zero-valent iron supported on activated carbon: Effect of AC/nZVI ratio on removal of nickel ion from water**
ULUCAN-ALTUNTAS K., DEBİK E., GUNGOR S.

GLOBAL NEST JOURNAL, vol.20, no.2, pp.424-431, 2018 (SCI-Expanded)

- XV. **Single and binary adsorption of copper and nickel metal ions on nano zero valent iron (nZVI): a kinetic approach**
Ulucan-Altuntas K., DEBİK E., Yoruk I. I., KOZAL D.
DESALINATION AND WATER TREATMENT, vol.93, pp.274-279, 2017 (SCI-Expanded)
- XVI. **Comparison of microbial community structure in a biological nutrient removal process at various stages of operation**
Manav Demir N., Debik E., Özkaya B., Coskun T.
DESALINATION AND WATER TREATMENT, vol.57, pp.23675-23685, 2016 (SCI-Expanded)
- XVII. **Treatment of poultry slaughterhouse wastewater using a membrane process, water reuse, and economic analysis**
Coskun T., Debik E., Kabuk H. A., Manav Demir N., Basturk I., Yıldırım B., Temizel D., Kucuk S.
DESALINATION AND WATER TREATMENT, vol.57, pp.4944-4951, 2016 (SCI-Expanded)
- XVIII. **Performances of Reverse Osmosis Membranes for Treatment of Olive Mill Wastewater**
Coskun T., Yildirim A., Balcik C., Manav Demir N., Debik E.
CLEAN-SOIL AIR WATER, vol.41, pp.463-468, 2013 (SCI-Expanded)
- XIX. **Antibiotic Fermentation Broth Treatment by a pilot upflow anaerobic sludge bed reactor and kinetic modeling**
Coskun T., Kabuk H., Varınca K. B., DEBİK E., Durak I., Kavurt C.
BIORESOURCETECHNOLOGY, vol.121, pp.31-35, 2012 (SCI-Expanded)
- XX. **SGBR Performance on the Basis of Color and COD Removal from Textile Wastewater**
Debik E., Coban A., Kaykioglu G., Kayacan B. B.
CLEAN-SOIL AIR WATER, vol.40, pp.648-651, 2012 (SCI-Expanded)
- XXI. **The evaluation of fouling effects in membrane process dealing with the biologically pre-treated textile effluents**
Kaykioglu G., Coban A., DEBİK E., Kayacan B. B., Koyuncu I.
DESALINATION AND WATER TREATMENT, vol.40, pp.254-259, 2012 (SCI-Expanded)
- XXII. **Optimization of energy costs in the pretreatment of olive mill wastewaters by electrocoagulation**
Coskun T., İlhan F., Manav Demir N., Debik E., Kurt U.
ENVIRONMENTAL TECHNOLOGY, vol.33, pp.801-807, 2012 (SCI-Expanded)
- XXIII. **Operational Cost Comparison of Several Pre-Treatment Techniques for OMW Treatment**
Coskun T., Debik E., Manav Demir N.
CLEAN-SOIL AIR WATER, vol.40, pp.95-99, 2012 (SCI-Expanded)
- XXIV. **THE EFFECT OF CENTRIFUGATION AND ULTRAFILTRATION AS A PRELIMINARY TREATMENT AND PERFORMANCE OF REVERSE OSMOSIS MEMBRANES IN OLIVE OIL MILL WASTEWATER (OMW)**
Coskun T., Demir N., DEBİK E.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, no.5, pp.1158-1164, 2012 (SCI-Expanded)
- XXV. **Mass transport coefficients of different nanofiltration membranes for biologically pre-treated textile wastewaters**
Kaykioglu G., Coban A., DEBİK E., Kayacan B. B., Koyuncu I.
DESALINATION, vol.269, pp.254-259, 2011 (SCI-Expanded)
- XXVI. **Activated Sludge and Other Aerobic Suspended Culture Processes**
Schmit C. G., Jahan K., Schmit K. H., Debik E., Pattarkine V.
WATER ENVIRONMENT RESEARCH, vol.82, no.10, pp.1073-1123, 2010 (SCI-Expanded)
- XXVII. **Treatment of olive mill wastewaters by nanofiltration and reverse osmosis membranes**
Coskun T., Debik E., Manav Demir N.
DESALINATION, vol.259, pp.65-70, 2010 (SCI-Expanded)
- XXVIII. **Reuse of anaerobically and aerobically pre-treated textile wastewater by UF and NF membranes**
Debik E., Kaykioglu G., Coban A., Koyuncu I.
DESALINATION, vol.256, pp.174-180, 2010 (SCI-Expanded)
- XXIX. **Sequence optimization in a sequencing batch reactor for biological nutrient removal from domestic**

wastewater

Debik E., Manav N.

