

Prof. Süleyman Övez

Personal Information

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Publons / Web Of Science ResearcherID: N-1621-2014

ScopusID: 6602550389

Yoksis Researcher ID: 111765

Education Information

Doctorate, University of Northern Colorado, Biology Department, Mikrobiyoloji, United States Of America 1990 - 1996

Postgraduate, İstanbul University, Deniz Bilimleri Ve İşletmeciliği Enstitüsü, Fiziksel Oşinografi Ve Deniz Biyolojisi

Anabilim Dalı, Turkey 1986 - 1988

Undergraduate, Ataturk University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, Turkey 1976 - 1980

Foreign Languages

English

Dissertations

Doctorate, Microorganisms in the Pinery Wastewater Treatment Plant and Phosphate-Storing Organisms, University Of Northern Colorado, Biology Department, 1996

Postgraduate, Hayırsız Ada'nın Littoral Zonu Üzerinde Gözlemler, İstanbul Üniversitesi, Deniz Bilimleri Ve İşletmeciliği Enstitüsü, Fiziksel Oşinografi Ve Deniz Biyolojisi Anabilim Dalı, 1988

Research Areas

Life Sciences, Biotechnology, Environmental Biotechnology, Natural Sciences

Academic Titles / Tasks

Professor, İstanbul Technical University, İnşaat, Çevre Mühendisliği, 2014 - Continues

Academic and Administrative Experience

Courses

Health-Related Risks of Environmental Facilities, Doctorate, 2016 - 2017

ÇEVRE MİKROBİYOLOJİSİ, Undergraduate, 2016 - 2017

ÇEVRE MİKROBİYOLOJİSİ, Undergraduate, 2015 - 2016

BULKİNG AND FOAMİNG PROBLEMS İN BİOLOGİCAL TREATMENT SYSTEMS, Doctorate, 2015 - 2016, 2014 - 2015

Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Yard. Doç. Ataması Uzatılması, Boğaziçi Üniversitesi-Çevre Bilimleri Enstitüsü, November, 2017

Doctorate, Tez Savunma Jürisi, Yıldız Teknik Üniversitesi-Fen Bilimleri Enstitüsü, May, 2017

Associate Professor Exam, Doçentlik Jürisi Yedek Üyeliği, YÖK, April, 2017

Associate Professor Exam, Doçentlik Jürisi Asıl Üyeliği, YÖK, April, 2017

Associate Professor Exam, Doçentlik Jürisi Yedek Üyeliği, YÖK, April, 2017

Associate Professor Exam, Doçentlik Jürisi Asıl Üyeliği, YÖK, April, 2017

Appointment to Academic Staff-Assistant Professorship, Doçentlik Kadrosu Ataması, İTÜ, April, 2017

Associate Professor Exam, Doçentlik Jürisi Asıl Üyeliği, YÖK, April, 2017

Appointment to Academic Staff-Professorship, Profesörlük Kadrosuna Atanma , İstanbul Üniversitesi-Deniz Bilimleri, February, 2017

Appointment to Academic Staff-Assistant Professorship, Doçentlik Kadrosu Ataması, İstanbul Üniversitesi-Deniz Bilimleri, June, 2016

Doctorate, Tez Savunma Jürisi, İstanbul Üniversitesi-Deniz Bilimleri Enstitüsü, May, 2016

Associate Professor Exam, Doçentlik Sınav Jürisi, YÖK, March, 2016

Associate Professor Exam, Doçentlik Sınav Jürisi , YÖK, March, 2016

Associate Professor Exam, Doçentlik Sınav Jürisi, YÖK, March, 2016

Doctorate, Doktora Tez Savunma Jürisi, İstanbul Üniversitesi-Fen Bilimleri Enstitüsü, June, 2015

Doctorate, Tez Savunma Jürisi, Yıldız Teknik Üniversitesi-Fen Bilimleri Enstitüsü, June, 2015

Doctorate, Doktora Tez Savunma Jürisi, İstanbul Üniversitesi-Deniz Bilimleri Enstitüsü, June, 2012

Appointment to Academic Staff-Assistant Professorship, Yard. Doç. Ataması Uzatılması, Boğaziçi Üniversitesi-Çevre Bilimleri Enstitüsü, February, 2011

Appointment to Academic Staff-Assistant Professorship, Doçentlik Kadrosu Ataması, İstanbul Üniversitesi-Deniz Bilimleri Enstitüsü, January, 2008

Published journal articles indexed by SCI, SSCI, and AHCI

I. How to eliminate the toxic impact of extreme salinity on the ecology of activated sludge?

Experimental verification with pickle plant effluents

Övez S., Ozbasaran M., Duba S., Sözen S., Orhon D.

JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.97, no.12, pp.3355-3366, 2022 (SCI-Expanded)

II. Eichhornia crassipes root biomass to reduce antibiotic resistance dissemination and enhance biogas production of anaerobic membrane bioreactor

Fakhri H., Arabaci D. N., Övez S., Aydin S.

ENVIRONMENTAL TECHNOLOGY, vol.43, no.26, pp.4168-4179, 2022 (SCI-Expanded)

III. Enhanced removal of antibiotics using Eichhornia crassipes root biomass in an aerobic hollow-fiber membrane bioreactor

Aydin S., Arabaci D. N., Shahi A., Fakhri H., Övez S.

BIOFOULING, vol.38, no.3, pp.223-234, 2022 (SCI-Expanded)

IV. Addition of Trichocladium canadense to an anaerobic membrane bioreactor: evaluation of the

- microbial composition and reactor performance**
Fakhri H., Arabaci D. N., Unlu I. D., Yangin-Gomec C., Övez S., Aydin S.
BIOFOULING, vol.37, no.7, pp.711-723, 2021 (SCI-Expanded)
- V. **Bioaugmentation with immobilized endophytic Penicillium restrictum to improve quorum quenching activity for biofouling control in an aerobic hollow-fiber membrane bioreactor treating antibiotic-containing wastewater**
Fakhri H., Shahi A., Övez S., Aydin S.
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, vol.210, 2021 (SCI-Expanded)
- VI. **Long-term MBR performance of polymeric membrane modified with Bismuth-BAL chelate (BisBAL)**
Türken T., Köse Mutlu B., Okatan S., Durmaz G., Güclü M. C., Güclü S., Övez S., Koyuncu İ.
ENVIRONMENTAL TECHNOLOGY, vol.40, no.15, pp.2011-2017, 2019 (SCI-Expanded)
- VII. **VARIATION OF MICROBIAL ACTIVITY AND PERMEABILITY OF COMPACTED CLAYS PERMEATED WITH LEACHATE**
ÖZÇOBAN M. Ş., DURAK S. G., Ormancı-Acar T., Turkoglu-Demirkol G., Övez S., Tufekci N.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.2, pp.837-845, 2019 (SCI-Expanded)
- VIII. **Effects of the post-modification using bismuth chelate (BisBAL) on the anti-biofouling and performance properties of flat-sheet microfiltration membranes**
Köse Mutlu B., Türken T., Güclü M. C., Güclü S., Övez S., Koyuncu İ.
JOURNAL OF WATER PROCESS ENGINEERING, vol.23, pp.75-83, 2018 (SCI-Expanded)
- IX. **Effects of high-concentration influent suspended solids on aerobic granulation in pilot-scale sequencing batch reactors treating real domestic wastewater**
Çetin E., Karakaş E., Dulekgurgen E., Övez S., Kolukirik M., Yilmaz G.
WATER RESEARCH, vol.131, pp.74-89, 2018 (SCI-Expanded)
- X. **Microalgae as a sustainable biological system for improving leachate quality**
Khanzada Z. T., Övez S.
ENERGY, vol.140, pp.757-765, 2017 (SCI-Expanded)
- XI. **Bismuth Chelate-Doped Microfiltration Membrane and Its Anti-Biofouling Performance During a High-Flux Membrane Bioreactor Operation**
KOSE-MUTLU B., Turken T., Guchu S., Güclü M. C., DURMAZ G., OKATAN S., Övez S., Koyuncu İ.
Clean - Soil, Air, Water, vol.45, no.8, 2017 (SCI-Expanded)
- XII. **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 (SCI-Expanded)
- XIII. **Manufacturing of antibiofouling polymeric membranes with bismuth-BAL chelate (BisBAL)**
Övez S., TURKEN T., KOSE-MUTLU B., OKATAN S., DURMAZ G., GUCLU M. C., GUCLU S., Chellam S., KOYUNCU İ.
Desalination and Water Treatment, vol.57, no.28, pp.12941-12955, 2016 (SCI-Expanded)
- XIV. **Effect of simultaneous nitrification and denitrification on nitrogen removal performance and filamentous microorganism diversity of a full-scale MBR plant**
Insel G., EROL S., Övez S.
BIOPROCESS AND BIOSYSTEMS ENGINEERING, vol.37, no.11, pp.2163-2173, 2014 (SCI-Expanded)
- XV. **Influence of the extreme conditions on the water quality and material exchange flux in the Strait of Istanbul**
Altioğlu H., Aslan A., Övez S., Demirel N., Yuksek A., Kiratlı N., Tas S., Muftuoglu A. E., Sur H. I., Okus E.
JOURNAL OF MARINE SYSTEMS, vol.139, pp.204-216, 2014 (SCI-Expanded)
- XVI. **Monitoring and examination of adaptation period of microorganisms in membrane-bioreactor system treating fruit juice industry wastewaters**
Demirkol G. T., Durak S. G., Övez S., TUFÉKCI N.
INTERNATIONAL JOURNAL OF GLOBAL WARMING, vol.6, pp.160-174, 2014 (SCI-Expanded)
- XVII. **WASTEWATER CHARACTERIZATION AND MICROBIAL DIVERSITY OF A TEXTILE INDUSTRY WASTEWATER TREATMENT SYSTEM**
Ogleni N., Övez S., Ogleni O.

