

Prof. Uğur KURT

Personal Information

Office Phone: [+90 212 383 5392](tel:+902123835392) Extension: 5392

Fax Phone: [+90 212 383 5358](tel:+902123835358)

Email: ukurt@yildiz.edu.tr

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

Address: İnşaat Fak./Çevre Müh. Böl. Davutpaşa Kampüsü 34220 Esenler/İstanbul

International Researcher IDs

ScholarID: SjvyctkAAAAJ

ORCID: 0000-0002-1012-0298

ScopusID: 6507828333

Yoksis Researcher ID: 174641

Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Çevre Mühendisliği, Turkey
2000 - 2007

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Çevre Mühendisliği, Turkey
1998 - 2000

Undergraduate, Gazi University, Mühendislik-Mimarlık Fakültesi, Kimya Mühendisliği, Turkey 1982 - 1987

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, FENTON VE ELEKTROKİMYASALYÖNTEMLERLE EVSEL ATIKSULARIN ARITILABİLİRLİĞİNİN
ARAŞTIRILMASI, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Çevre Mühendisliği, 2007

Postgraduate, SIZINTI SULARININ DEMİR KATALİZLİ HİDROJENPEROKSİT OKSİDASYONU İLE ARITILABİLİRLİĞİNİN
ARAŞTIRILMASI, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Çevre Mühendisliği, 2000

Research Areas

Environmental Engineering, Environmental Sciences, Environmental Chemistry, Environmental Technology, Industrial and Hazardous Waste Management, Water Pollution and Control, Chemical Engineering and Technology, Chemical Technologies, Environmental Chemistry and Technology, Engineering and Technology

Academic Titles / Tasks

Professor, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2024 -
Continues

Associate Professor, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2016 - 2024

Assistant Professor, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2008 - 2016

Expert PhD, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2007 - 2008

Expert, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 1997 - 2007

Academic and Administrative Experience

Vice Dean, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2024 - Continues

Bologna Bilgi Sistemi Koordinatörü, Yildiz Technical University, Rectorate, 2019 - 2023

Rectorate Commissioner, Yildiz Technical University, Rectorate, 2018 - 2022

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Yildiz Technical University, Rectorate, 2018 - 2021

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Yildiz Technical University, Rectorate, 2017 - 2020

Rectorate Commissioner, Yildiz Technical University, Rectorate, 2016 - 2019

Yıldız Teknik Üniversitesi, İnşaat Fakültesi/Çevre Mühendisliği Bölümü, 2016 - 2018

Yıldız Teknik Üniversitesi, Rectorate, 2017 - 2017

Courses

Doctorate

Advanced Chemical Methods on Wastewater Treatment, Doctorate, 2017 - 2018, 2016 - 2017, 2013 - 2014, 2011 - 2012

DOKTORA UZMANLIK ALANI DERSİ, Doctorate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Postgraduate

WATER CHEMISTRY, Postgraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2009 - 2010

YÜKSEK LİSANS UZMANLIK ALANI DERSİ, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Undergraduate

BİTİRME ÇALIŞMASI, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

TEMEL İŞLEMLER LABORATUVARI, Undergraduate, 2017 - 2018, 2015 - 2016, 2014 - 2015

TASARIM PROJESİ, Undergraduate, 2017 - 2018, 2016 - 2017

ENDÜSTRİYEL KİRLENME KONTROLÜ, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

KİMYASAL TEMEL İŞLEMLER, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

ÇEVRE KİMYASI 2, Undergraduate, 2016 - 2017

ÇEVRE KİMYASI 1, Undergraduate, 2015 - 2016

ÇEVRE KİMYASI 2, Undergraduate, 2013 - 2014

ÇEVRE KİMYASI 1, Undergraduate, 2013 - 2014

ENDÜSTRİYEL KİRLENME KONTROLÜ, Undergraduate, 2013 - 2014

İŞ SAĞLIĞI GÜVENLİĞİ, Undergraduate, 2010 - 2011

ÇEVRE EĞİTİMİ, Undergraduate, 2010 - 2011

TOPRAK VE YERALTI SUYU KİRLENMESİ, Undergraduate, 2011 - 2012

Supervised Theses

Kurt U., ÇEVRE ANALİZ LABORATUVARLARINDA KİMYASAL VE BİYOLOJİK RİSK ETMENLERİNİN İŞ SAĞLIĞI VE GÜVENLİĞİ AÇISINDAN DEĞERLENDİRİLMESİ, Postgraduate, B.Çimen(Student), 2020

KURT U., TEKSTİL SANAYİ ATIK SULARININ ELEKTRO-KOAGÜLASYON PROSESİ İLE ARITIMININ İNCELENMESİ: CEVAP-YÜZEY METODU İLE OPTİMİZASYONU, Postgraduate, K.KAMACI(Student), 2019

Kurt U., ALUMİNYUM, SUNİ DERİ VE HİDROJEN PEROKSİT SEKTÖRLERİNDE OLASI ENDÜSTRİYEL KAZA SENARYOLARININ İNSAN, ÇEVRE VE PROSES GÜVENLİĞİ AÇISINDAN İNCELENMESİ, Postgraduate, S.SATICI(Student), 2019

