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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: G-7007-2018

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Education Information

Doctorate, Universitaet Lüneburg, Institute Of Sustainable And Environmental Chemistry, Sustainable And Environmental Chemistry Faculty, Germany 2015 - 2015

Doctorate, Cukurova University, Fen Bilimleri Ens., Su Ürünleri Temel Bilimler Abd., Turkey 2009 - 2015

Postgraduate, Mugla Sitki Kocman University, Fen Bilimleri Ens., Çevre Bilimleri Abd., Turkey 2006 - 2009

Undergraduate, Mugla Sitki Kocman University, Faculty Of Education, Fen Bilgisi Öğretmenliği, Turkey 2002 - 2006

Foreign Languages

English, C1 Advanced

German, A1 Beginner

Certificates, Courses and Trainings

Other, Kromatografi'de Son Gelişmeler ve MSMS Teknolojisi, ANT- TEKNİK, 2014

Other, Kromatografi ve Spektroskopi Çözümleri, SEM Laboratuvar Cihazları Paz. San ve Taş., 2014

Occupational Health and Safety, İş Sağlığı ve Güvenliği Eğitimi, ÇÜ Su Ürünleri Fakültesi, 2014

Education Management and Planning, Uygulamalı HPLC Eğitimi, TÜBİTAK MAM, 2013

Dissertations

Doctorate, Aşağı Ceyhan Havzasında Bazı Farmasötik Maddelerin Bulunurluğu ve Mevsimsel Değişimi, Cukurova University, Su Ürünleri Fak., Temel Bilimler Böl., 2015

Postgraduate, Gökova İç Körfezi Su Kalitesinin İncelenmesi, Mugla Sitki Kocman University, Fen Bilimleri Ens., Çevre Bilimleri Abd., 2009

Research Areas

Hydrobiology, Life Sciences, Environmental Biology, Environmental Pollution, Limnology, Chemistry, Analytical Chemistry, Pharmaceutical Analysis, Chromatographic Analysis, Mass Spectroscopy, Natural Sciences