- FRESENIUS ENVIRONMENTAL BULLETIN, vol.19, no.9, pp.1911-1916, 2010 (SCI-Expanded)
- XVIII. **Current situation of urban wastewater treatment plants in megacity Istanbul**
Arslan-Alaton I., ISKENDER G., TANIK A. G., Gürel M., OVEZ S., ORHON D.
DESALINATION, vol.246, pp.409-416, 2009 (SCI-Expanded)
- XIX. **Critical evaluation of wastewater treatment and disposal strategies for Istanbul with regards to water quality monitoring study results**
Okus E., OZTURK I., SUR H. I., YUKSEK A., TAS S., ASLAN-YILMAZ A., ALTIOK H., BALKIS N., DOGAN E., OVEZ S., et al.
DESALINATION, vol.226, pp.231-248, 2008 (SCI-Expanded)
- XX. **Reuse potential of urban wastewater treatment plant effluents in Turkey: A case study on selected plants**
Arslan-Alaton I., TANIK A. G., OVEZ S., ISKENDER G., Gurel M., ORHON D.
DESALINATION, vol.215, pp.159-165, 2007 (SCI-Expanded)
- XXI. **A global overview of treated wastewater guidelines and standards for agricultural reuse**
Gürel M., İskender F. G., Övez S., Arslan-Alaton I., Tanik A. G., Orhon D.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.16, no.6, pp.590-595, 2007 (SCI-Expanded)
- XXII. **Aerobic and anaerobic treatment of fruit juice industry effluents**
ELMASLAR ÖZBAŞ E., TÜFEKCİ N., YILMAZ G., Övez S.
JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH, vol.65, no.10, pp.830-837, 2006 (SCI-Expanded)
- XXIII. **Effect of hypochloride on microbial ecology of bulking and foaming activated sludge treatment for tannery wastewater**
Övez S., Ors C., Murat S., Orhon D.
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.41, no.10, pp.2163-2174, 2006 (SCI-Expanded)
- XXIV. **The Comparison of Treatability of Raw and Anaerobically Pre Treated Domestic Sewage by Sequencing Batch Reactor System**
YILMAZ G., Temizsoy A., ÇETİN E., Övez S.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.15, pp.1126-1132, 2006 (SCI-Expanded)
- XXV. **Urban wastewater treatment plants and reuse potential in Turkey: selected examples from the western cities**
Alaton I. A., Gurel M., EREMEKTAR G., OVEZ S., TANIK A. G., SEKER D. Z., ORHON D.
INTERNATIONAL JOURNAL OF ENVIRONMENT AND POLLUTION, vol.28, pp.115-127, 2006 (SCI-Expanded)
- XXVI. **Microbial ecology of bulking and foaming activated sludge treating tannery wastewater**
Övez S., Orhon D.
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.40, no.2, pp.409-422, 2005 (SCI-Expanded)
- XXVII. **Bacteriological indicators of anthropogenic impact prior to and during the recovery of water quality in an extremely polluted estuary, Golden Horn, Turkey**
Aslan-Yilmaz A., Okus E., Övez S.
MARINE POLLUTION BULLETIN, vol.49, no.11-12, pp.951-958, 2004 (SCI-Expanded)
- XXVIII. **Aerobic treatability of fruit juice industry effluents in sequencing batch and activated sludge reactors**
Elmaslar E., TÜFEKCİ N., Övez S.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.13, no.10, pp.985-988, 2004 (SCI-Expanded)
- XXIX. **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)
- XXX. **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)