Kurt U., HegzaKloroSikloHegzan İzomerlerinin Mekanokimyasal Yöntemlerle Giderimlerinin Araştırılması, Doctorate, V.PELİTLİ(Student), 2018

Kurt U., APPLICATION OF ELECTRO-COAGULATION / ELECTRO-DIALYSIS TREATMENT FOR THE RECOVERY AND REUSE TANNERY WASTEWATER, Doctorate, A.F.M(Student), 2016

Kurt U., Elektrodializ Bipolar Membran Proseslerinin Tıkanma Mekanizması ve Önleme Çalışmalarının Analizi: Sızıntı Suyu örneği, Postgraduate, S.YAZICI(Student), 2011

Kurt U., Sintine Sularının Elektrokimyasal Olarak Arıtılabilirliğinin Araştırılması, Postgraduate, K.ULUCAN(Student), 2011

Kurt U., Yünlü ve Akrilik İplik Boyahane Atıksularından Fenton ve Elektrokoagülasyon Yöntemleri ile Renk ve KOİ Giderimi, Postgraduate, C.DOĞAN(Student), 2011

Jury Memberships

Post Graduate, Ebru Özkan Yüksek Lisans Tez Jürisi, YTÜ FBE Çevre Mühendisliği Yüksek Lisans Programı, December, 2018

Doctoral Examination, Raghad el Ubeydi Doktora Yeterlilik Sözlü Sınavı, YTÜ FBE Çevre Mühendisliği Doktora Programı, December, 2017

Doctorate, Burcu İleri Doktora Tez Savunması, YTÜ FBE Çevre Mühendisliği Doktora Programı, July, 2015

Doctorate, Gülsüm Summak Doktora Tez Savunması, YTÜ FBE Çevre Mühendisliği Doktora Programı, July, 2015

Doctorate, Gizem Karaca Doktora Tez Savunması, Uludağ Üni. FBE Çevre Mühendisliği Doktora Programı, July, 2013

Doctoral Examination, Berrin Saygı Doktora Yeterlilik Jürisi, YTÜ FBE Kimya Mühendisliği Doktora Programı, December, 2012

Doctorate, Emel Koçak Doktora Tez Savunması, YTÜ FBE Çevre Mühendisliği Doktora Programı, July, 2010

Taught Courses And Trainings

Kurt U., Endüstriyel Kirlenme ve Kontrolü, 2017 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **An Optimization Study of Advanced Fenton Oxidation Methods (UV/Fenton–MW/Fenton) for Treatment of Real Epoxy Paint Wastewater**
Balcioğlu İlhan E. B., İlhan F., Kurt U., Yetilmezsoy K.
WATER (SWITZERLAND), vol.16, no.4, pp.1-18, 2024 (SCI-Expanded)
- II. **Investigation of the synergistic effect of the Fenton process on the paint industry wastewater treatment and optimization of independent process parameters**
APAYDIN Ö., KURT U., İLHAN F.
Desalination and Water Treatment, vol.308, pp.68-79, 2023 (SCI-Expanded)
- III. **Optimization and effect of pH on treatability of metal plating wastewater by electrocoagulation process: a pilot study**
İlhan F., Avşar Y., Kurt U., Saral A.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.20, no.7, pp.7671-7678, 2023 (SCI-Expanded)
- IV. **Investigation of the treatability of paint industry wastewater using hybrid coagulant poly-aluminum-**

chloride-sulfate

Apaydın Ö., Kurt U., İlhan F.

Desalination and Water Treatment, vol.286, pp.81-89, 2023 (SCI-Expanded)