BIOPROCESS AND BIOSYSTEMS ENGINEERING, vol.33, pp.533-540, 2010 (SCI-Expanded)

- XXX. **Activated Sludge and Other Aerobic Suspended Culture Processes**
Christopher S., Kauser J., Kathryn S., TÜRKDOĞAN F. İ., DEBİK E., Pattarkine V.
Water Environment Research, 2010 (SCI-Expanded)
- XXXI. **Activated Sludge and Other Aerobic Suspended Culture Processes**
Schmit C. G., Jahan K., Schmit K. H., Debik E., Mahendraker V.
WATER ENVIRONMENT RESEARCH, vol.81, no.10, pp.1127-1193, 2009 (SCI-Expanded)
- XXXII. **Use of the Static Granular Bed Reactor (SGBR) with anaerobic sludge to treat poultry slaughterhouse wastewater and kinetic modeling**
Debik E., Coskun T.
BIORESOURCETECHNOLOGY, vol.100, pp.2777-2782, 2009 (SCI-Expanded)
- XXXIII. **Activated Sludge and Other Aerobic Suspended Culture Processes**
Schmit C. G., Jahan K., Debik E., Pattarkine V.
WATER ENVIRONMENT RESEARCH, vol.80, no.10, pp.1036-1077, 2008 (SCI-Expanded)
- XXXIV. **Activated sludge and other aerobic suspended culture processes**
Schmit C. G., Jahan K., Mahendraker V., Pattarkine V., Debik E., Ferguson J.
WATER ENVIRONMENT RESEARCH, vol.79, no.10, pp.1297-1362, 2007 (SCI-Expanded)
- XXXV. **Activated sludge and other aerobic and suspended culture processes**
Schmit C. G., Debik E., Jahan K., Mahendraker V. M., Pattarkine V.
WATER ENVIRONMENT RESEARCH, vol.78, no.10, pp.1261-1323, 2006 (SCI-Expanded)
- XXXVI. **Activated sludge and other aerobic suspended culture processes**
Ellis T. G., Schmit C. G., Jahan K., Debik E., Elisosov B.
WATER ENVIRONMENT RESEARCH, vol.77, no.6, pp.1157-1262, 2005 (SCI-Expanded)
- XXXVII. **Activated sludge and other aerobic suspended culture processes**
Ellis T., Schmit C., Jahan K., Debik E., Elisosov B.
WATER ENVIRONMENT RESEARCH, vol.76, no.6, pp.1003-1098, 2004 (SCI-Expanded)
- XXXVIII. **Ammonium removal from aqueous solution by ion-exchange using packed bed natural zeolite**
Demir A., Günay A., Debik E.
WATER SA, vol.28, no.3, pp.329-335, 2002 (SCI-Expanded)
- XXXIX. **The chemical treatability of municipal wastewater**
Debik E., Demir A., GUNAY A.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.9, pp.451-460, 2000 (SCI-Expanded)
- XL. **Investigation of chemical treatability of effluent water in Istanbul-Baltalimani Preliminary Mechanical Treatment Plant**
Debik E., Demir A., TOROZ İ., GUNAY A.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.8, pp.337-343, 1999 (SCI-Expanded)
- XLI. **Ammonia removal from aqueous solution by ion exchange using natural zeolite**
Aral N., Gunay A., Sevimglu O., Cali M., Debik E.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.8, pp.344-349, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. **Bisphenol-A Removal by Graphene Oxide Applied in Different Processes**
Debik E., Altuntaş K., El Hadki A.
Journal of Engineering and Technological Sciences, vol.52, no.1, pp.1-13, 2020 (ESCI)
- II. **Adsorption of copper metal ion from aqueous solution by Nanoscale Zero Valent Iron (nZVI) supported on activated carbon**
Altuntaş K., Debik E., Kozal D., Yoruk I. I.