Academic Titles / Tasks

Research Assistant PhD, Cukurova University, Su Ürünleri Fakültesi, Temel Bilimler Böl., 2015 - Continues
Research Assistant, Cukurova University, Su Ürünleri Fak., Temel Bilimler Böl., 2011 - 2015
Research Assistant, Mugla Sitki Kocman University, Fen Bilimleri Ens., Çevre Bilimleri Bölümü, 2006 - 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Evaluation of the concentrations of current use pesticides (CUPs) in urban air and rainfall, and their wet deposition flux in a metropolitan environment**
Birgül A., GÜZEL E., DAĞLIOĞLU N., TAŞDEMİR Y., CİNDORUK S. S., Kurt-Karakuş P. B.
Science of the Total Environment, vol.967, 2025 (SCI-Expanded)
- II. **Illicit drug use derived from wastewater-based epidemiology in Iran, their removal during wastewater treatment, and occurrence in receiving waters**
Asadi A., Zarei S., DAĞLIOĞLU N., Guzel E. Y., Ravankhah N.
Heliyon, vol.11, no.3, 2025 (SCI-Expanded)
- III. **Association between occupational and environmental pesticide exposure in Cukurova region by hair and blood biomonitoring**
Celik S., AKBABA M., NAZLICAN E., GÖREN İ. E., Guzel E. Y., DAĞLIOĞLU N.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, no.44, pp.63191-63201, 2021 (SCI-Expanded)
- IV. **Human pharmaceutical concentrations in Golbasi, Azapli and Inekli Lakes (Turkey) occurrence distribution and environmental risk assessment**
Güzel E., Çevik F., Dağlıoğlu N., Çevik C.
Fresenius Environmental Bulletin, vol.30, no.6, pp.6734-6742, 2021 (SCI-Expanded)
- V. **Estimation of alcohol and nicotine consumption in 11 cities of Turkey using wastewater-based epidemiology**
Güzel E., Atasoy A., Gören İ. E., Dağlıoğlu N.
Drug Testing And Analysis, vol.0, no.0, pp.1, 2020 (SCI-Expanded)
- VI. **A global systematic review and meta-analysis on illicit drug consumption rate through wastewater-based epidemiology**
Zarei S., Salimi Y., Repo E., Daglioglu N., Safaei Z., Güzel E., Asadi A.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.27, no.29, pp.36037-36051, 2020 (SCI-Expanded)
- VII. **Comparison of community illicit drug use in 11 cities of Turkey through wastewater-based epidemiology**
Dağlıoğlu N., Güzel E., Atasoy A., Gören İ. E.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.1, pp.1-8, 2020 (SCI-Expanded)
- VIII. **Estimating Alcohol Consumption by Using Wastewater-Based Epidemiology in Adana Province, Turkey**
Dağlıoğlu N., Atasoy A., Güzel E., Asadi A., Dengiz H.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.0, no.0, pp.1-8, 2020 (SCI-Expanded)
- IX. **DETERMINATION OF PESTICIDES IN FARMER HAIRSFOR THE BIOMONITORING OF EXPOSURE INCUKUROVA REGION, TURKEY**
Dağlıoğlu N., Efeoğlu Özşeker P., Yarpuz Bozdoğan N., Güzel E.
Fresenius Environmental Bulletin, no.29, pp.2802-2808, 2020 (SCI-Expanded)
- X. **Assessment of illicit drugs in wastewater and estimation of drugs of abuse in Adana Province, Turkey**
DAĞLIOĞLU N., Guzel E., KİLERCİOĞLU S.
FORENSIC SCIENCE INTERNATIONAL, vol.294, pp.132-139, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **Occurrence and environmental risks assessment of DEET N,N-diethyl-m-toluamide) pesticide in Seyhan River, Turkey**
GÜZEL E.
JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, vol.6, no.3, pp.345-351, 2021 (Peer-Reviewed Journal)
- II. **Establishing early warning systems by monitoring COVID-19 (SARS-CoV-2) in wastewater**
Atasoy A., Güzel E., Dağlıoğlu N.
The Bulletin of Legal Medicine, vol.25, no.2020, pp.27-31, 2020 (Peer-Reviewed Journal)
- III. **Kyphosis in *Barbus pergamonensis* (Cyprinidae-Actinopterygii) from Dalaman Stream Flowing to the Mediterranean Sea**
İNNA D., Guzel E., DİLEK Ö. G., Kamanli S. A.
AQUATIC SCIENCES AND ENGINEERING, vol.34, no.2, pp.39-45, 2019 (ESCI)

