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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAC-5921-2020

ScopusID: 57201477674

Yoksis Researcher ID: 115746

Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği (Dr), Turkey 1997 - 2006

Postgraduate, University of Illinois at Urbana-Champaign, Graduate College, Environmental Sciences İn Civil Engineering, Environmental Science İn Civil Engineering (Msc), United States Of America 1995 - 1997

Undergraduate, Istanbul Technical University, İnşaat Fakültesi, Çevre Mühendisliği Bölümü, Turkey 1989 - 1993

Foreign Languages

English

Dissertations

Doctorate, Hydraulic-and/or metabolic-selection pressures influenced aerobic granulation and its application in enhanced biological phosphorus removal (EBPR), İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Çevre Bilimleri Ve Mühendisliği (Dr), 2006

Postgraduate, Microbial Population Dynamics in Sequencing Batch Reactors for Biological Phosphorus Removal Using Ribosomal RNA Sequence Analyses and Oligonucleotide Probe Hybridizations, University Of Illinois At Urbana-Champaign, Graduate College, Environmental Sciences İn Civil Engineering, 1997

Research Areas

Test and Measurement in Education, Edicational Administration and Curriculum Development, Environmental Engineering, Environmental Sciences, Environmental Microbiology, Environmental Technology, Waste Water Collection and Treatment, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Istanbul Technical University, İnşaat, Çevre Mühendisliği, 2017 - Continues

Assistant Professor, Istanbul Technical University, İnşaat, Çevre Mühendisliği, 2010 - 2017

Assistant Professor, Pamukkale University, Faculty Of Engineering, Department Of Environmental Engineering, 2007 - 2010

Research Assistant, Istanbul Technical University, Fen Bilimleri Enstitüsü, Environmental Engineering, 1999 - 2007

Research Assistant, Pamukkale University, Faculty Of Engineering, Department Of Environmental Engineering, 1997 - 1999

Academic and Administrative Experience

Bölüm Kalite Komisyonu Üyesi, Istanbul Technical University, İnşaat, Çevre Mühendisliği, 2020 - Continues

Rektörlük Kalite Komisyonu Üyesi, Istanbul Technical University, 2020 - Continues

Coordinator of The Rectorate, Istanbul Technical University, 2015 - Continues

Board member, Istanbul Technical University, 2015 - 2020

Vice Dean, Istanbul Technical University, Öğrenci Dekanlığı (Ödek), 2015 - 2020

Rectorate Commissioner, Istanbul Technical University, 2015 - 2020

Bölüm Kalite Komisyonu Üyesi, Istanbul Technical University, İnşaat, Çevre Mühendisliği, 2013 - 2018

İstanbul Teknik Üniversitesi, İnşaat Fakültesi, Çevre Mühendisliği Bölümü, 2013 - 2015

Pamukkale Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2008 - 2010

Pamukkale Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2007 - 2010

Courses

ENB614E Advances in Environmental Bioprocess Technology, Doctorate, 2020 - 2021

CEV304E Unit Operations and Processes Laboratory, Undergraduate, 2020 - 2021

CEV304E Unit Operations and Processes Laboratory, Undergraduate, 2020 - 2021

Jury Memberships

Post Graduate, Yüksek Lisans Tezi Savunma Jürisi, İstanbul Üniversitesi, June, 2016

Doctorate, Doktora Tezi Savunma Jürisi, Pamukkale Üniversitesi, April, 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Resource recovery from an aerobic granular sludge process treating domestic wastewater**
Karakas I., Sam S. B., Cetin E., Dulekgürgen E., Yilmaz G.
JOURNAL OF WATER PROCESS ENGINEERING, vol.34, 2020 (SCI-Expanded)
- II. **Effects of high-concentration influent suspended solids on aerobic granulation in pilot-scale sequencing batch reactors treating real domestic wastewater**
Çetin E., Karakaş E., Dulekgürgen E., Övez S., Kolukırık M., Yılmaz G.
WATER RESEARCH, vol.131, pp.74-89, 2018 (SCI-Expanded)
- III. **Life cycle assessment as a decision support tool in wastewater treatment plant design with renewable energy utilization**
Başkurt M., Kocababuş I., Binici E., Dulekgürgen E., Ozgun O. K., Taşlı R.
DESALINATION AND WATER TREATMENT, vol.93, pp.229-238, 2017 (SCI-Expanded)
- IV. **Characterization of exopolysaccharides from floccular and aerobic granular activated sludge as alginate-like-exoPS**
Sam S. B., Dulekgürgen E.
DESALINATION AND WATER TREATMENT, vol.57, pp.2534-2545, 2016 (SCI-Expanded)

