

Res. Asst. PhD GÖKÇE PEHLİVANER

Personal Information

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Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği (Dr), Turkey 2012 - 2020

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği (YI) (Tezli), Turkey 2010 - 2012

Undergraduate, Dokuz Eylul University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, Turkey 2006 - 2010

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, Occupational health and safety assessment studies in two research laboratories, Dokuz Eylul University, Fen Bilimleri Enstitüsü, 2021

Doctorate, Characterization and treatment alternatives of some brominated, nitroso, fluoro and phenolic micropollutants in hospital wastewater, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği (Dr), 2020

Postgraduate, TEMPERATURE EFFECTS ON THE PERFORMANCE OF AN ANAEROBIC MEMBRANE BIOREACTOR, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği (YI) (Tezli), 2012

Research Areas

Engineering and Technology

Academic Titles / Tasks

Research Assistant PhD, Dokuz Eylul University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2010 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

1. Implementation of the analytic hierarchy process (AHP) and Fine-Kinney method (FKM) against risk factors to determine the total cost of occupational health and safety precautions in environmental research laboratories

GÜNEY G., KAHRAMAN B.

INTERNATIONAL JOURNAL OF OCCUPATIONAL SAFETY AND ERGONOMICS, no.4, pp.2606-2622, 2022 (SSCI)

- II. **Photodegradation of some brominated and phenolic micropollutants in raw hospital wastewater with CeO₂ and TiO₂ nanoparticles**

SPONZA D. T., GÜNEY G.

WATER SCIENCE AND TECHNOLOGY, vol.76, no.10, pp.2603-2622, 2017 (SCI-Expanded)

- III. **Comparison of biological and advanced treatment processes for ciprofloxacin removal in a raw hospital wastewater**

GÜNEY G., SPONZA D. T.

ENVIRONMENTAL TECHNOLOGY, vol.37, no.24, pp.3151-3167, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Biological treatment of a brominated micropollutant α -hexabromocyclododecane (a-HBCDD) from a raw hospital wastewater**

Sponza D. T., Güney G.

Journal of Cardiovascular Medicine and Cardiology, vol.7, no.3, pp.226-231, 2020 (Peer-Reviewed Journal)

- II. **Anaerobic Removals of Polybrominated Diphenylether (PBDE), Hexabromocyclododecane (HBCD) and TetrabromobisphenolA (TBBPA) in Hospital Wastewaters**

SPONZA D. T., PEHLİVANER G.

Journal of Water Science and Engineering, no.1, pp.1-4, 2019 (Peer-Reviewed Journal)

- III. **Biological treatment of a synthetic musk in a raw hospital wastewater under different sludge retention times**

PEHLİVANER G., SPONZA D. T.

Journal of Case Reports and Images, no.1, pp.15-26, 2019 (Peer-Reviewed Journal)

- IV. **Effect of Plasmid Addition on the Production of 1-Butanol from CO₂ in Isolated S.Elongatus from the Sea Sediment of Konak - Izmir**

SPONZA D. T., Doğan C., PEHLİVANER G.

International Journal of Modern Research in Engineering and Technology (IJMRET), vol.3, no.5, pp.24-28, 2018 (Peer-Reviewed Journal)

- V. **Investigation of Monod and Inhibition Kinetics During 1-butanol and Terpenoids Production From CO₂ by S.elongatus**

PEHLİVANER G., SPONZA D. T., DOĞAN C.

Journal of Nuclear Energy Science Power Generation Technology, vol.6, no.3, pp.72, 2017 (Scopus)

- VI. **Monitoring and Modeling of the Occupational Health and Safety Measures in Two Environmental Research Laboratories**

PEHLİVANER G., SPONZA D. T.

Occupational Medicine & Health Affairs, vol.4, no.5, pp.38, 2016 (Peer-Reviewed Journal)

- VII. **Atıksu Arıtımında Yaşam Döngüsü Analizi**

BÜYÜKKAMACI N., PEHLİVANER G.