Periodicals of Engineering and Natural Sciences, vol.5, pp.61-64, 2017 (Scopus)

- III. **ANTIBACTERIAL ACTIVITY OF A NANOFILTRATION MEMBRANE FUNCTIONALIZED WITH STABLE TiO₂ NANOPARTICLE SOLUTION PREPARED BY USING NEWLY MODIFIED HYDROTHERMAL METHOD**
Çoban A., Debik E., Kaya C., Kaykioğlu G.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERİ DERGİSİ, vol.35, no.1, pp.61-68, 2017 (ESCI)
- IV. **MUNICIPAL WASTEWATER TREATMENT WITH A PILOT SCALE TWO-STAGE CASCADE BIOLOGICAL NUTRIENT REMOVAL PROCESS**
Manav Demir N., Debik E., Coşkun T.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERİ DERGİSİ, vol.34, no.1, pp.71-79, 2016 (ESCI)
- V. **İki Farklı Pilot Ölçekli Atıksu Arıtma Prosesinde Evsel Atıksuların Arıtılması**
Demir N. M., Yıldırım A., Balcık C., Coşkun T., Debik E.
Sigma Mühendislik ve Fen Bilimleri Dergisi, no.3, pp.420-428, 2013 (Peer-Reviewed Journal)
- VI. **Disinfection By Products Removal by Nanoparticles Sintered in Zeolite**
Kübra U., Noberi C., Coşkun T., Üstündağ C. B., Debik E., Kaya C.
Journal of Clean Energy Technologies, vol.1, no.2, pp.120-123, 2013 (Peer-Reviewed Journal)
- VII. **Büyükbaş Hayvan Atıkları için Kurulacak Havasız Çürütme Tesisinin Ekonomik Analizi**
COŞKUN T., DEMİR N. M., DEBİK E., Kardağ Y., Koçyiğit R., Özkurt M., Akbay S.
Tarih Kültür ve Sanat Araştırmaları Dergisi, vol.1, no.4, pp.360-372, 2012 (Peer-Reviewed Journal)
- VIII. **Büyükbaş Hayvan Atıklarının Anaerobik Çürütülmesi**
COŞKUN T., Manav N., DEBİK E., Binici S., Tosun C., Mehmetli E., Baban A.
Sigma Mühendislik ve Fen Bilimleri Dergisi, no.3, pp.1-9, 2011 (Peer-Reviewed Journal)
- IX. **Büyükbaş Hayvan Atıklarının Kompostlaştırılması**
Tosun C., Binici S., Mehmetli E., Baban A., Manav N., Coşkun T., DEBİK E.
Sigma Mühendislik ve Fen Bilimleri Dergisi, vol.1, no.3, pp.117-125, 2011 (Peer-Reviewed Journal)
- X. **Anaerobik Arıtım Prosesleri ile Tekstil Atıksularından Renk Giderimi**
KAYKIOĞLU G., DEBİK E.
Sigma Mühendislik ve Fen Bilimleri Dergisi, no.4, pp.59-68, 2006 (Peer-Reviewed Journal)
- XI. **Gıda Endüstrisi Atık Sularının Mantar Türü Mikroorganizmalarla Arıtımı**
DEBİK E.
Su ve Çevre Teknolojileri, vol.2, no.7, 2006 (Peer-Reviewed Journal)
- XII. **Evsel Atıksuların Kimyasal Arıtımında Maliyet ve Çevresel Yaklaşımlar**
DEBİK E., DEMİR A., Günay A.
Yıldız Teknik Üniversitesi Dergisi, vol.2, pp.1-2, 2000 (Peer-Reviewed Journal)
- XIII. **İstanbul-Ataköy Biyolojik Arıtma Tesisi Atıksularında Kimyasal Arıtılabilirliğin İncelenmesi**
DEBİK E., DEMİR A., Günay A.
Yıldız Teknik Üniversitesi Dergisi, vol.4, pp.1-2, 1999 (Peer-Reviewed Journal)
- XIV. **İstanbul'da Ev Çöplerindeki Geri Kazanılabılır Materyallerin Araştırılması**
TÜRKDOĞAN F. İ., Gönüllü M., Arslankaya E., Goncaloğlu B. İ., Kanat G., Saral A., Debik E.
Ekoloji Çevre Dergisi, vol.5, no.19, pp.13-14, 1996 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Wastewater Treatment and Technology**

DEBİK E., Bahadır M., Haarstrick A.