- V. **Improving the settling properties of activated sludge by gradually decreasing the settling time**
Sadrzadeh F., Dulekgurgen E.
DESALINATION AND WATER TREATMENT, vol.52, pp.2465-2471, 2014 (SCI-Expanded)
- VI. **Research potential of doctoral studies on environmental sciences and engineering**
Ciggin A. S., PALA I., KATIPOGLU T., Dulekgurgen E., MERIC S., ORHON D.
DESALINATION AND WATER TREATMENT, vol.26, pp.3-13, 2011 (SCI-Expanded)
- VII. **Conceptual basis for the appropriate design of biological wastewater treatment systems: drawbacks of existing prescriptions**
Insel G., Dulekgurgen E., SOZEN S., ORHON D.
DESALINATION AND WATER TREATMENT, vol.26, pp.104-110, 2011 (SCI-Expanded)
- VIII. **Estimation of hazardous waste factors**
Karahan Ö., Taslı R., Dulekgurgen E., Gorgun E.
DESALINATION AND WATER TREATMENT, vol.26, pp.79-86, 2011 (SCI-Expanded)
- IX. **Experimental evaluation and model assessment of coexistence of PAOs and GAOs**
Yağcı N., Dulekgurgen E., Artan N., Orhon D.
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.46, pp.968-979, 2011 (SCI-Expanded)
- X. **Assessment of Organic Carbon Removal by Particle Size Distribution Analysis**
Arslan-Alaton I., OLMEZ-HANCI T., Dulekgurgen E., ORHON D.
ENVIRONMENTAL ENGINEERING SCIENCE, vol.26, no.7, pp.1239-1248, 2009 (SCI-Expanded)
- XI. **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 (SCI-Expanded)
- XII. **How does shear affect aggregation in granular sludge sequencing batch reactors? Relations between shear, hydrophobicity, and extracellular polymeric substances**
Dulekgurgen E., Artan N., ORHON D., WILDERER P. A.
WATER SCIENCE AND TECHNOLOGY, vol.58, no.2, pp.267-276, 2008 (SCI-Expanded)
- XIII. **EFFECT OF CHEMICAL TREATMENT ON THE AROMATIC CARBON CONTENT AND PARTICLE SIZE DISTRIBUTION-BASED ORGANIC MATTER PROFILE OF OLIVE MILL WASTEWATERS**
OLMEZ-HANCI T., Dulekgurgen E., Arslan-Alaton I., orhon D.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.17, pp.1790-1795, 2008 (SCI-Expanded)
- XIV. **Effect of chemical and biological treatment on COD fingerprints of textile wastewaters**
Dulekgurgen E., Dogruel S., ORHON D.
WATER SCIENCE AND TECHNOLOGY, vol.55, no.10, pp.277-287, 2007 (SCI-Expanded)
- XV. **Effect of ozonation on chemical oxygen demand fractionation and color profile of textile wastewaters**
Dogruel S., Dulekgurgen E., Orhon D.
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.81, pp.426-432, 2006 (SCI-Expanded)
- XVI. **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 (SCI-Expanded)
- XVII. **Enhanced biological phosphate removal by granular sludge in a sequencing batch reactor**
Dulekgurgen E., Ovez S., Artan N., Orhon D.
BIOTECHNOLOGY LETTERS, vol.25, pp.687-693, 2003 (SCI-Expanded)
- XVIII. **Conventional morphological and functional evaluation of the microbial populations in a sequencing batch reactor performing EBPR**
Dulekgurgen E., YESILADALI K., OVEZ S., TAMERLER C., ARTAN N., ORHON D.
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.38, no.8, pp.1499-1515, 2003 (SCI-Expanded)
- XIX. **Bioaugmentation of sequencing batch reactors for biological phosphorus removal: Comparative rRNA sequence analysis and hybridization with oligonucleotide probes**

Oerther D., DANALEWICH J., Dulekgurgen E., LEVEQUE E., FREEDMAN D., RASKIN L.
WATER SCIENCE AND TECHNOLOGY, vol.37, pp.469-473, 1998 (SCI-Expanded)

