

## Res. Asst. SERENAY CEREN TÜZÜN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: JCO-2559-2023

ScopusID: 58030003300

Yoksis Researcher ID: 267933

### Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği (Dr), Turkey 2017 - Continues

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Çevre Bilimleri Ve Mühendisliği (YI) (Tezli), Turkey 2016 - 2017

Undergraduate, Istanbul Technical University, İnşaat Fakültesi, Çevre Mühendisliği Bölümü, Turkey 2010 - 2015

### Foreign Languages

English, C2 Mastery

### Dissertations

Postgraduate, Occurrence and fate of micropollutants and their metabolites in WWTPs, Istanbul Technical University, Fen Bilimleri Enstitüsü, Çevre Bilimleri Ve Mühendisliği (YI) (Tezli), 2017

### Research Areas

Environmental Engineering, Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Dokuz Eylul University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2017 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

#### I. Determination of benzophenone derivatives in wastewater by GC-MS/MS combined with in-port derivatization

Tüzün S. C., Karapınar İ., Yücel C., Ertuş F. N., Ertuş H.

CLEAN - SOIL, AIR, WATER, vol.2300145, pp.1-11, 2024 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Determination of UV Filters in Waste Sludge Using QuEChERS Method Followed by In-Port Derivatization Coupled with GC-MS/MS**  
Yücel C., Karapınar İ., Tüzün S. C., Ertaş H., Ertaş F. N.  
Methods and Protocols, vol.5, no.6, 2022 (Scopus)
- II. **A review on diclofenac degradation, transformation products and their fate in the environment**  
Tüzün S. C., Karapınar İ.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.28, no.6, pp.937-952, 2022 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Biological Treatment of Benzophenone Type UV Filters in an Activated Sludge System**  
Tüzün S. C., Karapınar İ.  
International Students Science Congress, İzmir, Turkey, 23 - 24 May 2024, pp.57
- II. **Validation of QuEChERS-GC MS/MS Method for determination of UV Filters in Sludges**  
Yücel C., Tüzün S. C., Ertaş H., Ertaş F. N., Karapınar İ.  
4th International Congress on Analytical and Bioanalytical Chemistry, Antalya, Turkey, 22 - 26 March 2022, pp.56
- III. **Development of DLLME-SFOD/GC-MS Method for UV Filter Determination**  
Yücel C., Tüzün S. C., Ertaş H., Karapınar İ., Ertaş F. N.  
3rd International Congress on Analytical and Bioanalytical Chemistry, Antalya, Turkey, 22 - 26 March 2021, pp.67
- IV. **FATE AND TRANSFORMATION OF EDC IN WASTEWATER TREATMENT PLANTS AND THEIR POSSIBLE ADVERSE EFFECTS ON DIFFERENT ORGANISMS**  
TÜZÜN S. C., KARAPINAR İ.  
7th Global Conference on Global Warming, 24 - 28 June 2018
- V. **Fate of micropollutants in high-capacity wastewater treatment plants in Istanbul Metropolitan Area**  
TÜZÜN S. C., AYDIN E., PEHLİVANOĞLU MANTAŞ E.  
253rd American Chemical Society National Meeting San Francisco, CA, 2 - 06 April 2017
- VI. **Farmasötiklerin Gerçek Ölçekli Arıtma Tesislerindeki Davranışı: İstanbul Örneği**  
TÜZÜN S. C., AYDIN E., PEHLİVANOĞLU MANTAŞ E.  
2. Uluslararası Su ve Sağlık Kongresi, 13 - 17 February 2017

## Supported Projects

KARAPINAR İ., EROL M., ŞEN G., ÖZMIHÇI S., GÜVEN E. D., TÜZÜN S. C., ÖZUYSAL A., YÜCEL C., ÖZDEMİR E. T., ÖNER TAŞDELEN Ö., Project Supported by Higher Education Institutions, Kalıcı mikrokirleticilerin çevresel matrislerdeki dağılımı ve arıtımı/bozunumu: UV filtreleri ve mikroplastikler, 2024 - Continues

## Metrics

Publication: 9

Citation (Scopus): 3

H-Index (WoS): 1

H-Index (Scopus): 1