Arıtma & Su Teknolojileri Dergisi, no.23, pp.26-28, 2014 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Risk Assessment by Fine-Kinney Method (FKM) in an Academic Department Involving Advanced Research Laboratories and the Cost Analysis for the Safety Measures**

Güney G., Dölgen D.

5th International Antalya Scientific Research and Innovative Studies Congress, Antalya, Turkey, 26 - 29 July 2023, pp.622-631

- II. **Determination of the Feasible Treatment Method for Some Brominated and Phenolic Micropollutants from Raw Hospital Wastewater**
Güney G., Sponza D. T.
5th International Antalya Scientific Research and Innovative Studies Congress, Antalya, Turkey, 26 - 28 July 2023, pp.480-489
- III. **Advanced Treatment of Some Emerging Micropollutants by Photocatalytic and Membrane Processes from Raw Hospital Wastewater and Cost Analysis**
Güney G., Sponza D. T.
VI. International Icontech Symposium on Innovative Surveys in Positive Sciences, Rijeka, Croatia, 4 - 05 December 2022, pp.107-116
- IV. **Removal Mechanisms of Some Resistant Micropollutants from Raw Hospital Wastewater via Anarobic/Aerobic Sequential, UF and RO Processes**
Güney G., Sponza D. T.
Hagia Sophia 5th International Conference on Multidisciplinary Scientific Studies, İstanbul, Turkey, 17 - 18 October 2022, pp.310-322
- V. **Performing risk assessment study in university research laboratories using the Analytical Hierarchy Process (AHP) and cost of safety measures**
Güney G., Duran A., Dölgen D.
8. ULUSLARARASI İŞ GÜVENLİĞİ VE ÇALIŞAN SAĞLIĞI KONGRESİ, İstanbul, Turkey, 1 - 02 October 2022, pp.340-351
- VI. **Biological Treatment of a Synthetic Musk in a Raw Hospital Wastewater Under Different Sludge Retention Times**
PEHLİVANER G., SPONZA D. T.
International Symposium on Urban Water and Wastewater Management (UKSAY 2018), Denizli, Turkey, 25 October 2018 - 27 October 2018
- VII. **Removal performances of N-nitrosodimethylamine and musk tonalide with photooxidation in a raw hospital wastewater using different nanoparticles**
PEHLİVANER G., SPONZA D. T.
3rd INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING (ICOCEE), İzmir, Turkey, 24 - 27 April 2018
- VIII. **Application of ultrasound and membrane processes for the removal of some fluoro micropollutants from raw hospital wastewater**
PEHLİVANER G., SPONZA D. T.
3rd INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING (ICOCEE 2018), İzmir, Turkey, 24 - 27 April 2018
- IX. **Determination of the Biological and Adsorption Removals of Two Phenolic Emerging Micropollutants in a Raw Hospital Wastewater Under Different Sludge Retention Times**
PEHLİVANER G., SPONZA D. T.
15th International Conference on Environmental Science and Technology, Rodos, Greece, 31 August - 02 September 2017
- X. **Effect of Plasmid Addition on the Production of 1-Butanol from CO₂ in Isolated *S. elongatus* from the Sea Sediment of Konak - Izmir**
SPONZA D. T., PEHLİVANER G., VURAL C.
15th International Conference on Environmental Science and Technology, Rodos, Greece, 31 August - 02 September 2017
- XI. **Investigation of Monod and Inhibition Kinetics During 1-butanol and Terpenoids Production From CO₂ by *S. elongatus***
PEHLİVANER G., SPONZA D. T., DOĞAN C.
2nd International Conference on Power and Energy Engineering, Munich, Germany, 17 - 18 July 2017, pp.72
- XII. **Photocatalytic Removal of Some Emerging Micropollutants From Raw Hospital Wastewater Using TiO₂ Nanoparticles**

PEHLİVANER G., SPONZA D. T.

