

Assoc. Prof. Özlem Karahan Özgün

Personal Information

Office Phone: [+90 212 285 7633](tel:+902122857633)

Email: ozlemkarahan@itu.edu.tr

Other Email: ozlemkarahan@itu.edu.tr

Web: <http://akademi.itu.edu.tr/ozlemkarahan/>

Education Information

Doctorate, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, Çevre Mühendisliği Bölümü, Turkey 1997 - 2005

Postgraduate, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, Çevre Mühendisliği Bölümü, Turkey 1995 - 1997

Undergraduate, Boğaziçi Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1989 - 1995

Foreign Languages

English

Dissertations

Doctorate, Substrate storage phenomena in the modeling of activated sludge systems, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Çevre Mühendisliği Anabilim Dalı, 2005

Postgraduate, The assesment of initial inert particulate COD in wasterwaters, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Çevre Mühendisliği Anabilim Dalı, 1997

Research Areas

Environmental Engineering, Environmental Sciences, Environmental Chemistry, Environmental Technology, Waste Water Collection and Treatment, Environmental Impact Assessment, Environmental Modeling, Environmental Management, Industrial and Hazardous Waste Management, Water Pollution and Control, Hazardous Waste Management, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Istanbul Technical University, İnşaat, Çevre Mühendisliği, 2011 - Continues

Assistant Professor, Istanbul Technical University, İnşaat, Çevre Mühendisliği, 2006 - 2011

Research Assistant, Istanbul Technical University, İnşaat, Çevre Mühendisliği, 1998 - 2006

Academic and Administrative Experience

Experimental and Clinical Research Center Deputy Director, Istanbul Technical University, İnşaat, Çevre Mühendisliği, 2004 - 2010

Deputy Head of Department, Istanbul Technical University, İnşaat, Çevre Mühendisliği, 2007 - 2009

Courses

Introduction to Environmental Problems, Undergraduate, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017

Graduation Design Project, Undergraduate, 2016 - 2017

Technical Drawing (CAD) , Undergraduate, 2016 - 2017

Tehlikeli Atıkların Yönetimi, Undergraduate, 2015 - 2016, 2016 - 2017

Hazardous Waste Management, Undergraduate, 2014 - 2015, 2015 - 2016, 2016 - 2017

Bitirme Tasarım Projesi, Undergraduate, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016

Bsc Prclp in Adv Wstwtr Trtmnt , Undergraduate, 2012 - 2013

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Removal of endocrine-disrupting chemicals from textile industry effluents by nanofiltration**
Emek A. D. A. , Yilmazer C. E. , Cinar S., Kiraz O., Paşaoğlu M. E. , Tasdemir R. S. , Ozgun Ö., Koyuncu İ., Citil E., Orhon A. K. , et al.
DESALINATION AND WATER TREATMENT, vol.211, pp.411-421, 2021 (Journal Indexed in SCI)
- II. **Performance of ozone and peroxone on the removal of endocrine disrupting chemicals (EDCs) coupled with cost analysis**
Ölmez Hancı T., Dogruel S., Emek A. D. A. , Yilmazer C. E. , Cinar S., Kiraz O., Citil E., Orhon A. K. , Siltu E., Guçver S. M. , et al.
WATER SCIENCE AND TECHNOLOGY, vol.82, pp.640-650, 2020 (Journal Indexed in SCI)
- III. **Life cycle assessment as a decision support tool in wastewater treatment plant design with renewable energy utilization**
Başkurt M., Kocababuç I., Binici E., Dulekgurgen E., Ozgun O. K. , Taşlı R.
DESALINATION AND WATER TREATMENT, vol.93, pp.229-238, 2017 (Journal Indexed in SCI)
- IV. **Prioritization methodology of dangerous substances for water quality monitoring with scarce data**
Ozgun O. K. , BASAK B., EROPAK C., ABAT S., KIRIM G., GIRGIN E., HANEDAR A., Gunes E., CITIL E., GORGUN E., et al.
CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY, vol.19, no.1, pp.105-122, 2017 (Journal Indexed in SCI)
- V. **Characteristics and biodegradability of olive mill wastewaters**
Karahan Ozgun O., OZKOK I. P. , KUTAY C., ORHON D.
ENVIRONMENTAL TECHNOLOGY, vol.37, no.10, pp.1240-1248, 2016 (Journal Indexed in SCI)
- VI. **Is the naphthalene sulfonate H-acid biodegradable in mixed microbial cultures under aerobic conditions?**
Olmez-Hanci T., Arslan-Alaton I., ORHON D., Karahan Ö., Çokgör E., Insel G.
BIORESOURCETECHNOLOGY, vol.102, no.10, pp.5589-5595, 2011 (Journal Indexed in SCI)
- VII. **Estimation of hazardous waste factors**
Karahan Ö., Taşlı R., Dulekgurgen E., Gorgun E.
DESALINATION AND WATER TREATMENT, vol.26, pp.79-86, 2011 (Journal Indexed in SCI)
- VIII. **Effect of polymeric substrate on sludge settleability**
Martins A. M. P. , KARAHAN O., VAN LOOSDRECHT M. C. M.
WATER RESEARCH, vol.45, no.1, pp.263-273, 2011 (Journal Indexed in SCI)
- IX. **Fate of 2,6-dihydroxybenzoic acid and its inhibitory impact on the biodegradation of peptone under aerobic conditions**
Orhon D., Cokgor E., KATIPOGLU T., INSEL G., KARAHAN Ö.
BIORESOURCETECHNOLOGY, vol.101, no.8, pp.2665-2671, 2010 (Journal Indexed in SCI)
- X. **Inhibition effect of linear alkylbenzene sulphonates on the biodegradation mechanisms of activated sludge**
Karahan O.
BIORESOURCETECHNOLOGY, vol.101, no.1, pp.92-97, 2010 (Journal Indexed in SCI)

