

## **Assoc. Prof. Uğur KURT**

### **Personal Information**

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### **International Researcher IDs**

ScholarID: SjvyctkAAAAJ

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ScopusID: 6507828333

Yoksis Researcher ID: 174641

### **Education Information**

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

Postgraduate, Yıldız 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 OKSIDASYONU 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**

Associate Professor, Yıldız Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2016 - Continues

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

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

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

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

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

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

2014

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

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

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

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

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

## Advising 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-KOAGÜLYASYON PROSESİ İLE ARITIMİNİN İNCELENMESİ: CEVAP-YÜZYEY METODU İLE OPTİMİZASYONU, Postgraduate, K.KAMACI(Student), 2019

KURT U., ALUMINYUM, 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., Elektrodiyaliz 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

## 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

Apaydın 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 Modellingand Energy Consumption

İlhan F., Ulucan-Altuntas 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 electrodialysis**  
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 electrodialysis-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 electrodialysis 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., Varinca 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

- I. Hexachlorocyclohexane (HCH): Optimization of Mechanochemical Degradation Process by CaO  
 Pelitli V., Kurt U.  
 Politeknik, vol.24, no.2, pp.439-452, 2021 (ESCI)
- II. 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)
- III. 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)
- IV. Sızıntı Sularının Evsel Atıksularla Birlikte Elektrokoagülasyon 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)
- V. 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)
- VI. 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 & Book Chapters

- 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

## Refereed Congress / Symposium Publications in Proceedings

- I. TEKSTİL ENDÜSTRİSİNDE ATIKSU YÖNETİMİ  
İlhan F., Balcioğlu 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 electrodialysis 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 ATIKSUYUNDА ELEKTROKOAGÜLASYON /FLOKÜLASYON YÖNTEMİ İLE BAKIR VE NIKEL GİDERİM PERFORMANSLARININ PILOT ÖLÇEKLİ 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.

- ECOLOGY2018 INTERNATIONAL SYMPOSIUM/KASTAMONU UNIVERSITY, 19 - 23 June 2018
- VII. **İnorganik Atıklar Kullanılarak Hegzaklorosiklohegzan'xxnın 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 Elektrodiyaliz 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 Potantial 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**  
İkizoglu B., Manav Demir N., Arslankaya E., Debik E., Kurt U., İlhan F.  
EURASIA 2014 Waste Management Symposium, İstanbul, Turkey, 28 April 2014, vol.1, pp.978-981
- XII. **Use of the Forward Osmosis Technology in Landfill Leachate Treatment**  
İkizoglu 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
- XIII. **Elektrodiyaliz 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
- XIV. **Refractory Fractions Contrary to Oxidative Degradation in Textile Wastewater**  
KURT U., Doğan C.  
EURASIA WASTE MANAGEMENT SYMPOSIUM/ISTANBUL-2011, 26 - 28 October 2011
- XV. **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/ISTANBUL-2011, İstanbul, Turkey, 14 - 16 November 2011
- XVI. **Treatment of Bilge Water By Electrocoagulation/Electroflootation Process**  
ALTUNTAŞ K., İLHAN F., ÇIKARANOĞLU S., YAZICI GÜVENÇ S., ERKAN H., KURT U.  
eurasia 2011, 14 - 16 November 2011
- XVII. **Treatment of Bilge Water By Electrocoagulation Electroflootation Process Optimization With Response Surface Method**  
Ulucan K., İLHAN F., Çikaranoğlu S., YAZICI S., Sarı H., KURT U.  
Eurasia Waste Management Symposium, 14 - 16 November 2011
- XVIII. **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
- XIX. **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
- XX. **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
- XXI. **Membran Prosesler İçerisinde Elektrodiyaliz 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
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## **Scientific Refereeing**

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Integrated treatment of coke oven wastewater by UV- Fenton with Cu<sup>II</sup> catalysis and aerobic biological process-Dr. Sri Juari Santosa Editor CLEAN - Soil, Air, Water, SCI Journal, August 2012

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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: 77  
Citation (WoS): 973  
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## Invited Talks

Su gibi aziz olmak, Seminar, Hikmet Eğitim ve Kültür Vakfı, Turkey, December 2022  
Bize Kaç Dünya daha Lazım?, Seminar, BİLAD - Bağlarbaşı İlimi Araştırmalar Derneği, Turkey, November 2019  
Fitri Açıdan 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 Kaynaklarını Azaltır ve Kirletir, Seminar, Çınar Yardımlaşma Derneği, Turkey, October 2014  
Orta öğretimde 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 MÜHENDISLIK BİLİMI ALANINDA ÇEVİRİ ESER ÖDÜLÜ, TELIF VE ÇEVİRİ ESER (TEÇEP) TÜRKİYE BİLİMLER AKADEMİSİ (TÜBA), 2015, December 2015

### **Non Academic Experience**

TCMEB

BAŞKAN GIDA SAN.