- V. **Electrocoagulation Process for Metal Plating Wastewater: Kinetic Modelling and Energy Consumption**
İlhan F., Ulucan-Altuntaş K., Avşar Y., Kurt U., Saral A.
FRONTIERS OF ENVIRONMENTAL SCIENCE & ENGINEERING, vol.13, no.5, pp.73-81, 2019 (SCI-Expanded)
- VI. **Treatability of raw textile wastewater using Fenton process and its comparison with chemical coagulation**
İLHAN F., Ulucan-Altuntas K., Dogan C., KURT U.
DESALINATION AND WATER TREATMENT, vol.162, pp.142-148, 2019 (SCI-Expanded)
- VII. **Optimization of raw acrylic yarn dye wastewater treatment by electrochemical processes: kinetic study and energy consumption**
İlhan F., Ulucan-Altuntas K., Dogan C., Kurt U.
GLOBAL NEST JOURNAL, vol.21, pp.187-194, 2019 (SCI-Expanded)
- VIII. **Mechanochemical destruction of technical Hexachlorocyclohexane with Calcium oxide**
Pelitli V., Kurt U., Canlı O.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.34, pp.962-973, 2019 (SCI-Expanded)
- IX. **Mechanochemical dechlorination of hexachlorocyclohexane isomers by planetary ball mill in the presence of metal oxides**
Pelitli V., Kurt U., Canlı O.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.34, pp.740-750, 2019 (SCI-Expanded)
- X. **Thermotechnical comparison of conventional heating and microwave radiation method for dewatering of sewage sludge**
AVŞAR Y., KURT U.
DESALINATION AND WATER TREATMENT, vol.72, pp.274-280, 2017 (SCI-Expanded)
- XI. **Optimization of treatment leachates from young, middle-aged and elderly landfills with bipolar membrane electro dialysis**
İlhan F., Guvenc S., Avşar Y., Kurt U., Gonullu M. T.
ENVIRONMENTAL TECHNOLOGY, vol.38, no.21, pp.2733-2742, 2017 (SCI-Expanded)
- XII. **Treatment of raw tannery wastewater by electrocoagulation technique: optimization of effective parameters using Taguchi method**
Deghles A., Kurt U.
DESALINATION AND WATER TREATMENT, vol.57, pp.14798-14809, 2016 (SCI-Expanded)
- XIII. **Treatment of tannery wastewater by a hybrid electrocoagulation/electrodialysis process**
Deghles A., Kurt U.
CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION, vol.104, pp.43-50, 2016 (SCI-Expanded)
- XIV. **Recovery of mixed acid and base from wastewater with bipolar membrane electro dialysis-a case study**
İlhan F., Kabuk H. A., Kurt U., Avşar Y., Gonullu M. T.
DESALINATION AND WATER TREATMENT, vol.57, no.11, pp.5165-5173, 2016 (SCI-Expanded)
- XV. **Comparative study of electrochemical wastewater treatment processes for bilge water as oily wastewater: A kinetic approach**
Ulucan K., Kurt U.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.747, pp.104-111, 2015 (SCI-Expanded)
- XVI. **Investigation of Leachate Treatment with Electrocoagulation and Optimization by Response Surface Methodology**
Kabuk H. A., İlhan F., Avşar Y., Kurt U., Apaydın Ö., Gonullu M. T.
CLEAN-SOIL AIR WATER, vol.42, no.5, pp.571-577, 2014 (SCI-Expanded)
- XVII. **Electrocoagulation Process Application in Bilge Water Treatment Using Response Surface**

Methodology

Ulucan K., Kabuk H. A., İlhan F., Kurt U.

INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE, vol.9, pp.2316-2326, 2014 (SCI-Expanded)

- XVIII. Evaluation of treatment and recovery of leachate by bipolar membrane electro dialysis process**
İlhan F., Kabuk H. A., Kurt U., Avşar Y., Sari H., Gönüllü M. T.
CHEMICAL ENGINEERING AND PROCESSING-PROCESS INTENSIFICATION, vol.75, pp.67-74, 2014 (SCI-Expanded)
- XIX. Fuzzy logic modeling of Fenton s strong chemical oxidation process treating three types of landfill leachates**
SARI ERKAN H., YETİLMEZSOY K., İLHAN F., YAZICI S., KURT U., APAYDIN Ö.
Environmental Science And Pollution Research, vol.20, pp.4235-4253, 2013 (SCI-Expanded)
- XX. Biological treatability processes of textile wastewaters using electrocoagulation and ozonation**
AVŞAR Y., Kabuk H. A., KURT U., ÇAKMAKCI M., Ozkaya B.
JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH, vol.71, no.7, pp.496-500, 2012 (SCI-Expanded)
- XXI. 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)
- XXII. AN INVESTIGATION ON THE TREATMENT OF TANNERY WASTEWATER BY ELECTROCOAGULATION**
Apaydin Ö., Kurt U., Gönüllü M. T.
GLOBAL NEST JOURNAL, vol.11, no.4, pp.546-555, 2009 (SCI-Expanded)
- XXIII. Treatment of leachate by electrocoagulation using aluminum and iron electrodes**
İlhan F., Kurt U., Apaydin Ö., Gonullu M. T.
JOURNAL OF HAZARDOUS MATERIALS, vol.154, pp.381-389, 2008 (SCI-Expanded)
- XXIV. Treatment of domestic wastewater by electrocoagulation in a cell with Fe-Fe electrodes**
KURT U., Gonullu M. T., İLHAN F., Varınca K.
ENVIRONMENTAL ENGINEERING SCIENCE, vol.25, no.2, pp.153-161, 2008 (SCI-Expanded)
- XXV. Comparison of classical chemical and electrochemical processes for treating rose processing wastewater**
Avsar Y., Kurt U., Gonullu T.
JOURNAL OF HAZARDOUS MATERIALS, vol.148, pp.340-345, 2007 (SCI-Expanded)
- XXVI. Reduction of COD in wastewater from an organized tannery industrial region by Electro-Fenton process**
Kurt U., Apaydin Ö., Gönüllü M. T.
JOURNAL OF HAZARDOUS MATERIALS, vol.143, pp.33-40, 2007 (SCI-Expanded)
- XXVII. Recent years status of sediment bed of Golden Horn (Istanbul) after year 1999**
GÖNÜLLÜ M. T., Avsar Y., Apaydin O., Bayhan H., Kurt U.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.121, pp.561-569, 2006 (SCI-Expanded)
- XXVIII. Treatability of Water Based Paint Wastewater with Fenton Process in Different Reactor Types**
KURT U., AVŞAR Y., GÖNÜLLÜ M. T.
Chemosphere, pp.1536-1540, 2006 (SCI-Expanded)
- XXIX. Primary productivity in the Golden Horn**
GÖNÜLLÜ M. T., AVŞAR Y., BAYHAN H., ŞAKAR S., ARSLANKAYA E., APAYDIN Ö., KURT U.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.109, pp.57-64, 2005 (SCI-Expanded)
- XXX. A Study of Organics and Their Alteration in Benthic Sediments of Golden Horn**
GÖNÜLLÜ M. T., BAYHAN H., AVŞAR Y., ARSLANKAYA E., KURT U., TOSUN İ., APAYDIN Ö.
Fresenius Environmental Bulletin, pp.1457-1464, 2003 (SCI-Expanded)

Articles Published in Other Journals

- Persistent Organic Pollutants (POPs): Historical Risks, Current Challenges, and Emerging Solutions**
Pelitli V., Kurt U.