- XI. **Validity of Monod kinetics at different sludge ages - Peptone biodegradation under aerobic conditions**
Orhon D., Cokgor E., INSEL G., KARAHAN Ö., KATIPOGLU T.
BIORESOURTE TECHNOLOGY, vol.100, no.23, pp.5678-5686, 2009 (Journal Indexed in SCI)
- XII. **Storage phenomena in relation to carbon sources for denitrification**
Güven D., KARAHAN Ö., Büyükgüngör H., Sözen S.
DESALINATION AND WATER TREATMENT, vol.8, pp.171-176, 2009 (Journal Indexed in SCI)
- XIII. **Biodegradability and Denitrification Potential of Settleable Chemical Oxygen Demand in Domestic Wastewater**
Tas D., KARAHAN Ö., Insel G., OVEZ S., ORHON D., SPANJERS H.
WATER ENVIRONMENT RESEARCH, vol.81, no.7, pp.715-727, 2009 (Journal Indexed in SCI)
- XIV. **Effect of high nitrate concentration on PHB storage in sequencing batch reactor under anoxic conditions**
Ciggin A. S. , KARAHAN O., ORHON D.
BIORESOURTE TECHNOLOGY, vol.100, no.3, pp.1376-1382, 2009 (Journal Indexed in SCI)
- XV. **The effect of mixing pharmaceutical and tannery wastewaters on the biodegradation characteristics of the effluents**
Cokgor E., KARAHAN Ö., ORHON D.
JOURNAL OF HAZARDOUS MATERIALS, vol.156, pp.292-299, 2008 (Journal Indexed in SCI)
- XVI. **Simulating activated sludge system by simple-to-advanced models**
Orhon D., Karahan Ö., Insel G.
JOURNAL OF ENVIRONMENTAL ENGINEERING, vol.134, no.3, pp.227-229, 2008 (Journal Indexed in SCI)
- XVII. **COD fractionation of tannery wastewaters - Particle size distribution, biodegradability and modeling**
Karahan Ö., Doğruel S., Dulekgurgen E., Orhon D.
WATER RESEARCH, vol.42, pp.1083-1092, 2008 (Journal Indexed in SCI)
- XVIII. **Simultaneous storage and utilization of polyhydroxyalkanoates and glycogen under aerobic conditions**
Karahan O., ORHON D., VAN LOOSDRECHT M. C. M.
WATER SCIENCE AND TECHNOLOGY, vol.58, no.4, pp.945-951, 2008 (Journal Indexed in SCI)
- XIX. **Effect of feeding pattern on biochemical storage by activated sludge under anoxic conditions**
Ciggin A. S. , KARAHAN O., ORHON D.
WATER RESEARCH, vol.41, no.4, pp.924-934, 2007 (Journal Indexed in SCI)
- XX. **Substrate storage concepts in modeling activated sludge systems for tannery wastewaters**
DIZDAROGLU-RISVANOGLU G., KARAHAN Ö., Cokgor E., Orhon D., VAN LOOSDRECHT M. C. M.
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.42, no.14, pp.2159-2166, 2007 (Journal Indexed in SCI)
- XXI. **Critical appraisal of respirometric methods for metal inhibition on activated sludge**
Cokgor E., WDEMIR S., KARAHAN Ö., INSEL G., ORHON D.
JOURNAL OF HAZARDOUS MATERIALS, vol.139, no.2, pp.332-339, 2007 (Journal Indexed in SCI)
- XXII. **Effect of biochemical storage on the denitrification potential of acetate in sequencing batch reactors**
Ciggin A. S. , KARAHAN O., ORHON D.
WATER SCIENCE AND TECHNOLOGY, vol.55, no.10, pp.261-268, 2007 (Journal Indexed in SCI)
- XXIII. **Respirometric assessment of biodegradation characteristics of the scientific pitfalls of wastewaters**
Orhon D., Insel G., Karahan Ö.
WATER SCIENCE AND TECHNOLOGY, vol.55, no.10, pp.1-9, 2007 (Journal Indexed in SCI)
- XXIV. **Unified basis for the respirometric evaluation of inhibition for activated sludge**
Insel G., KARAHAN Ö., OZDEMIR S., PALA L., KATIPOGLU T., Cokgor E., ORHON D.
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.41, no.9, pp.1763-1780, 2006 (Journal Indexed in SCI)
- XXV. **Effect of perozone on biodegradability and toxicity of a penicillin formulation effluent**
Cokgor E., KARAHAN Ö., ARSLAN-ALATON I., MERIC S., SARUHAN H., ORHON D.

- JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.41, no.9, pp.1887-1897, 2006 (Journal Indexed in SCI)
- XXVI. **Modeling the utilization of starch by activated sludge for simultaneous substrate storage and microbial growth**
Karahan O., VAN LOOSDRECHT M., ORHON D.
BIOTECHNOLOGY AND BIOENGINEERING, vol.94, no.1, pp.43-53, 2006 (Journal Indexed in SCI)
- XXVII. **Experimental evaluation of starch utilization mechanism by activated sludge**
Karahan O., MARTINS A., ORHON D., VAN LOOSDRECHT M.
BIOTECHNOLOGY AND BIOENGINEERING, vol.93, no.5, pp.964-970, 2006 (Journal Indexed in SCI)
- XXVIII. **Size distribution of wastewater COD fractions as an index for biodegradability**
Dulekgurgen E., Dogruel S., KARAHAN Ö., ORHON D.
WATER RESEARCH, vol.40, no.2, pp.273-282, 2006 (Journal Indexed in SCI)
- XXIX. **Biological treatability of raw and ozonated synthetic penicillin formulation effluent**
Cokgor E., KARAHAN Ö., Arslan-Alaton I., SARUHAN H., ORHON D.
WATER SCIENCE AND TECHNOLOGY, vol.52, pp.89-96, 2005 (Journal Indexed in SCI)
- XXX. **Biological treatability of raw and ozonated penicillin formulation effluent**
Cokgor E., ALATON I., KARAHAN Ö., DOGRUEL S., ORHON D.
JOURNAL OF HAZARDOUS MATERIALS, vol.116, pp.159-166, 2004 (Journal Indexed in SCI)
- XXXI. **Performance of magnesium ammonium phosphate precipitation and its effect on biological treatability of leather tanning industry wastewaters**
Tunay C., ZENGİN G., Kabdash I., KARAHAN Ö.
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.39, no.7, pp.1891-1902, 2004 (Journal Indexed in SCI)
- XXXII. **Biodegradability improvement of penicillin formulation effluent by ozonation**
Cokgor E., Arslan-Alaton I., KARAHAN Ö., DOGRUEL S., ORHON D.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.13, no.10, pp.1053-1056, 2004 (Journal Indexed in SCI)
- XXXIII. **Estimation of stoichiometric and kinetic coefficients of ASM3 under aerobic and anoxic conditions via respirometry**
Avcioglu E., Karahan-Gul Ö., Orhon D.
WATER SCIENCE AND TECHNOLOGY, vol.48, no.8, pp.185-194, 2003 (Journal Indexed in SCI)
- XXXIV. **Modification of Activated Sludge Model no. 3 considering direct growth on primary substrate**
Karahan-Gul Ö., van Loosdrecht M., Orhon D.
WATER SCIENCE AND TECHNOLOGY, vol.47, no.11, pp.219-225, 2003 (Journal Indexed in SCI)
- XXXV. **Scientific basis for the design of small activated sludge systems**
Orhon D., Karahan-Gul Ö., Sozen S., Artan N.
WATER SCIENCE AND TECHNOLOGY, vol.48, pp.15-22, 2003 (Journal Indexed in SCI)
- XXXVI. **Wastewater reuse for the minimization of fresh water demand in coastal areas - Selected cases from the textile finishing industry**
ORHON D., Kabdasli I., Babuna F. F. , Sozen S., DULKADIROGLU H., Dogruel S., Gul Ö., Insel G.
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.38, no.8, pp.1641-1657, 2003 (Journal Indexed in SCI)
- XXXVII. **Effect of ozonation on the biological treatability of a textile mill effluent**
Karahan O., DULKADIROGLU H., Kabdasli I., Sozen S., Babuna F. F. , ORHON D.
ENVIRONMENTAL TECHNOLOGY, vol.23, no.12, pp.1325-1336, 2002 (Journal Indexed in SCI)
- XXXVIII. **Experimental assessment of bacterial storage yield**
Karahan-Gul Ö., Artan N., Orhon D., Henze M., van Loosdrecht M.
JOURNAL OF ENVIRONMENTAL ENGINEERING, vol.128, no.11, pp.1030-1035, 2002 (Journal Indexed in SCI)
- XXXIX. **Respirometric assessment of storage yield for different substrates**
Karahan-Gul Ö., Artan N., Orhon D., Henze M., van Loosdrecht M.
WATER SCIENCE AND TECHNOLOGY, vol.46, pp.345-352, 2002 (Journal Indexed in SCI)
- XL. **Biological treatability of a corn wet mill effluent**

