

Prof. SELİM LATİF SANİN

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International Researcher IDs

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Education

Doctorate, Duke University, Graduate School, Civil And Environmental Engineering, United States Of America 1991 - 1996
Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Çevre Mühendisliği Bölümü, Turkey 1986 - 1989
Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Environmental Engineering, Turkey 1981 - 1986

Dissertations

Doctorate, Bacterial Transport in Porous Media, Duke University, Civil And Environmental Engineering, 1996
Postgraduate, Determination of environmental distribution of some toxic and non-toxic substances in selected basin "studies on quality of environmental data", Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 1989

Research Areas

Environmental Engineering, Environmental Technology, Waste Water Collection and Treatment, Industrial and Hazardous Waste Management, Engineering and Technology

Academic Positions

Associate Professor, Hacettepe University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2012 - Continues

Courses

Doctorate

ENV 637 - ÇEVRE MÜHENDİSLİĞİ UYGULAMALARINDA HESAPLAMA YÖNTEMLERİ, Doctorate, 2016 - 2017

Postgraduate

ENV 739 FATE AND TRANSPORT OF CONTAMINANT, Postgraduate, 2016 - 2017

Supervised Theses

- SANİN S. L., Evaluation of hazardous waste management system in Turkey, Postgraduate, E.ATEŞ(Student), 2017
- SANİN S. L., Removal of nitrate from domestic wastewaters using algae, Postgraduate, M.IZHAR(Student), 2016
- SANİN S. L., AKBULUT A., Arthospira platensis Gomont 1892 ve Chlorella vulgaris Beyerinck [Beijerinck] 1890 türlerinin nütrient giderim kapasitelerinin karşılaştırılması, Postgraduate, R.REZAEI(Student), 2016
- SANİN S. L., Amoxicillin and ampicillin removal from wastewater by fenton and photo-fenton processes, Postgraduate, A.NIKRAVAN(Student), 2015
- SANİN S. L., Havza sürdürülebilirlik indeksinin Türkiye'de uygulanması: Ergene havzası örneği, Postgraduate, C.GÖK(Student), 2015
- SANİN S. L., Mikrobiyal yakıt hücrelerinde membran ve işletme şartlarındaki değişimin güç üretimine etkisi, Postgraduate, E.ÖZCAN(Student), 2013
- SANİN S. L., Eymir Gölü'nde reaktif azot döngüsünün incelenmesi, Postgraduate, E.ÖĞÜN(Student), 2012
- SANİN S. L., Endosulfanın biyolojik parçalanması için biyobariyer kullanımı ve mikroorganizma türlerinin belirlenmesi, Doctorate, A.BİLGİN(Student), 2011
- SANİN S. L., SAYDAM A. C., Sahra tozunun biyolojik araıtım prosesine olan etkilerinin araştırılması, Postgraduate, S.EREN(Student), 2006

Journal articles indexed in SCI, SSCI, and AHCI

- I. INVESTIGATION OF THE ELECTRICAL POTENTIAL OF WHEY USING A RIVER SEDIMENT MICROBIAL FUEL CELL
Ates E., SANİN S. L.
BULLETIN OF THE CHEMICAL SOCIETY OF ETHIOPIA, vol.38, no.5, pp.1479-1491, 2024 (SCI-Expanded)
- II. Fungal biosorption of cadmium(II) onto *Fennelia nivea* from aqueous solution: equilibrium, thermodynamics, and kinetics
ARACAGÖK Y. D., Ogun E., TORUN M., Akyil H., CİHANGİR N., Sanin S. L.
DESALINATION AND WATER TREATMENT, vol.222, pp.386-393, 2021 (SCI-Expanded)
- III. Isolation and Identification of Endosulfan Degrading Native Bacterial Consortium from Agricultural Soils
BİLGİN A., SANİN S. L.
WASTE AND BIOMASS VALORIZATION, vol.11, no.7, pp.3303-3313, 2020 (SCI-Expanded)
- IV. Effect of algae acclimation to the wastewater medium on the growth kinetics and nutrient removal capacity
REZAEİ R., AKBULUT A., SANİN S. L.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.191, no.11, 2019 (SCI-Expanded)
- V. PUBLIC PERCEPTION OF ENVIRONMENTAL RISK IN TURKEY
BİLGİN A., SANİN S. L.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, pp.478-484, 2017 (SCI-Expanded)
- VI. Temperature and Concentration Effects on Biodegradation Kinetics and Surface Properties of Phenol Degrading *Rhodotorula glutinis*
BOSCA A. V., SANİN S. L.
JOURNAL OF RESIDUALS SCIENCE & TECHNOLOGY, vol.12, no.3, pp.183-189, 2015 (SCI-Expanded)
- VII. REMEDIATION OF ENDOSULFAN USING ZEOLITE BIOBARRIER
Bilgin A., SANİN S. L.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.23, pp.3272-3277, 2014 (SCI-Expanded)
- VIII. Special issue: Facing sludge diversities: Challenges, risks, and opportunities - Forward
FİLİBELİ A., AYOL A., SANİN F. D., SANİN S. L.
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.43, no.13, pp.1483, 2008 (SCI-Expanded)
- IX. Effect of change in carbon source on the dewaterability of xenobiotic degrading mixed culture
Sanin S. L., Yilmaz G.