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 (ESCI)
- II. **Development and Application of a Rubric Specific for the Senior Year Graduation Design Projects for Assessing Learning Outcomes**
Gömeç Ç., Mutlu B., Dülekğürgen E., Öztürk İ., Tanık A. G.
Iberoamerican Journal of Project Management, vol.7, no.1, pp.47-61, 2016 (Peer-Reviewed Journal)
- III. **A Final Touch for the Environmental Engineering Students at the Onset of their Profession: Senior-Year Graduation Design Project - Case Study for 2014-2015**
Dulekgurgen E., Ozgun O. K., Yuksek G., Pasaoglu M. E., Unalan C., Bicer O. B., Cetinkaya Z., Isik I., Oner B. E.
INTERNATIONAL JOURNAL OF ENGINEERING PEDAGOGY, vol.6, no.2, pp.23-29, 2016 (ESCI)
- IV. **Endüstriyel Atıksuların KOİ Bileşenleri ve Biyolojik Arıtılabilirlikleri Tekstil ve Bira Endüstrisi Örnekleri**
Karlikovate A., Karahan Özgün Ö., Dülekğürgen E.
İTÜ Dergisi/E: Su Kirlenmesi Kontrolü, vol.22, no.1, pp.3-10, 2012 (Peer-Reviewed Journal)
- V. **İleri biyolojik atıksu arıtma tesislerinde model bazlı proses optimizasyonu**
Sözen S., ORHON D., COKGOR E. U., INSEL G., KARAHAN O., Yağcı N., DOGRUEL S., EMEL ZENGİN BALCI G., Ölmez Hancı T., Okutman Taş D., et al.
itüdergisi/e, vol.19, pp.101-110, 2009 (Peer-Reviewed Journal)
- VI. **Biyolojik Aşırı Fosfor Giderimine Çalışan Aerobik Granüler Biyokütlenin Mikrobiyolojik Özellikleri**
Dülekğürgen E., Artan N., Orhon D.
İTÜ Dergisi/E: Su Kirlenmesi Kontrolü, vol.16, pp.123-133, 2006 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Significance of Outcome-Based Assessment and Evaluation-Centered Performance Indicators for Continuous Quality Improvement of Engineering Education**
OKUTMAN TAŞ D., DÜLEKGÜRGEN E., ZENGİN BALCI G. E., KAYNAK TEZEL B., GÖMEÇ Ç.
in: Engineering Pedagogy Towards Outcome-Based Education, Kumar Kaushik, Editor, Taylor & Francis Group, pp.83-106, 2022
- II. **Chapter 10 Curriculum Mapping for Attainment of Student Outcomes from the Perspectives of Senior-Year Students and Instructors**
DÜLEKGÜRGEN E., GÖMEÇ Ç., OKUTMAN TAŞ D.
in: Engineering Pedagogy Towards Outcome-Based Education, Kumar Kaushik, Editor, CRC Press is an imprint of Taylor & Francis Group, LLC, Boca Raton, FL, pp.153, 2022
- III. **Morphological and Physiological Features of an Aerobic Granular EBPR Biomass Fed with Propionate**
Dülekğürgen E., Artan N., Orhon D.
in: Survival and Sustainability. Environmental Earth Sciences, Gökçekus H., Türker U., LaMoreaux J., Editor, Springer, London/Berlin, Berlin, pp.1327-1341, 2011
- IV. **The Effect of Sludge History on Aerobic Sludge Stabilization Efficiency**
İnsel H. G., Gökçekuş H., Sözen S., Dülekğürgen E., Orhon D.
in: Survival and Sustainability. Environmental Earth Sciences, Gökçekus H., Türker U., LaMoreaux J., Editor, Springer,

London/Berlin , Berlin, pp.1321-1326, 2011

- V. **11. Endüstriyel Kirlenme Kontrolü Sempozyumu Bildiriler Kitabı**
Gömeç Ç., Toröz İ., Yağcı N., Dulekgurgen E., Ersahin E., ARIKAN O. A., Dereli R. K.
İTÜ Yayınları, İstanbul, 2008