Eremektar G., Karahan-Gul Ö., Germirli-Babuna F. F. , Ovez S., UNER H., ORHON D.

WATER SCIENCE AND TECHNOLOGY, vol.45, no.12, pp.339-346, 2002 (Journal Indexed in SCI)

XLII. Important limitations in the modeling of activated sludge: biased calibration of the hydrolysis process

Insel G., Gul Ö., ORHON D., VANROLLEGHEM P., HENZE M.

WATER SCIENCE AND TECHNOLOGY, vol.45, no.12, pp.23-36, 2002 (Journal Indexed in SCI)

XLIII. A scientific approach to wastewater recovery and reuse in the textile industry

ORHON D., Babuna F. F. , Kabdasli I., Insel F., Karahan Ö., DULKADIROGLU H., Dogruel S., SEVIMLI F., YEDILER A.

WATER SCIENCE AND TECHNOLOGY, vol.43, no.11, pp.223-231, 2001 (Journal Indexed in SCI)

XLIV. Industrial wastewater management for recycle and reuse - A case study for the textile industry

Karahan O., Insel G., DULKADIROGLU H., Kabdasli I., YEDILER A., ORHON D., KETTRUP A.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.9, pp.314-321, 2000 (Journal Indexed in SCI)

XLV. The effect of residual microbial products on the experimental assessment of the particulate inert cod in wastewaters

Orhon D., KARAHAN O., SOZEN S.

WATER RESEARCH, vol.33, no.14, pp.3191-3203, 1999 (Journal Indexed in SCI)

Articles Published in Other Journals

I. Follow-up on Assessment of Student Outcomes by Senior-Year Design Project and Continuing to Improve by Performance Indicator Breakdown-Based Assessment

Dulekgurgen E., Yangin-Gomec C., Ozgun O. K. , Aydın B., Guven H.

INTERNATIONAL JOURNAL OF ENGINEERING PEDAGOGY, vol.8, pp.19-28, 2018 (Journal Indexed in ESCI)

II. Case studies from Turkey: Xenobiotic-containing industries, wastewater treatment and modeling

Pehlivanoglu-Mantas E., Insel G., Karahan Ö., Çokgör E., ORHON D.

Water, Air, and Soil Pollution: Focus, vol.8, no.5-6, pp.519-528, 2008 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

I. Biodegradation of a tannery and chemical plant producing asetilsalisilikat wastewater mixture

Çokgör E., Karahan Ö., Orhon D.

International Conference on Environment: Survival and Sustainability, Nicosia, Cyprus (Gkry), 19 - 24 February 2007, pp.1117-1125

II. Minimization of environmental impacts in gold mining

Karahan Ö., Yağcı N., Orhon D.