- Research in Medical & Engineering Sciences, vol.11, no.2, pp.1192-1194, 2024 (Peer-Reviewed Journal)
- II. **Hexachlorocyclohexane (HCH): Optimization of Mechanochemical Degradation Process by CaO**
Pelitli V., Kurt U.
Politeknik, vol.24, no.2, pp.439-452, 2021 (ESCI)
 - III. **Comparison of Chemical and Electrochemical Treatment Processes for Wool Yarn Dyeing Effluents**
Altuntaş K., İlhan F., Dogan C., Kurt U.
Sigma Journal of Engineering and Natural Science, vol.38, no.2, pp.623-636, 2020 (ESCI)
 - IV. **Hydrogen Gas Production from Tannery Wastewater by Electrocoagulation of a Continuous Mode with Simultaneous Pollutants Removal**
Deghles A., Kurt U.
IOSR Journal of Applied Chemistry, vol.10, no.3, pp.40-50, 2017 (Peer-Reviewed Journal)
 - V. **Sızıntı Sularının Evsel Atıksularla Birlikte Eektrokoagülasyon Prosesiyle Arıtılabilirliğinin İncelenmesi**
Kurt U., İlhan F., Birben N. C., Ulucan K., Gönüllü M. T.
Sigma Journal of Engineering and Natural Sciences, vol.3, no.1, pp.55-64, 2011 (ESCI)
 - VI. **Neural Network Modelling of Outdoor Noise Levels in a Pilot Area**
Avşar Y., Saral A., Gönüllü M. T., Arslankaya E., Kurt U.
Turkish J. Eng. Env. Sci., vol.28, no.3, pp.149-155, 2004 (Scopus)
 - VII. **Outdoor Noise Levels at Yildiz Technical University Istanbul Turkey**
Avşar Y., Gönüllü M. T., Arslankaya E., Kurt U.
CANADIAN ACOUSTICS - ACOUSTIQUE CANADIENNE, vol.29, no.2, pp.29-36, 2001 (Scopus)

Books

- I. **33 GAZ ANALİZLERİ**
Kurt U.
in: ÇEVRE MÜHENDİSLİĞİ VE BİLİMİ İÇİN KİMYA, İSMAİL TORÖZ, Editor, Nobel Yayın Dağıtım, Ankara, pp.699-708, 2013
- II. **34 İZ(ESER) KİRLETİCİLER**
Kurt U.
in: ÇEVRE MÜHENDİSLİĞİ VE BİLİMİ İÇİN KİMYA, İSMAİL TORÖZ, Editor, Nobel Yayın Dağıtım, Ankara, pp.709-728, 2013
- III. **32 UÇUCU ASİTLER**
Kurt U.
in: ÇEVRE MÜHENDİSLİĞİ VE BİLİMİ İÇİN KİMYA, İSMAİL TORÖZ, Editor, Nobel Yayın Dağıtım, Ankara, pp.689-698, 2013

Papers Published in Refereed Scientific Meetings

- I. **TEKSTİL ENDÜSTRİSİNDE ATIKSU YÖNETİMİ**
İlhan F., Balcıoğlu İlhan E. B., Kurt U.
11.ULUSAL KATI ATIK YÖNETİMİ KONGRESİ (UKAY 2023, Ardahan, Turkey, 18 - 21 October 2023, pp.13-14
- II. **ÇEVRE LABORATUVARLARININ İŞ SAĞLIĞI VE GÜVENLİĞİ AÇISINDAN KİMYASAL VE BİYOLOJİK RİSK ETMENLERİNİN DEĞERLENDİRİLMESİ**
Kurt U., Çimen B.
29 Ekim Bilimsel Araştırmalar Sempozyumu, İzmir, Turkey, 28 - 29 October 2019, vol.1, no.1, pp.1
- III. **Fouling and cleaning of ion-exchange membranes in electro dialysis with bipolar membrane process during leachate treatment**
Yazıcı Güvenç S., Kurt U.

four edition of International Conference on Civil Environmental, Geology and Mining Engineering, Trabzon, Turkey, 20 - 22 April 2019, vol.1, no.1, pp.685-697