Refereed Congress / Symposium Publications in Proceedings

- I. **International Accreditation as a Means of Improving Engineering Education: the ITU – ABET Experience**
DÜLEKGÜRGEN E., TAPTIK İ. Y., AYDIN A. F., KARACA M.
BUA2019, Balkan Universities Association, 2019 Conference, Selanik, Greece, 16 - 18 April 2019, pp.134-140
- II. **Power of Continuous-Knowledge-Sharing in Preparing for Successful Accreditation Reviews**
DÜLEKGÜRGEN E., TAPTIK İ. Y., AYDIN A. F., HOSNI M.
BUA2019, Balkan Universities Association, 2019 Conference, Selanik, Greece, 16 - 18 April 2019, pp.146-152
- III. **Follow-up on rubric-based assessment of student outcomes by senior-year graduation design project and continuing to improve by performance indicator breakdown-based assessment**
Dülekğürgen E., Yangin-Gomec C., Karahan Özgün Ö., Aydın B., Guven H.
20th International Conference on Interactive Collaborative Learning, ICL 2017, Budapest, Hungary, 27 - 29 September 2017, vol.716, pp.184-190
- IV. **Zero-discharge from a process treating domestic wastewater**
Kahraman I., DÜLEKGÜRGEN E., YILMAZ G.
4th Water Research Conference: The role of water technology innovation in the blue economy, Waterloo, Ontario, Canada, 10 - 13 September 2017
- V. **Life Cycle Assessment as a Decision Support Tool in Wastewater Treatment Plant Design with Renewable Energy Utilization and Water Recycling Reuse**
Başkurt M., Kocababuç I., Binici E., KARAHAN ÖZGÜN Ö., TAŞLI R., DÜLEKGÜRGEN E.
3rd International Conference on Recycling and Reuse, İstanbul, Turkey, 28 - 30 September 2016, pp.167-171
- VI. **Mechanism of biopolymer formation in a dual substrate fed activated sludge system**
KARAHAN ÖZGÜN Ö., KARLİKANNOVAİTE A., SADRZADEH F., DÜLEKGÜRGEN E.
1st International Conference on Bioresource Technology, Sitges, Spain, 23 - 26 October 2016
- VII. **Potential of wastewater treatment systems as bioresources biopolymers of floccular and aerobic granular activated sludge**
DÜLEKGÜRGEN E., Sam S. B.
1st Int Conference on Bioresource Technology for Bioenergy, Bioproducts & Environmental Sustainability, Sitges, Spain, 23 - 26 October 2016
- VIII. **Changing Perception of Biological Wastewater Treatment a Burden or a Sustainable Solution Comparative Carbon Accounting and LCA Analyses**
DÜLEKGÜRGEN E., KARAHAN ÖZGÜN Ö., Ünalın C., Işık İ., Öner B. E., Çetinkaya Z., Biçer O. B.
1st Int Conference on Bioresource Technology for Bioenergy, Bioproducts & Environmental Sustainability, Sitges, Spain, 23 - 26 October 2016
- IX. **A Final Touch for the Environmental Engineering Students at the Onset of their Profession Senior Year Graduation Design Project Case Study for 2014 2015 Feasibility Study for and Design of a Biological Wastewater Treatment Plant for Duzce Province Marmara Region Turkey ARITİYOR ENvirCo**
DÜLEKGÜRGEN E., KARAHAN ÖZGÜN Ö., YÜKSEK G., PAŞAOĞLU M. E., ÜNALAN C., BİÇER O. B., ÇETİNKAYA Z., IŞIK İ., ÖNER B. E.
WEEF World Engineering Education Forum, Engineering Education for a Resilient Society, Floransa, Italy, 20 - 24 September 2015
- X. **A Final Touch for the Environmental Engineering Students at the Onset of their Profession: Senior-Year Graduation Design Project - Case Study for 2014-2015 Feasibility Study for and Design of a**

Biological Wastewater Treatment Plant for Duzce Province- Marmara Region, Turkey - ARITIYOR ENvirCo.

Dülekürgen E., Karahan Özgün Ö., Yüksek G., Paşaoğlu M. E., Unalan C., Bicer O. B., Cetinkaya Z., Isik I., Oner B. E.
Proceedings of 2015 International Conference on Interactive Collaborative Learning, Firenze, Italy, 20 - 24
September 2015, pp.964-969