Springer, 2023

II. **ATIKSULARIN GERİ KAZANIMI VE ATIKSULardan ENERJİ ELDESİ**

DEBİK E.

in: TEMİZ ÜRETİM, YEŞİL MUTABAKAT VE SÜRDÜRÜLEBİLİR ATIK YÖNETİMİ, Mehmet Emin Aydın, Güleda Engin,

Editor, Türkiye Bilimler Akademisi, İstanbul, pp.245-264, 2023

- III. **Anaerobic Dynamic Membrane Bioreactors for the Domestic Wastewater Treatment**
DEBİK E., MANAV DEMİR N., CELİK E., İHTİYAROĞLU A.
in: Wastewater Management and Technologies, Eyüp Debik, Müfit Bahadır, Andreas Haarstrick, Editor, Springer, pp.23-34, 2023
- IV. **Sewerage Systems and Wastewater Treatment**
Debik E., Ulucan-Altuntas K., Manav Demir N.
in: Water and Wastewater Management, Müfit Bahadır; Andreas Haarstrick, Editor, Springer, London/Berlin , Berlin, pp.99-114, 2022
- V. **Experiences on Wastewater Treatment and Reuse for Different Types of Industries in Turkey**
DEBİK E.
in: Towards Water Secure Societies Coping with Water Scarcity and Quality Challenges , , Editor, 3, pp.101-107, 2021
- VI. **Binary Adsorption of Copper and Nickel Metal Ions on Nano Zero Valent Iron Supported on Activated Carbon (AC/nZVI)**
DEBİK E., ALTUNTAŞ K., Yoruk I. I., Kozal D.
in: Solutions to Water Challenges in MENA REGION Proceedings of the Regional Workshop, April 25-30, 2017 - Cairo, Egypt, Zeinab Abou-Elnaga, Mehmet Emin Aydin, Editor, Cuvillier Verlag, Göttingen, pp.146-152, 2017
- VII. **Ön Arıtma**
Debik E.
in: Su ve Atıksu Mühendisliği, ismail Toröz, Editor, Nobel Yayın Dağıtım, İstanbul, pp.842-872, 2015
- VIII. **Atıksu Arıtımında Fiziksel, Kimyasal ve Biyolojik Metodlar**
DEMİR A., KANAT G., DEBİK E.
Yıldız Teknik Üniversitesi, İstanbul, 2000

Refereed Congress / Symposium Publications in Proceedings

- I. **Evaluation of recovery potential of wastewater treatment plants in Kocaeli, Turkey**
Gelgör H. B., MANAV DEMİR N., İLHAN F., ALTUNTAŞ K., TIWARY A., DEBİK E.
INTERNATIONAL CONFERENCE ON GLOBAL PRACTICE OF MULTIDISCIPLINARY SCIENTIFIC STUDIES, Cyprus (Kkct), 06 March 2022
- II. **Kinetic Study for Nitrate Removal by Nano Zero Valent Iron**
UZUN H. İ., ARSLAN Z. B., ALTUNTAŞ K., DEBİK E.
Regional Workshop on “Water-Energy-Food-Nexus in MENA Region”, Aswan, Egypt, 11 November 2018, pp.1
- III. **Sulfate Removal by Capacitive Deionization (CDI) Process and Cost Analysis**
UZUN H. İ., DEBİK E.
Water Perspectives in Emerging Countries, Water Scarcity: Risks and Solutions, 24 - 27 April 2018
- IV. **Membran Kapasitif Deiyonizasyon Prosesi ile Sertlik Giderimi**
UZUN H. İ., DEBİK E.
4th International Symposium on Environment and Moralit, Saraybosna, Bosnia And Herzegovina, 28 June 2018, pp.1
- V. **Detection of Effective Parameters in Arsenic Removal With Capacitive Deionization Process and Arsenic Removal from Wastewater**
UZUN H. İ., DEBİK E.
Eurasia Waste Management Symposium 2018, İstanbul, Turkey, 02 May 2018, pp.577-584
- VI. **Water quality improvement of historical Beykoz-Oncesmeler water system in Istanbul, Turkey**
DEBİK E.
Expert Workshop on “Water Use in MENA Countries 2017”, Marakeş, Monaco, 03 November 2017, pp.1
- VII. **REVITALIZATION OF HISTORICAL BEYKOZ-ONCESMELER WATER SYSTEM IN ISTANBUL, TURKEY**
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Supported Projects

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Manav Demir N., Debik E., TUBITAK Project, Hayvansal Atık Yönetimi, 2007 - 2012
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Metrics

Publication: 105

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H-Index (Scopus): 12

Awards

DEBİK E., Academical Encouragement Certificate (for achieving the third weighted rank among all academicians in university have Intellectual and industrial property rights between in 2016, Rectorship of Yildiz Technical University, May 2018

Non Academic Experience

Organized industrial Zone, Velimeşe, Bölge Müdürlüğü

Velimeşe Organize Sanayi Bölgesi Müdürlüğü

Organized industrial Zone, Ergene-1, Bölge Müdürlüğü

Ergene Organize Sanayi Bölgesi Müdürlüğü

Other Public Institution, İstanbul Büyükşehir Belediyesi, Genel Sekreterlik

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