- IV. **METAL KAPLAMA SANAYİ KARMA ATIKSUYUNDA ELEKTROKOAGÜLASYON /FLOKÜLASYON YÖNTEMİ İLE BAKIR VE NİKEL GİDERİM PERFORMANSLARININ PILOT ÖLÇEKLI TESİS ÜZERİNDE ARAŞTIRILMASI**
Kurt U.
ULUSLARARASI ERCİYES BİLİMSEL ARAŞTIRMALAR KONGRESİ 26-28 NİSAN 2019 KAYSERİ, Kayseri, Turkey, 26 - 28 April 2019, vol.1, no.1, pp.43
- V. **Optimization of Electrochemical Processes for the Treatment of Raw Woollen Yarn Dye Wastewater**
ALTUNTAŞ K., İLHAN F., Doğan C., KURT U.
International Conference on Application in Chemistry and Chemical Engineering, Belgrade, Serbia And Montenegro, 10 - 14 October 2018
- VI. **Ecotoxicological Assessment of Hexachlorocyclohexane Degradation by Inorganic Industrial Wastes**
PELİTLİ V., KURT U., CANLI O.
ECOLOGY 2018 INTERNATIONAL SYMPOSIUM/KASTAMONU UNIVERSITY, 19 - 23 June 2018
- VII. **İnorganik Atıklar Kullanılarak Hegzaklorosiklohegzan'ın Mekanokimyasal Deklorinasyonu**
Pelitli V., KURT U., Canlı O.
3rd ASM INTERNATIONAL CONGRESS OF AGRICULTURE AND ENVIRONMENT, 16 - 18 November 2017, vol.1, pp.109-110
- VIII. **Rapid Degradation of Hexachlorocyclohexane Isomers in the Presence of Micron Calcium Oxide by Planetary Ball Mill**
Pelitli V., KURT U., Canlı O.
UKECEK-2017/EDİRNE/TÜRKİYE, 12 - 15 September 2017, vol.1, pp.302
- IX. **Peyniraltı Suyunun Elektrodializ Prosesi ile Demineralizasyonu**
KURT U.
Endüstriyel Atıksuların Membran Teknolojileri ile Arıtımı, Su/Ürün Geri Kazanımı ve Konsantre Yönetim Teknolojileri Çalıştayı, İstanbul, Turkey, 18 - 20 April 2017, vol.1, no.1, pp.21-22
- X. **Determination of Gas Potential during Electrochemical Landfill Leachate Treatment**
APAYDIN Ö., SAĞLAM H., KURT U.
EURASIA Waste Management Symposium, 2 - 04 May 2016
- XI. **Use of the Forward Osmosis Technology in Landfill Leachate Treatment**
İkizoğlu B., Manav Demir N., Arslankaya E., Debik E., Kurt U., İlhan F.
EURASIA 2014 WASTE MANAGEMENT SYMPOSIUM, İstanbul, Turkey, 28 - 30 April 2014, pp.978-981
- XII. **Elektrodializ Prosesinin Sızıntı Sularının Geri Kazanım Amaçlı Arıtımında Performansı Etkileyen Temel Parametrelerin Araştırılması**
İLHAN F., AVŞAR Y., KABUK H. A., KURT U., GÖNÜLLÜ M. T.
3. Ulusal Membran Teknolojileri ve Uygulamaları Sempozyumu, Turkey, 26 - 27 September 2013
- XIII. **Refractory Fractions Contrary to Oxidative Degradation in Textile Wastewater**
KURT U., Doğan C.
EURASIA WASTE MANAGEMENT SYMPOSIUM/İSTANBUL-2011, 26 - 28 October 2011
- XIV. **Fouling of Ion Exchange Membranes in Electrodialysis Process for Recovery of Leachate Compounds**
Yazıcı S., İlhan F., Erkan H., Yakup A., Ulucan K., Kurt U.
EURASIA WASTE MANAGEMENT SYMPOSIUM/İSTANBUL-2011, İstanbul, Turkey, 14 - 16 November 2011
- XV. **Treatment of Bilge Water By Electrocoagulation/Electroflotation Process**
ALTUNTAŞ K., İLHAN F., ÇIKARANOĞLU S., YAZICI GÜVENÇ S., ERKAN H., KURT U.
eurasia 2011, 14 - 16 November 2011
- XVI. **Fouling of Ion Exchange Membranes in Electrodialysis Process for Recovery of Leachate Compounds**
YAZICI S., İLHAN F., ERKAN H., aydın y., ulucan k., KURT U.
Eurasia Waste Management Symposium, 14 - 16 November 2011
- XVII. **Treatment of Bilge Water By Electrocoagulation Electroflotation Process Optimization With Response Surface Method**