- JOURNAL OF RESIDUALS SCIENCE & TECHNOLOGY, vol.3, no.4, pp.211-216, 2006 (SCI-Expanded)
- X. Effect of Saharan dust on biodegradation of phenol by white rot fungi
Sanin S. L., Arisoy M., Tipirdamaz R., Saydam C.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.75, no.3, pp.466-473, 2005 (SCI-Expanded)
- XI. Effect of starvation on resuscitation and the surface characteristics of bacteria
Sanin S. L.
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.38, no.8, pp.1517-1528, 2003 (SCI-Expanded)
- XII. Effect of starvation on the adhesive properties of xenobiotic degrading bacteria
Sanin S. L., Sanin F., Bryers J.
PROCESS BIOCHEMISTRY, vol.38, no.6, pp.909-914, 2003 (SCI-Expanded)
- XIII. Laboratory study of NO flux from agricultural soil: Effects of soil moisture, pH, and temperature
Ormeci B., Sanin S. L., Peirce J.
JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES, vol.104, no.D1, pp.1621-1629, 1999 (SCI-Expanded)
- XIV. RESUSCITATION OF STARVED ULTRAMICROBACTERIA TO IMPROVE IN-SITU BIOREMEDIALION
BRYERS J., SANIN S. L.
BIOCHEMICAL ENGINEERING VIII, vol.745, pp.61-76, 1994 (SCI-Expanded)
- XV. Concentrations and distributions of some major and minor elements in the sediments of the River Göksu and Taşucu delta, Turkey
Sanin S. L.
MARINE POLLUTION BULLETIN THE INTERNATIONAL JOURNAL FOR MARINE ENVIRONMENTALISTS, SCIENTISTS, ENGINEERS, ADMINISTRATORS, POLITICIANS AND LAWYERS, vol.24, no.3, pp.167-169, 1992 (SCI-Expanded)

Books

- I. BÖLÜM 42: Reaksiyon Mekanizmaları: Fotosentez, Hidroliz ve Biyolojik Bozınma
SANİN S. L.
in: Yüzeysel Su Kalitesi Modelleme Surface Water Quality Modeling, Gülfem Bakan, Editor, Nobel Akademik Yayıncılık Eğitim Danışmanlık Ticaret Ltd., Ankara, pp.739-757, 2015
- II. Bölüm 45: Toksik Madde/Besin/Zinciri Etkileşimi
SANİN S. L.
in: Yüzeysel Su Kalitesi Modelleme Surface Water Quality Modeling, Gülfem Bakan, Editor, Nobel Akademik Yayıncılık Eğitim Danışmanlık Ticaret Ltd., Ankara, pp.784-798, 2015
- III. BÖLÜM 43: Radyonükleotitler ve Metaller
SANİN S. L.
in: Yüzeysel Su Kalitesi Modelleme Surface Water Quality Modeling, Gülfem Bakan, Editor, Nobel Akademik Yayıncılık Eğitim Danışmanlık Ltd., Ankara, pp.757-769, 2015
- IV. BÖLÜM 41: Kütle Transfer Mekanizmaları: Fotosentez, Hidroliz ve Biyolojik Bozınma
SANİN S. L.
in: Yüzeysel Su Kalitesi Modelleme Surface Water Quality Modeling, Gülfem Bakan, Editor, Nobel Akademik Yayıncılık Eğitim Danışmanlık Ltd.Şti, Ankara, pp.715-739, 2015