- XXXI. **Operational strategies for a small wastewater treatment plant using OUR, microscopic analysis, and toxicity test**
 Meric S., Övez S., Kaptan D., Orhon D.
 JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.38, no.10, pp.2329-2338, 2003 (SCI-Expanded)
- XXXII. **Operational problems in small wastewater treatment plants: A case study**
 Meric S., Kaptan D., Övez S., Okten H.
 FRESENIUS ENVIRONMENTAL BULLETIN, vol.11, no.10B, pp.910-914, 2002 (SCI-Expanded)
- XXXIII. **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 (SCI-Expanded)
- XXXIV. **Hydrolysis of settleable substrate in domestic sewage**
 Okutman D., Övez S., Orhon D.
 BIOTECHNOLOGY LETTERS, vol.23, no.23, pp.1907-1914, 2001 (SCI-Expanded)
- XXXV. **Pollution profile of a corn wet mill**
 Ovez S., Eremektar G., Babuna F. F., ORHON D.
 FRESENIUS ENVIRONMENTAL BULLETIN, vol.10, no.6, pp.539-544, 2001 (SCI-Expanded)
- XXXVI. **Biological treatability of poultry processing plant effluent - A case study**
 Eremektar G., Cokgor E., Ovez S., Babuna F. F., ORHON D.
 WATER SCIENCE AND TECHNOLOGY, vol.40, no.1, pp.323-329, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. **Bizmut-BAL Şelati Sentezinin Optimizasyonu ve Escherichia coli, Streptococcus pyogenes ve Aktif Çamur Üzerindeki İnhibisyon Etkisi**
 KÖSE MUTLU B., TÜRKEN T., okatan s., durmaz g., ÜRPER G. M., güçlü s., ÖVEZ S., KOYUNCU İ.
 Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.21, no.62, pp.499-508, 2019 (Peer-Reviewed Journal)
- II. **Growing Fresh Water Microalgae in High Ammonium Landfill Leachate**
 Khanzada Z. T., ÖVEZ S.
 American Journal of Mechanics and Applications, vol.6, no.2, pp.51-60, 2018 (Scopus)
- III. **Leachate for Producing 3rd Generation Microalgal Oils**
 Khanzada Z. T., ÖVEZ S.
 Modern Environmental Science and Engineering, 2017 (Peer-Reviewed Journal)
- IV. **Importance and Vulnerability Analyses for Functional Zoning in a Coastal District of Turkey**
 Övez S.
 International Journal of Environment and Geoinformatics, no.3, pp.76-91, 2016 (Peer-Reviewed Journal)
- V. **Biyolojik Atıksu Arıtma Tesisleri: Kaçınılmaz Sonuç Çamur Kabarması ve Köpük Problemi**
 Övez S.
 Su ve Çevre Teknolojileri Dergisi, no.35, pp.60-68, 2010 (Peer-Reviewed Journal)
- VI. **Analysis of Anaerobic Microbial Diversity in Halic (Marine Inlet) Sediment by Molecular Tools**
 Övez S.
 Advances in Molecular Medicine, no.2, pp.71-77, 2006 (Peer-Reviewed Journal)
- VII. **Prevailing Situation of Turkish Urban Wastewater Treatment Plants**
 Övez S.
 International Journal of Sustainable Water Management, no.1, pp.9-10, 2006 (Peer-Reviewed Journal)
- VIII. **Urban Wastewater Treatment Plant and Reuse Potential in Turkey Selected Examples from the Western Cities**
 ARSLAN ALATON İ., GÜREL M., Eremektar G., ÖVEZ S., ŞEKER D. Z., TANIK A. G., Orhon D.
 International Journal of Environment and Pollution, vol.28, pp.115-127, 2006 (Peer-Reviewed Journal)

- IX. Türkiye'nin Havza Bazında Su-Atıksu Kaynakları ve Kentsel Atıksu Arıtma Potansiyeli**
Övez S.
İTÜ Dergisi/d Mühendislik, no.4, pp.13-21, 2005 (Peer-Reviewed Journal)
- X. Evsel Atıksularda Çökebilir KOI Hidrolizinin Modellenmesi ve Mikroskopik İncelenmesi**
Övez S.
Su Kirlenmesi Kontrolü Dergisi, no.12, pp.17-23, 2002 (Peer-Reviewed Journal)
- XI. Evsel Atıksularda Çökelebilir KOI Hidrolizinin Modellenmesi ve Mikroskopik İncelenmesi**
Okutman Taş D., Övez S., Orhon D.
Su kirlenmesi ve Kontrolü, vol.12, no.1, pp.17-23, 2002 (Peer-Reviewed Journal)

Supported Projects

- Övez S., Project Supported by Higher Education Institutions, Effect of Textile Industry Wastewater Characteristics on Microfauna in Activated Sludge, 2006 - 2018
- Övez S., Project Supported by Higher Education Institutions, Enumeration of Airborne Microorganism: Microbial Air Quality in Surrounding Areas of Operational Full Scale Treatment Plants in İstanbul, 2006 - 2006

Metrics

- Publication: 229
- Citation (WoS): 395
- Citation (Scopus): 418
- H-Index (WoS): 12
- H-Index (Scopus): 13

Non Academic Experience

- İstanbul Teknik Üniversitesi
- İstanbul Teknik Üniversitesi
- İstanbul Teknik Üniversitesi
- University of Northern Colorado
- İstanbul Teknik Üniversitesi
- İstanbul Teknik Üniversitesi