- Ulucan K., İLHAN F., Çıkaranoğlu S., YAZICI S., Sarı H., KURT U.
Eurasia Waste Management Symposium, 14 - 16 November 2011
- XVIII. **Membran Prosesler İçerisinde Elektrodializ Prosesi, Mekanizması ve Uygulama Alanları**
İLHAN F., GÖNÜLLÜ M. T., AVŞAR Y., KURT U., KABUK H. A.
, International Sustainable Water and wastewater Management Symposium, Konya, Turkey, 26 October 2010, pp.853-860
- XIX. **Optimization of Phosphorus Compounds Removal by Electrocoagulation Process from Landfill Leachate**
İLHAN F., GÖNÜLLÜ M. T., AVŞAR Y., KURT U., KABUK H. A.
Uluslararası Sürdürülebilir Su ve Atıksu Yönetimi Sempozyumu, 26 - 28 October 2010
- XX. **Electrodialysis in Membrane Processes Mechanism and Applications**
İLHAN F., GÖNÜLLÜ M. T., AVŞAR Y., KURT U., ARSLANKAYA E.
Uluslararası Sürdürülebilir Su ve Atıksu Yönetimi Sempozyumu, 26 - 28 October 2010
- XXI. **Treatment of Pretreated domestic waste water by Fenton process in a sea outfall**
APAYDIN Ö., KURT U., GÖNÜLLÜ M. T.
11th International Conference on Environmental Science And Technology, 5 - 07 November 2009
- XXII. **Optimization of organic pollutants removal by electrocoagulation with iron electrodes**
İLHAN F., ARSLANKAYA E., GÖNÜLLÜ M. T., KURT U., APAYDIN Ö.
1. International Workshop on Application of Redox Technologies in the Environment, İstanbul, Turkey, 14 September 2009, pp.116-120
- XXIII. **Optimization of COD NH3 N and Color Removal by Electrooxidation Processes from Middle Aged Landfill Leachate**
İLHAN F., ARSLANKAYA E., GÖNÜLLÜ M. T., KURT U., APAYDIN Ö.
1st International Workshop on Application of Redox Technologies in the Environment, 2009, İstanbul, 01 September 2009
- XXIV. **A research on using ph, conductivity and temperature at electrocoagulation Process control**
GÖNÜLLÜ M. T., ARSLANKAYA E., İLHAN F., KURT U., APAYDIN Ö.
Middle East Waste, Recycling And Environmental Management Congress, Dead Sea, Jordan, 17 February 2008, pp.19
- XXV. **Optimization of color and removal from leachate by electro coagulation treatment**
GÖNÜLLÜ M. T., ARSLANKAYA E., İLHAN F., KURT U., APAYDIN Ö.
Middle East Recycling, Waste & Environmental Management Exhibition & Congress, 7 - 09 February 2008
- XXVI. **Treatment of Leachate by Electrocoagulation and Electrooxidation Processes**
İlhan F., Apaydın Ö., Kurt U., Arslankaya E., Gönüllü M. T.
Third International Conference on Environmental Science and Technology, Texas, United States Of America, 9 - 11 August 2007, pp.198-204
- XXVII. **Elektrokimyasal Arıtım ve Uygulama Alanları Katı Atık Sızıntı Suyu Çalışması Örneği**
İLHAN F., KURT U., APAYDIN Ö., ARSLANKAYA E., GÖNÜLLÜ M. T.
Türkiye Katı Atık Yönetimi Sempozyumu, Haz 2007, İstanbul, Turkey, 30 June 2007
- XXVIII. **A Research on Treatability of Leather Industry Wastewater with Using Electro Fenton Process**
GÖNÜLLÜ M. T., KURT U., APAYDIN Ö.
IULTCS II: EUROCONGRE, İstanbul, Turkey, 4 - 06 May 2006
- XXIX. **Chemical Treatability of Rose Oil Wastewater Originated from Isparta City**
AVŞAR Y., KURT U., Tosun İ., Günay A.
Symposium on Civil Engineering Problems of Antalya, September 2005, Antalya., Antalya, Turkey, 22 September 2005, vol.2, pp.615-624
- XXX. **Tekstil Boyahane Atıksularının Kimyasal ve Aktif Karbon Adsorpsiyonu ile Arıtımı**
Tosun İ., Günay A., KURT U.
Çevre Kirlenmesi Öncelikleri Sempozyumu IV, Gebze Yüksek Teknoloji Enstitüsü, Çevre Mühendisliği Bölümü, 9-10 Ekim 2003, Kocaeli., Kocaeli, Turkey, 09 October 2003, vol.1, pp.468-472
- XXXI. **Research on treatability of young landfill leachates by Fenton's reaction**

Kurt U., Avşar Y., Gönüllü M. T., Arslankaya E.

Proceedings of the ISWA 2002 World Environmental Congress and Exhibition, Istanbul, İstanbul, Turkey, 8 - 12 July 2002, vol.1, pp.8-12

XXXII. Golden Horn Sediment Pollution Characteristics in March 2001

GÖNÜLLÜ M. T., Bayhan H., ARSLANKAYA E., KURT U., AVŞAR Y., Tosun İ., APAYDIN Ö.

Golden Horn 2001 Symposium, 3-4 May 2001, Istanbul, İstanbul, Turkey, 03 May 2001, vol.1, pp.212-230

XXXIII. Sızıntı Sularının Fenton Reaksiyonu İle Arıtılabilirliğinin Araştırılması

KURT U., GÖNÜLLÜ M. T.