Papers Presented at Peer-Reviewed Scientific Conferences

- I. VUV Induced Photodecomposition of Reactive Textile Dyes with No Sludge Production
Derin H., SANİN S. L.
6th EurAsia Waste Management Symposium (EWMS), İstanbul, Turkey, 24 - 26 October 2022, pp.575-582, (Full Text)

- II. **Environmental Impact of Priority Pollutants on Ecosystem at low concentrations**
BAYSAL FURTANA G., GÖMÜRGEN A. N., TIPIRDAMAZ R., SANİN S. L.
International Symposium Ecology 2018 kastamonu Turkey, Kastamonu, Turkey, 19 - 23 June 2018, (Summary Text)
- III. **The Effects of Granweed and Endosulfan on Antioxidant Enzyme Activities in Allium cepa L.**
BAYSAL FURTANA G., GÖMÜRGEN A. N., SANİN S. L., TIPIRDAMAZ R.
POG (Plant Oxygen Group) 2017, KUŞADASI/AYDIN, Turkey, 10 - 13 September 2017, (Summary Text)
- IV. **The Effects of Endosulfan on Growth and Lipid Peroxidation in Allium cepa**
BAYSAL FURTANA G., GÖMÜRGEN A. N., SANİN S. L., TIPIRDAMAZ R.
Ecology 2017 International Symposium, Kayseri, Turkey, 11 - 13 May 2017, (Summary Text)
- V. **Cytotoxic and Genotoxic Effects of Endosulphan**
GÖMÜRGEN A. N., BAYSAL FURTANA G., SANİN S. L., TIPIRDAMAZ R.
Ecology 2017 International Symposium, Kayseri, Turkey, 11 - 13 May 2017, (Summary Text)
- VI. **"Evaluation of genotoxic and cytotoxic risks of untreated and treated municipal waste water."**
TIPIRDAMAZ R., GÖMÜRGEN A. N., BAYSAL FURTANA G., SANİN S. L.
ICAW 2017 Commet assay workshop, Pamplona, Spain, 29 - 31 August 2017, (Summary Text)
- VII. **Cadmium (II) Biosorption from Aqueous Solutions by Fennelia nivea Powder: Effect of Physicochemical Conditions**
ÖĞÜN E., ARACAGÖK Y. D., CİHANGİR N., SANİN S. L.
ICOCEE International Conference on Civil and Environmental Engineering, Turkey, 8 - 10 May 2017, (Summary Text)

Funded Projects

SANİN S. L., Project Supported by Higher Education Institutions, Hacettepe Üniversitesi Mühendislik Fakültesi Tehlikeli Atık Yönetim Sistemi Projesi, 2009 - Continues

SANİN S. L., Project Supported by Higher Education Institutions, IWA Çamur Yönetimi Uzmanlar Konferansı Sludgetech 2017, 2017 - 2021

GÜR T. H., SANİN S. L., KAYMAZ M. E., ASENA ÖZCAN P., Project Supported by Higher Education Institutions, Hacettepe Üniversitesi Uluslararası Derecelendirme, 2016 - 2018

SANİN S. L., Project Supported by Higher Education Institutions, IWA Dünya Su Kongresi 2016, 2016 - 2017

SANİN S. L., Project Supported by Higher Education Institutions, ISMET 2015 5.Uluslararası Mikrobiyal Elektrokimya ve Teknolojileri Toplantısı, 2015 - 2016

SANİN S. L., Project Supported by Higher Education Institutions, Biyobariyer kullanarak yeraltı suyundan nitrat arıtım performansının incelenmesi, 2008 - 2016

Metrics

Publication: 27
Citation (WoS): 176
Citation (Scopus): 191
H-Index (WoS): 5
H-Index (Scopus): 4

Non Academic Experience

Hacettepe Üniversitesi, Doçent
Türkiye Çevre Vakfı, Yönetim Kurulu Üyeliği