- XI. **Case study on rubric based assessments for senior year Graduation Design Project and recommendations for improving the assessment tools**
DÜLEKGÜRGEN E., KARAHAN ÖZGÜN Ö., GÖMEÇ Ç., Ünal C.
2nd International Congress on Education, Innovation and Learning Technologies, Granada, Spain, 21 - 23
September 2015
- XII. **Development and application of a rubric specific for the senior-year Graduation Design Projects for assessing learning outcomes**
GOMEÇ C. Y., Köse B., Dulekgurgen E., Öztürk İ., TANIK A. G.
International Congress on Education, Innovation and Learning Technolog, Granada, Spain, 21 - 23 September
2015, pp.47-61
- XIII. **Characterization of EPS ExoPS of floccular and aerobic granular sludge and similarities with alginate**
Sam S. B., DÜLEKGÜRGEN E.
IWA Conference, The Perfect Slime - Nature, Properties, Regulation and Dynamics of EPS, 10 - 12 September 2014,
pp.67
- XIV. **Intracellular Carbon Storage Phenomena of a Biomass Exhibiting Improved Settling Properties**
Sadrazadeh F., KARAHAN ÖZGÜN Ö., DÜLEKGÜRGEN E.
MESAEP2013-17th International Symposium on Environmental Pollution and its Impact on Life in the
Mediterranean Region, 28 September - 01 October 2013, pp.256
- XV. **Morphological and Physiological Features of an Aerobic Granular EBPR Biomass Fed with Propionate**
Dulekgurgen E., ARTAN N., ORHON D.
International Conference on Environment: Survival and Sustainability, Nicosia, CYPRUS, 19 - 24 February 2007,
pp.1327-1341
- XVI. **The Effect of Sludge History on Aerobic Sludge Stabilization Efficiency**
Insel G., GOKCEKUS H., Sozen S., Dulekgurgen E., ORHON D.
International Conference on Environment: Survival and Sustainability, Nicosia, CYPRUS, 19 - 24 February 2007,
pp.1321-1326
- XVII. **Impact of anaerobic and aerobic biological treatment on the PSD based COD fingerprints of industrial wastewaters the brewery case**
DÜLEKGÜRGEN E.
IWA THE WATER RESEARCH CONFERENCE, LİZBON, Portugal, 11 - 14 April 2010
- XVIII. **Impact of anaerobic and aerobic biological treatment on the PSD based COD fingerprints of industrial wastewaters the brewery case**
Dülekürgen E.
IWA Water Research Conference, Lisbon, Portugal, 11 - 14 April 2010
- XIX. **Impact of anaerobic hydrolysis on the biodegradable COD fractions of brewery wastewater**
Karahan Özgün Ö., Dülekürgen E., Karlikanovaite A.
IWA Water Research Conference, Lisbon, Portugal, 11 - 14 April 2010
- XX. **Zeytinyağı karasularında organik karbon giderimi ve danecik boyut dağılımı bazlı organik madde profili üzerine kimyasal arıtmanın etkisi**
Ölmez Hancı T., Dülekürgen E., Arslan Alaton İ., orhon d.
İTÜ 11. Endüstriyel Kirlenme Kontrolü Sempozyumu, İstanbul, Turkey, 11 - 13 June 2008, pp.313-322
- XXI. **Endüstriyel atıksuların organik madde içeriklerinin profillenmesi: ardışık filtrasyon/ultrafiltrasyon ile danecik boyut dağılımı-temelli KOİ bileşenleri.**
Dülekürgen E., Doğruel S., Ölmez Hancı T., Arslan Alaton İ., orhon d.
İTÜ 11. Endüstriyel Kirlenme Kontrolü Sempozyumu, İstanbul, Turkey, 11 - 13 June 2008, pp.305-312

- XXII. **Aerobic/Anoxic Respirometry for Evaluation of a Semi-Granular EBPR Biomass.**
DULEKGURGEM E., Yağcı N., INSEL G., Taşlı R., ARTAN N., ORHON D.
4th Sequencing Batch Reactor Technology Conference, Roma, Italy, 7 - 10 April 2008, pp.1
- XXIII. **EBPR with Aerobic Granular Biomass: System Behavior under P-Limited and P-Surplus Conditions**
DULEKGURGEM E., Yağcı N., Artan N., ORHON D.
IWA Biofilm Technologies Conference, Singapur, Singapore, 8 - 10 January 2008, pp.1
- XXIV. **EBPR with Aerobic Granular Biomass In Two SBRs System Behavior Under P limited and P surplus Conditions**
Dülekğürgen E., Yağcı N., Artan N., Orhon D.
IWA Biofilm Technologies Conference, Singapur, Singapore, 8 - 10 January 2008, pp.49-52
- XXV. **Fingerprinting the organic matter content of wastewaters: sequential filtration/ultrafiltration for particle size distribution-based COD fractionation**
Dülekğürgen E., Doğruel S., Ölmez Hancı T., Arslan Alaton İ., orhon d.
14th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, Seville, Spain, 10 - 14 October 2007, pp.319-320