1. Ulusal Katı Atık Kongresi, 18-21 Nisan 2001, İzmir, Turkey, 18 - 21 April 2001

Other Publications

- I. **ALTIN RAFİNERİ DÜNYASI A.Ş. RAMAT İŞLEMİ TEKNİK UYGUNLUK RAPORU**
Kurt U., Avşar Y., Apaydın Ö.
Technical Report, pp.1-30, 2019
- II. **NANOFİLTRASYON VE ELEKTRODİYALİZ UYGULAMALARININ AYNES GIDA SAN. VE TİC. A.Ş. PEYNİR ALTI SUYU NUMUNESİNDE DEMİNARİLAZASYON PERFORMANSININ BELİRLENMESİ**
Kurt U.
Technical Report, pp.1-12, 2014
- III. **OBA PERDESAN A.Ş. TEKNİK RAPOR**
Kurt U.
Technical Report, pp.1-5, 2011
- IV. **PALKİM TEKNİK İNCELEME RAPORU**
Kurt U.
Technical Report, pp.1-2, 2010
- V. **HALIÇ EKOSİSTEMİNDE ÇÖZÜNMÜŞ OKSİJEN PARAMETRESİNİN İZLENMESİ**
Kurt U.
Technical Report, pp.1-15, 2007
- VI. **MARMARİS ADAĞZI MEVKİİ MARİNA PROJE ALANI SU KALİTESİ VE FLORA FAUNA RAPORU**
Kurt U.
Technical Report, pp.1-15, 2007
- VII. **ZEYTİNBURNU MARİNA PROJE ALANI SU KALİTESİ VE FLORA FAUNA RAPORU**
Kurt U.
Technical Report, pp.1-15, 2007
- VIII. **İĞNEADA İSKELESİ SU KALİTESİ VE FLORA FAUNA RAPORU**
Kurt U.
Technical Report, pp.1-15, 2006
- IX. **PENDİK YAT LİMANI DENİZ ARAŞTIRMASI TEKNİK RAPORU**
Kurt U.
Technical Report, pp.1-15, 2005
- X. **FAKO İLAÇ EMİSYON RAPORU**
Kurt U.
Technical Report, pp.1-15, 2005
- XI. **MENDERES DÖKÜM SEFAKÖY ATÖLYESİ EMİSYON RAPORU**
Kurt U.
Technical Report, pp.1-15, 2005

Expert Reports

I. TEKNİK BİLİRKİŞİ RAPORU

AVŞAR Y., KURT U., APAYDIN Ö.

T.C. ÇORLU CUMHURİYET BAŞSAVCILIĞI, pp.13, Tekirdağ, 2017

Supported Projects

- ÇAKMAKCI M., KURT U., Zengin İ. H., TÜRK O. K., SARAL M., Project Supported by Higher Education Institutions, Hibrit Arıtma Düzenegi İle Orta Yoğunluklu Sunta Fabrikası Atıksularının Arıtılabilirliği, 2023 - 2024
- Çakmakçı M., Kurt U., Technopark, MDF Üretiminde Oluşan Refiner Atıksularının Ön Arıtma Alternatiflerinin Araştırılması ve Tasarımı, 2022 - 2022
- KURT U., Project Supported by Higher Education Institutions, Deri Endüstrisi Atıksularının Yeniden Kullanılması ve Geri Kazanım Amaçlı Elektrokoagülasyon-Elektrodiyaliz Uygulaması, 2015 - 2018
- Kurt U., Apaydın Ö., İlhan F., Deghles A., Project Supported by Higher Education Institutions, Atıksuların Elektrokimyasal Yöntemler ile Deşarj Edilebilir Kalitede Arıtılması ve Hidrojen Gazı Üretim Kapasitesinin Belirlenmesi, 2012 - 2018
- Nakir İ., Kurt U., Technopark, "İndüksiyon (LVD) Lambalı Armatür Pilot Bölge Uygulama ", 2017 - 2017
- Avşar Y., Kurt U., Project Supported by Higher Education Institutions, Arıtma Çamurlarına Mikrodalga Yöntemi Uygulayarak Çamurun Fiziksel, Kimyasal ve Mikrobiyolojik Değişimlerinin Araştırılması, 2013 - 2017
- İlhan F., Kurt U., Avşar Y., Industrial Thesis Project, Metal Kaplama Sanayi Atık Sularının Elektrokoagülasyon ile Arıtımı, Su-Asit-Baz Geri Kazanımı ve Çamur Minimizasyonunun Sağlanması, 2014 - 2016
- Kurt U., Technopark, Pastorize Peyniraltı suyunun Kül muhtevasının % 90 oranında azaltılması , 2014 - 2014
- Kurt U., Gönüllü M. T., Project Supported by Higher Education Institutions, Atık Akü Solüsyonlarından Elektrodiyaliz Prosesiyle Asit Geri Kazanımı, 2010 - 2013
- Kurt U., Avşar Y., Project Supported by Higher Education Institutions, Tekstil Atıksularının Biyolojik Arıtılabilirlik Süreçlerinin Belirlenmesi, 2010 - 2012
- İlhan F., Gönüllü M. T., Avşar Y., Kurt U., TUBITAK Project, Sızıntı Sularının Geri Kazanım Amaçlı Elektrodiyaliz Prosesi ile Arıtılabilirliğinin İncelenmesi (109Y285), 2010 - 2012
- KURT U., Project Supported by Other Official Institutions, SIZINTI SUYU VE EVSEL ATIKSUYUN BİRLİKTE ARITILMALARINDA HIZLI VE EKONOMİK BİR YÖNTEM OLARAK; ELEKTROKOAGÜLASYON, 2008 - 2009
- Gönüllü M. T., Apaydın Ö., Kurt U., Arslankaya E., İlhan F., TUBITAK Project, Sızıntı Sularının Elektrokoagülasyon Yöntemiyle Arıtılması, 2006 - 2008
- KURT U., Project Supported by Higher Education Institutions, Treatability of Wastewater by Electro-Fenton Process, 2005 - 2006
- KURT U., Project Supported by Higher Education Institutions, Chemical Treatability of Roseoil Wastewater, 2004 - 2005