Papers Published in Refereed Scientific Meetings

- I. **Estimation of anti-diabetes drug metformin in Türkiye using wastewater-based epidemiology**
DAĞLIOĞLU N., GÜZEL E., ATASOY AYDIN A., GÖREN İ. E., ÜNÜVAR N.
Testing the Waters Conference 2024, Lizbon, Portugal, 21 - 22 October 2024
- II. **Assessment of human exposure to pesticides in Türkiye: via wastewater-based epidemiology**
GÜZEL E., ATASOY AYDIN A., ERTAŞ B. S., DAĞLIOĞLU N.
Testing the Waters Conference 2024, Lizbon, Portugal, 21 - 22 October 2024
- III. **Determination of neuropsychiatric drugs in wastewater of Western Iran and Southern Türkiye using wastewater-based epidemiology**
ATASOY AYDIN A., GÜZEL E., GÖREN İ. E., Asadi A., DAĞLIOĞLU N.
5th Regional TIAFT Meeting in Türkiye, Diyarbakır, Turkey, 9 - 11 October 2024
- IV. **Monitoring and evaluating human exposure to pesticides using wastewaterbased epidemiology**
ATASOY AYDIN A., GÜZEL E., DAĞLIOĞLU N.
Pesticide Fate and Related Exposure and Risks, Aydın, Turkey, 11 - 12 July 2024, vol.1, pp.9
- V. **Determination and eveluation of pesticide residues in humans and the environment**
GÜZEL E., ATASOY AYDIN A., DAĞLIOĞLU N.
Pesticide Fate and Related Exposure and Risks, Aydın, Turkey, 11 - 12 July 2024, vol.1, pp.5
- VI. **Method development, validation, and application for simultaneous determination of 56 new psychoactive substances in surface water by LC-MS/MS**
Atasoy A., GÖREN İ. E., GÜZEL E., DAĞLIOĞLU N.
Testing the Waters 6, Oxford, England, 26 - 27 June 2023
- VII. **Estimating pregabalın abuse in 31 cities in Türkiye through wastewater-based epidemiology**
DAĞLIOĞLU N., Atasoy A., GÖREN İ. E., GÜZEL E.
Testing the Waters 6, Oxford, England, 26 - 27 June 2023
- VIII. **İnsanlarda, Gıdalarda ve Sularda Biyosidal Ürün Kalıntıları**
DAĞLIOĞLU N., GÜZEL E.
VI. International Biocidal Congress, Antalya, Turkey, 17 November 2022, vol.1, pp.46-47
- IX. **Estimation of anti-diabetes drug metformin in Turkey using wastewater-based epidemiology**
GÜZEL E., Atasoy A., GÖREN İ. E., DAĞLIOĞLU N.
4th Regional TIAFT Meeting in Türkiye, Turkey, 13 October 2022, vol.1, pp.10
- X. **Impact of COVID-19 on antidepressants consumptions by wastewater analysis in Turkey**
GÜZEL E., Atasoy A., GÖREN İ. E., DAĞLIOĞLU N.
Forensic Science Symposium and Online IACFT Turkish Speaker's Day, Turkey, 01 April 2022, vol.1, pp.23
- XI. **Gölbasi Gölleri'nin metal derişimleri ve mevsimsel deęişimi**
ÇEVİK F., GÜZEL E., AZGIN C., ÇEVİK C.
20. Ulusal Su Ürünleri Sempozyumu, Mersin, Turkey, 24 September 2019, vol.1, pp.104

Supported Projects

DAĞLIOĞLU N., GÜZEL E., KILERCİOĞLU S., Project Supported by Higher Education Institutions, Adana Atıksularında Uyuşturucu Maddelerin Tespiti ile Toplumsal Uyuşturucu Kullanımına İlişkin Tahminlerin Geliştirilmesi, 2016 - 2018

GÜZEL E., ÇEVİK F., DAĞLIOĞLU N., Project Supported by Higher Education Institutions, OCCURRENCE OF PHARMACEUTICALS AND PERSONAL CARE PRODUCTS IN KONYA CLOSED BASIN LAKES TURKEY, 2017 - 2017

ÇEVİK F., GÜZEL E., DAĞLIOĞLU N., Project Supported by Higher Education Institutions, Determination of Human Pharmaceuticals in Sucullu and Uluborlu Dam Lakes (Antalya Basin, Turkey), 2017 - 2017

GÜZEL E., DAĞLIOĞLU N., ÇEVİK F., Project Supported by Higher Education Institutions, CEYHAN NEHRİ'NDE (TÜRKİYE) 16 ÇEŞİT UYUŞTURUCU MADDENİN TESPİTİ (OCCURRENCE OF 16 ILLICIT DRUGS IN CEYHAN RIVER, TURKEY), 2016 - 2016

GÜZEL E., TUBITAK Project, Tübitak- Akyaka Doğa Bilim kampı, 2009 - 2010

EU Framework Program Project, SMAP III Programme: Preparation & Implementation of the Integrated Management Action Plan in collaboration with stakeholders for the Inner Gökova Bay and the Sedir Island within Gökova Specially Protected Area, 2006 - 2009

Metrics

Publication: 79

Citation (WoS): 178

Citation (Scopus): 234

H-Index (WoS): 5

H-Index (Scopus): 5

Awards

GÜZEL E., En İyi Sözlü Bildiri, II. Uluslararası Su ve Sağlık Kongresi, February 2017

GÜZEL E., En İyi 3. Sözlü Sunum, Ulusal Su ve Sağlık Kongresi, October 2015

Non Academic Experience

MİLLİ EĞİTİM BAKANLIĞI , Fen ve Teknoloji Öğretmeni

Muğla Üniversitesi, Araştırma Görevlisi