23rd International Mineral Processing Congress, IMPC 2006, İstanbul, Turkey, 3 - 08 September 2006, pp.2445-2450

Supported Projects

Karahan Özgün Ö., Dülekğürgen E., H2020 Project, Safe and sustainable solutions for the integrated use of non-conventional water resources in the mediterranean agricultural sector, 2019 - 2022

Karahan Özgün Ö., Project Supported by Higher Education Institutions, AKTİF ÇAMUR SİSTEMLERİ İÇİN DİNAMİK SİMÜLASYON PROGRAMI TASARIMI, 2017 - 2021

Karahan Özgün Ö., Arıkan O. A. , Technopark, Elmalı 1-2 Barajı Havzası Koruma Planı Çalışması, 2018 - 2019

Karahan Özgün Ö., Aydın A. F. , Technopark, Su Kaynaklarının Sürdürülebilir Yönetimi için Ülkemize Özgü Hidrolojik, Su Kalitesi ve Ekolojik Modelleme Araçlarının Geliştirilmesi Projesi (HİDROTÜRK), 2016 - 2019

Karahan Özgün Ö., TÜBİTAK - AB COST Project, New and emerging challenges and opportunities in wastewater reuse

(NEREUS), 2017 - 2018

Karahan Özgün Ö., Technopark, Endokrin bozucu kimyasallar ve arıtma teknolojilerinin araştırılması, 2016 - 2018

Karahan Özgün Ö., Project Supported by Higher Education Institutions, Current Waste Electrical and Electronic Equipment (WEEE) Collection Performance in Turkey - Türkiye'de güncel atk elektrikli ve elektronik eşya (AEEE) toplama performansı, 2016 - 2018

Karahan Özgün Ö., Project Supported by Higher Education Institutions, Zeytinyağı Karasuyunun Kimyasal ve Biyolojik Arıtımının Respirometrik Değerlendirilmesi, 2014 - 2018

Karahan Özgün Ö., Project Supported by Higher Education Institutions, Biodegradation and Inhibition Mechanisms of Nonylphenol Ethoxylate in Activated Sludge Systems/Aktif Çamur Sistemlerinde Nonilfenol Etoksitalin Biyolojik Ayrışma ve İnhibisyon Mekanizmaları, 2012 - 2018

Karahan Özgün Ö., Project Supported by Higher Education Institutions, impact of anaerobic hydrolysis on the biodegradable cod fractions of brewery wastewater, 2010 - 2018

Karahan Özgün Ö., Project Supported by Higher Education Institutions, TEHLİKELİ ATIK FAKTÖRLERİNİN BELİRLENMESİ, 2009 - 2018

Karahan Özgün Ö., Project Supported by Higher Education Institutions, Polihidroksialkanotlar ile Glikojenin Aktif Çamur Sistemlerinde Simültane Olarak Depolanması, 2008 - 2018

Karahan Özgün Ö., Project Supported by Higher Education Institutions, Predenitrifikasyon sistemlerinin ASM3 Modeli İle Tasarımı, 2006 - 2018

Karahan Özgün Ö., Technopark, Özel Bir Hastaneler Grubu Bahçelievler Hastane Yatırımı Çevresel Ve Sosyal Etki Değerlendirmesi, 2017 - 2017

Karahan Özgün Ö., Project Supported by Other Private Institutions, İsterler Doğrultusunda Yatırımların Çevresel ve Sosyal Ön Etkilerinin Araştırılması ve Değerlendirilmesi, 2016 - 2016

Karahan Özgün Ö., Project Supported by Other Private Institutions, İsterler Doğrultusunda Eskalasyon Formülü Oluşturulması, 2016 - 2016

Karahan Özgün Ö., Project Supported by Higher Education Institutions, Atıksu Arıtma Tesislerinin Model Programı Desteği ile İyileştirilmesi ve Optimizasyonu, 2014 - 2016

Karahan Özgün Ö., Project Supported by Higher Education Institutions, Zeytinyağı Endüstrisi Karasularının Biyolojik Arıtılabilirliğinin İncelenmesi ve Kimyasal Proseslerle İyileştirilmesi, 2009 - 2016

Karahan Özgün Ö., Project Supported by Other Private Institutions, TUNÇBİLEK VE ORHANELİ TERMİK SANTRALLERİÇEVRESEL YÜKÜMLÜLÜKLERİN DEĞERLENDİRİLMESİ ÇALIŞMASI, 2015 - 2015

