

## Res. Asst. SELDA DURMUŐOĐLU

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAK-2102-2021

ScopusID: 57202216168

Yoksis Researcher ID: 328389

### Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Turkey 2018 - Continues

Postgraduate, Bayburt University, Institute Of Science, Turkey 2015 - 2018

Undergraduate, Karadeniz Technical University, Fen Fakóltesi, Turkey 2010 - 2015

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Science and Technology Policy, Gaz Kromatografisi (GC) Eđitimi, İstanbul Gedik Üniversitesi, 2023

Science and Technology Policy, Yüksek Performanslı Sıvı Kromatografisi (HPLC) Eđitimi, İstanbul Gedik Üniversitesi, 2023

Science and Technology Policy, Sıvı Kromatografisi-Kütle Spektrometresi (LC-MS/MS) Eđitimi, İstanbul Gedik Üniversitesi, 2023

Science and Technology Policy, FOURIER Dönüşümlü Kızılötesi (FT-IR) Spektroskopisi Eđitimi, İstanbul Gedik Üniversitesi, 2023

Science and Technology Policy, Gaz Kromatografisi-Kütle Spektrometresi (GC-MS) Eđitimi, İstanbul Gedik Üniversitesi, 2023

Science and Technology Policy, UV-VIS Spektrofotometre Eđitimi, İstanbul Gedik Üniversitesi, 2023

Science and Technology Policy, Protein Tayin Cihazı (DUMAS) Eđitimi, İstanbul Gedik Üniversitesi, 2023

Science and Technology Policy, ELISA (Enzyme-Linked Immunosorbent Assay) Yönetimi Eđitimi, İstanbul Gedik Üniversitesi, 2023

Science and Technology Policy, İndüktif Eşleşmiş Plazma Yönetimi-Kütle Spektroskopisi (ICP-MS) Eđitimi, İstanbul Gedik Üniversitesi, 2023

Education Management and Planning, Eđiticilerin Eđitimi, Karadeniz Technical University, 2023

Science and Technology Policy, Uygulamalı Biyoinformatik Eđitimi, Labakademi, 2022

Science and Technology Policy, Çevrimiçi, Uygulamalı PCR ve qPCR Eđitimi, Labakademi, 2022

Science and Technology Policy, KLİNİK BİYOKİMYADA NANOTEKNOLOJİ VE UYGULAMALARI EĐİTİMİ, Ege University, 2022

Science and Technology Policy, HPLC Cihazının Kullanıcı Eğitimi, Karadeniz Technical University, 2019

Science and Technology Policy, LEICA SP8 ADVANCED CONFOCAL LASER SCANNING MICROSCOPY, Karadeniz Technical University, 2019

## Research Areas

Plant Biology, Plant Tissue Culture, Plant Physiology, Plant Biotechnology, Plant Molecular Genetics

## Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Biyoloji, 2020 - Continues

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

- Synthesis of Enantiomerically Enriched Drug Precursors by *Lactobacillus paracasei* BD87E6 as a Biocatalyst**  
Oksuz S., Sahin E., Dertli E.  
CHEMISTRY & BIODIVERSITY, vol.15, no.6, 2018 (SCI-Expanded)

## Books & Book Chapters

- Modulation of HSPs by phytohormone applications**  
Durmuşoğlu S., Sağlam A., Kadioğlu A.  
in: Improving Stress Resilience in Plants: Physiological and Biochemical Basis and Utilization in Breeding, Mohammad Abass Ahanger,Javaid Akthar Bhat,Parvaiz Ahmad,Riffat John, Editor, Academic Press , Massachusetts, pp.277-295, 2024
- Nanotoxicology and Nanoecotoxicology Vol. 1**  
Durmuşoğlu S., Tekmen S.  
in: Nanotoxicology and Nanoecotoxicology Vol. 1, Vineet Kumar,Praveen Guleria Shivendu Ranjan,Nandita Dasgupta,Eric Lichtfouse, Editor, Springer, London/Berlin , Zürich, pp.21-55, 2021

## Refereed Congress / Symposium Publications in Proceedings

- PREPARATION OF NEW IRON-CHELATED COMPOUNDS AND THEIR USE IN FOLIAR NUTRITION APPLICATIONS**  
ÜNLÜER BİRİNCİ D., Çakmak S. N., Yıldırım E., YILDIZ S. Z., DURMUŞOĞLU S.  
9. INTERNATIONAL MAY 19 INNOVATIVE SCIENTIFIC APPROACHES CONGRESS, Samsun, Turkey, 17 May 2023, pp.78-81
- EVALUATION OF MICRO NUTRITIONAL FERTILIZER POTENTIALS OF EDTA DERIVATIVE IRON COMPLEXES SYNTHETIC WITH COMMERCIAL AMINES**  
DURMUŞOĞLU S., ÜNLÜER BİRİNCİ D., Çakmak S. N., Yıldırım E., KADIOĞLU A.  
9. INTERNATIONAL MAY 19 INNOVATIVE SCIENTIFIC APPROACHES CONGRESS, Samsun, Turkey, 17 May 2023, pp.75-77
- PREPARATION OF CHELATING COMPOUNDS INCLUDING METAL AS MICRONUTRIENT FERTILIZER, MEASUREMENT OF THEIR BIOLOGICAL ACTIVITIES, AND INVESTIGATION OF THEIR USAGE IN AGRICULTURE**  
DURMUŞOĞLU S.

5th International Food, Agriculture and Veterinary Sciences Congress, Kars, Turkey, 17 March 2023, pp.516-517

IV. **The Role of Exogenous Cysteine in High-Temperature Stress Tolerance in Arabidopsis thaliana**  
DURMUŞOĞLU S.

IConPB 2022 3rd International Congress on Plant Biology, Rize, Turkey, 05 December 2022, pp.125-126

## **Metrics**

Publication: 7

Citation (WoS): 14

Citation (Scopus): 15

H-Index (WoS): 1

H-Index (Scopus): 1

## **Congress and Symposium Activities**

9. INTERNATIONAL MAY 19 INNOVATIVE SCIENTIFIC APPROACHES CONGRESS, Attendee, Samsun, Turkey, 2023

9th International Congress on Innovative Scientific Approaches, Attendee, Samsun, Turkey, 2023

5th International Food, Agriculture and Veterinary Sciences Congress, Attendee, Kars, Turkey, 2023

IConPB 2022 3rd International Congress on Plant Biology, Attendee, Rize, Turkey, 2022