Peer Reviews in Scientific Publications

- Ms. Ref. No.: HAZMAT-D-13-01927 Title: Preparation and characterization of chitosan-caboxymethyl-<beta>-cyclodextrin entrapped nano zero-valent iron composite for Cu (II) and Cr (IV) removal from was, SCI Journal, July 2013
- ATIK DÖKÜM KUMUNUN HAZIR BETONDA KULLANILABİLİRLİĞİNİN ARAŞTIRILMASI\ başlıklı \"YTUJENS-2013-257\", National Scientific Refreed Journal, June 2013
- Water Science and Technology Article title: Decolorization of C.I. Reactive Red 2 by a large specific surface area In₂TiO₅: photodegradation and adsorption Reference No: WST-EM13533, SCI Journal, June 2013
- Water Science and Technology Article title: Application of TiO₂ nanoparticles coupled sonocatalytic degradation of Reactive Blue 19 dye from synthetic textile wastewater Reference No: WST-EM13204, SCI Journal, March 2013
- Ms. No.: HAZMAT-D-12-04888 Title: CHROMIUM III DEPURATION OF WASTE WATERS WITH HIGH PROTEIN CONTAIN Journal of Hazardous Materials, SCI Journal, January 2013
- Water Science and Technology Article title: Catalytic Wet Peroxide Oxidation of p-Nitrophenol over Ordered Mesoporous CuO/SBA-15 Catalyst Reference No: WST-EM121122, SCI Journal, October 2012

Integrated treatment of coke oven wastewater by UV- Fenton with CuII catalysis and aerobic biological process-Dr. Sri Juari Santosa Editor CLEAN - Soil, Air, Water, SCI Journal, August 2012
Water Science and Technology Article title: Degradation of Bisphenol A (BPA) Using Electrochemical Assistant Fe(II)-activated Peroxydisulfate (PDS) process at ambient temperature and neutral pH Refere, SCI Journal, May 2012
Water Science and Technology Article title: Simultaneous optimization of multiple performance characteristics in coagulation-flocculation process for Indian paper industry wastewater Reference No: WST, SCI Journal, February 2012
Saponin mill wastewater treatment by electric-generated Fenton process-Dr. Shao-Yuan Leu (Editor) Editorial Office-Acknowledgement of Refereeing report - IJEWM_30488, SCI Journal, January 2012
Comparison of the trace element contents in bottled and desalinated household drinking water in Kuwait-Prof. Mehmet Emin AYDIN Editor CLEAN - Soil, Air, Water, SCI Journal, December 2011
Degradation of dyes using combined photo-Fenton/activated carbon: Synergistic effect-Prof. Kyoungphile Nam Editor CLEAN - Soil, Air, Water, SCI Journal, August 2011

Metrics

Publication: 85
Citation (WoS): 1018
Citation (Scopus): 1207
H-Index (WoS): 16
H-Index (Scopus): 17

Invited Talks

Su gibi aziz olmak, Seminar, Hikmet Eğitim ve Kültür Vakfı, Turkey, December 2022
Bize Kaç Dünya daha Lazım?, Seminar, BİLAD - Bağlarbaşı İlmi Araştırmalar Derneği, Turkey, November 2019
Fitri Açından İnsan - Çevre İlişkisi, Seminar, Hikmet Eğitim ve Kültür Vakfı, Turkey, January 2019
Endüstriyel Kirlenme ve Kontrolü, Seminar, İstanbul Su Kanalizasyon İdaresi - Hizmet içi Eğitim, Turkey, November 2017
İnsan ve Çevre: Kainattaki Denge, Seminar, Hikmet Eğitim ve Kültür Vakfı, Turkey, February 2017
Üniversite Vizyonu, Seminar, Tenzile Erdoğan Kız Anadolu İmam Hatip Lisesi, Turkey, March 2016
İsraf Yaşamsal Kaynaklarımızı Azaltır ve Kirletir, Seminar, Çınar Yardımlaşma Derneği, Turkey, October 2014
Orta öğrenimde bilimsel motivasyon, Seminar, Pendik Çamlık Orta Okulu, Turkey, April 2012

Awards

Kurt U., TÜBİTAK 2019 YAYIN TEŞVİK ÖDÜLÜ, Tübitak, October 2019
Kurt U., YILDIZ TEKNİK ÜNİVERSİTESİ 2018 YAYIN TEŞVİK ÖDÜLÜ, Yıldız Teknik Üniversitesi 2018 Akademik Ödüller, December 2018
KURT U., 2015 YILI MÜHENDİSLİK BİLİMİ ALANINDA ÇEVİRİ ESER ÖDÜLÜ, TELİF VE ÇEVİRİ ESER (TEÇEP) TÜRKİYE BİLİMLER AKADEMİSİ (TÜBA), 2015, December 2015

Non Academic Experience

TCMEB, Öğretmen
BAŞKAN GIDA SAN., KİMYA MÜHENDİSİ