Karahan Özgün Ö., Görgün H. E. , Technopark, Tehlikeli Maddelerin Kontrolüne İlişkin Proje, 2011 - 2013

Karahan Özgün Ö., Project Supported by Higher Education Institutions, Arıtma Çamuru Kullanan İki Bölmeli Mikrobiyal Yakıt Hücrelerinde Karbon Giderimi ve Elektrik üretimi, 2010 - 2013

Karahan Özgün Ö., Project Supported by Higher Education Institutions, Mikrobiyal Yakıt Hücrelerinde Nişastanın Sübstrat Olarak Kullanıldığı Şartlarda Karbon Giderimi ve Elektrik üretimi, 2010 - 2013

Karahan Özgün Ö., Project Supported by Higher Education Institutions, Asetat Kullanan İki Bölmeli Mikrobiyal Yakıt Hücrelerinde Karbon giderimi ve elektrik üretimi, 2010 - 2013

Karahan Özgün Ö., Project Supported by Higher Education Institutions, Değişik Karbon Kaynaklarında Çalıştırılan Aktif Çamur Sistemlerinde Farklı Çamur Yaşlarında Çoğalma ve Depolama Kinetiği, 2009 - 2013

Dülekürge E., Karahan Özgün Ö., TUBİTAK Project, "A New Approach in Industrial Wastewater Treatment: Aerobic Granular Activated Sludge Technology", TUBİTAK Starting Grant, Project No: 108Y313, 2009 - 2012

Karahan Özgün Ö., Arslan Alaton İ., Ölmez Hancı T., TUBİTAK Project, Endüstriyel yüzey aktiflerin, aril sülfonatların ve bunların ileri oksidasyon ürünlerinin toksisitelerinin respirometrik araçlarla tayin edilmesi, 2008 - 2010

Karahan Özgün Ö., Sözen S., Project Supported by Higher Education Institutions, İleri biyolojik atıksu tesislerinin tasarım kriterlerinin incelenmesi ve model bazlı proses optimizasyonu, 2008 - 2009

Karahan Özgün Ö., Çokgör E., TUBİTAK - AB COST Project, Xenobiotics in the urban water cycle , 2005 - 2009

Karahan Özgün Ö., Çakar Z. P. , FP6 Project, Novel sustainable bioprocesses for European colour industries, 2004 - 2008

Karahan Özgün Ö., Övez S., TUBİTAK Project, Filamentli bakterilerin neden olduğu kabarma ve köpük problemi ve popülasyon dinamiğine olan etkileri: Deri Endüstrisi Aktif Çamur Arıtma Sistemi, 2003 - 2006

Karahan Özgün Ö., Arslan Alaton İ., Ölmez Hancı T., TUBİTAK Project, İleri oksidasyon proseslerinin ilaç endüstrisi atıksularından organik madde giderim hızına ve zehirliliğine etkilerinin araştırılması, 2002 - 2004

Karahan Özgün Ö., Orhon D., Project Supported by Higher Education Institutions, Sübstrat bileşimi ve besleme biçimlerinin biyokimyasal depolama üzerindeki etkileri, 2002 - 2004

Karahan Özgün Ö., Babuna F. F. , TUBITAK Project, Tekstil endüstrisi yünlü kumaş son işlemlerinde geri kazanım ve yeniden kullanım, 2000 - 2002

Karahan Özgün Ö., Sözen S., TUBITAK Project, Aktif çamur sistemlerinin depolama kavramı ile uyumlu modellenmesi, 2000 - 2002

Karahan Özgün Ö., İskender F. G. , TUBITAK Project, Yaş yöntemle mısır öğütme atıksularının arıtılabilirliği, 2000 - 2001

Karahan Özgün Ö., Orhon D., TUBITAK Project, İçsel solunum ve fermentasyon ürünlerinin karbon kaynağı olarak kullanıldığı ortamlarda denitrifikasyon kinetiği, 1997 - 2001

Karahan Özgün Ö., Orhon D., Civil Society Organizations of Other Countries Supported Project, Appropriate technologies for the minimization of environmental impact from industrial wastewaters Textile industry a case study, 1997 - 2000

Memberships / Tasks in Scientific Organizations

Turkish National Committee on Water Pollution Research and Control (SKATMK), Secretary General, 2010 - Continues, Turkey

International Water Association (IWA), Member, 2000 - Continues, England

Kimya Mühendisleri Odası, Member, 1995 - Continues, Turkey

Citations

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