

## **Res. Asst. PhD GÖKÇE PEHLİVANER**

### **Personal Information**

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### **International Researcher IDs**

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Publons / Web Of Science ResearcherID: Y-3818-2019

Yoksis Researcher ID: 53694

### **Education**

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 Positions**

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

### **Journal articles indexed in 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 CeO<sub>2</sub> and TiO<sub>2</sub> 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  $\alpha$ -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 CO<sub>2</sub> 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 CO<sub>2</sub> 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)

## Papers Presented at Peer-Reviewed Scientific Conferences

- 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, (Full Text)

- 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, (Full Text)
- 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, (Full Text)
- 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, (Full Text)
- 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, (Full Text)
- 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, (Full Text)
- 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, (Summary Text)
- 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, (Full Text)
- 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, (Full Text)
- X. **Effect of Plasmid Addition on the Production of 1-Butanol from CO<sub>2</sub> 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, (Full Text)
- XI. **Investigation of Monod and Inhibition Kinetics During 1-butanol and Terpenoids Production From CO<sub>2</sub> 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, (Summary Text)
- XII. **Photocatalytic Removal of Some Emerging Micropollutants From Raw Hospital Wastewater Using**

## **TiO<sub>2</sub> 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, (Summary Text)

- 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, (Summary Text)
- 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, (Full Text)
- 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, (Summary Text)
- XVI. **Photodegradation of Some Brominated and Phenolic Micropollutants in the Raw Hospital Wastewater with CeO<sub>2</sub> and TiO<sub>2</sub> Nanoparticles**  
PEHLİVANER G., SPONZA D. T.  
3rd International Conference on Recycling and Reuse 2016, İstanbul, Turkey, 28 - 30 September 2016, pp.13-14, (Summary Text)
- 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, (Summary Text)
- 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, (Full Text)
- XIX. **Comparision 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, (Full Text)
- 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, (Full Text)
- 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, (Full Text)
- 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, (Full Text)

## **Funded 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: 34

Citation (WoS): 27

Citation (Scopus): 26

H-Index (WoS): 4

H-Index (Scopus): 2