Supported Projects

Karahan Özgün Ö., Yılmaz S., Akbaş Ş., Dülekğürgen E., Project Supported by Higher Education Institutions, TEKSTİL ENDÜSTRİSİ ATIKSULARINDAN KARIŞIK KÜLTÜRLER İLE TERMOPLASTİK BİYOPOLİMER ÜRETİMİ, 2022 - Continues

Dülekğürgen E., Karahan Özgün Ö., Yılmaz S., Tarkian Eivaraghi S., Project Supported by Higher Education Institutions, Evsel-kentsel atıksu arıtma tesislerinin toksisite azaltım performanslarının toksisite biyodeneyleri ile irdelenmesi, 2022 - 2023

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

Dülekğürgen E., Project Supported by Higher Education Institutions, Atıksu arıtma sistemlerinin biyokaynak oluşturma potansiyeli: floküler ve aerobik granüler aktif çamur biyopolimerleri, 2016 - 2018

Yılmaz G., Dülekğürgen E., Project Supported by Higher Education Institutions, A Wastewater Treatment Method, 2016 - 2017

Dülekğürgen E., Project Supported by Higher Education Institutions, Characterization of the Exopolysaccharides of Aerobic Granular Sludge Treating Industrial Wastewater, 2014 - 2015

Dülekğürgen E., Project Supported by Higher Education Institutions, Çökeltme Süresinin Kademeli Olarak Azaltmanın Aktif çamur Çökeltme Özelliklerine Etkisi, 2013 - 2015

Yılmaz G., Dülekğürgen E., TUBITAK Project, "In-situ Treatment of Domestic Wastewaters by Aerobic Granular Sludge Technology", TUBITAK CAYDAG Project No: 111Y036, 2011 - 2015

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

Toröz İ., Dülekğürgen E., EU Supported Other Project, "Policy Reform on Chromium and Biochemical Oxygen Demand control of tanneries effluents in Turkey", GEF Strategic Partnership for Large Marine Ecosystem of the Mediterranean, UNEP-MAP, Supported by TR MoEUP, 2010 - 2011

Dülekğürgen E., Project Supported by Higher Education Institutions, Setting-up and Improving the of Infrastructure of Environmental Biotechnology Research Laboratory , 2010 - 2010

Sözen S., Dülekğürgen E., Project Supported by Other Official Institutions, İSKİ Tuzla biyolojik ve Paşaköy ileri biyolojik atıksu arıtma tesislerinde mevcut yapıdaki tasarım kriterlerinin ve yeni yapılacak arıtma tesislerinde Tuzla ve Paşaköy 2 aşamaları ile Ataköy Ambarlı tesislerinde tasarım kriterlerinin incelenmesi, 2006 - 2008

Sözen S., Dülekğürgen E., Yağcı N., FP6 Project, "Technical Assistance for Environmental Heavy-Cost Investment Planning, Turkey-Nevşehir Wastewater Treatment Plant Project: Feasibility Study", funded by TR MoEF and EU, Ref: Contract no: TR/0203.03/001, 2004 - 2005

Artan N., Taşlı R., Dülekğürgen E., Özgür N., TUBITAK Project, "Experimental Considerations for Modelling of Enhanced Biological Phosphorus Removal", TUBITAK Project No: 199Y115, 2000 - 2004

Baykal A. B., Dülekürgen E., Project Supported by Higher Education Institutions, Improving Quality of Education and Preparing for the ABET Accreditation, 2002 - 2003

Artan N., Dülekürgen E., Project Supported by Higher Education Institutions, Role and Significance of Polyhydroxyalkonates in Enhanced Biological Phosphorus Removal, 2000 - 2003

Patent

Dülekürgen E., Bir Atık Su Arıtım Yöntemi, Patent, CHAPTER B Implementation of Operations; Transport, The Invention Registration Number: 2015 16527 , Standard Registration, 2019

Metrics

Publication: 57

Citation (WoS): 459

Citation (Scopus): 546

H-Index (WoS): 10

H-Index (Scopus): 12

Non Academic Experience

University of Illinois at Urbana-Champaign, IL, USA