Nanotech France 2017, NanoMaterials for Energy Environment, NanoMatEn 2017 – NanoMetrology 2017, Paris, France, 28 - 30 June 2017, pp.126

XIII. Treatability of Some Pharmaceuticals and Personal Care Products in a Raw Hospital Wastewater by Biological, Ultrasound and Membrane Treatment Processes

PEHLİVANER G., SPONZA D. T.

9th Eastern European Young Water Professionals Conference, Budapest, Hungary, 24 - 27 May 2017, pp.363-364

XIV. Removal of Some Phenolic Micropollutants From Raw Hospital Wastewater by Biological and Membrane Processes

PEHLİVANER G., SPONZA D. T.

2nd IWA Regional Symposium on Water, Wastewater and Environment, İzmir, Turkey, 22 - 24 March 2017, pp.257-269

XV. Monitoring and Modeling of the Occupational Health and Safety Measures in Two Environmental Research Laboratories

PEHLİVANER G., SPONZA D. T.

International Conference on Environmental Health & Safety, Valensiya, Spain, 24 - 25 October 2016, vol.4, pp.38

XVI. Photodegradation of Some Brominated and Phenolic Micropollutants in the Raw Hospital Wastewater with CeO₂ and TiO₂ Nanoparticles

PEHLİVANER G., SPONZA D. T.

3rd International Conference on Recycling and Reuse 2016, İstanbul, Turkey, 28 - 30 September 2016, pp.13-14

XVII. Bio Fuel Production from Carbondioxide Gas in Polluted Areas

SPONZA D. T., DOĞAN C., PEHLİVANER G.

3rd International Conference on Recycling and Reuse 2016, İstanbul, Turkey, 28 - 30 September 2016, pp.255-256

XVIII. Biological Photocatalytic and Ultrasound Treatment of a Fluoroquinolone Antibiotic Ciprofloxacin

PEHLİVANER G., SPONZA D. T.

14th International Conference on Environmental Science and Technology CEST 2015, Rodos, Greece, 3 - 05 September 2015

XIX. Comparison of Biological and Advanced Treatment Processes for Ciprofloxacin Removal in Raw Hospital Wastewaters

PEHLİVANER G., SPONZA D. T.

International Conference on Civil and Environmental Engineering ICOCEE Cappadocia 2015, Nevşehir, Turkey, 20 - 23 May 2015

XX. Effect of Different Temperatures on the Performance of AnMBR Systems

PEHLİVANER G., BÜYÜKKAMACI N.

2nd International Conference on Environmental Science and Technology ICOEST 2014, Antalya, Turkey, 14 - 17 May 2014

XXI. Psikofilik ve Termofilik Şartlarda Anaerobik Membran Biyoreaktör Sistemlerin Veriminin İncelenmesi

PEHLİVANER G., BÜYÜKKAMACI N.

3. ULUSAL MEMBRAN TEKNOLOJİLERİ VE UYGULAMALARI SEMPOZYUMU, Elazığ, Turkey, 26 - 27 September 2013

XXII. Farklı Sıcaklıklarda Anaerobik Membran Biyoreaktör Sisteminin Veriminin İrdelenmesi

BÜYÜKKAMACI N., PEHLİVANER G.

İTÜ XIII. Endüstriyel Kirlenme Kontrolü Sempozyumu, İstanbul, Turkey, 17 - 19 October 2012

Supported Projects

Güney G., Sponza D. T., Project Supported by Higher Education Institutions, HASTANE ATIKSULARINDA MİKROKİRLETİCİLERİN ÖLÇÜLMESİ, 2018 - 2019

Güney G., Büyükkamacı N., Project Supported by Higher Education Institutions, 2011 - 2013

Metrics

Publication: 33

Citation (WoS): 27

Citation (Scopus): 26

H-Index (WoS): 4

H-Index (Scopus): 2