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Education Information

Doctorate, Ondokuz Mayıs University, Lisansüstü Eğitim Enstitüsü, Tarımsal Biyoteknoloji Anabilim Dalı, Turkey 2017 - 2023

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Tarımsal Biyoteknoloji (YI) (Tezli), Turkey 2014 - 2017

Undergraduate, Ondokuz Mayıs University, Ziraat Fakültesi, Tarımsal Biyoteknoloji Bölümü, Turkey 2010 - 2013

Associate Degree, Bursa Uludağ University, Karacabey Meslek Yüksekokulu, Gıda İşleme Bölümü, Turkey 2007 - 2009

Dissertations

Doctorate, Determination of some biological activities of protein hydrolysates enzymatically obtained from limpet (patella vulgata), Ondokuz Mayıs University, Lisansüstü Eğitim Enstitüsü, Tarımsal Biyoteknoloji Anabilim Dalı, 2023

Postgraduate, Soya bitkisinden (glycine max l.) glutatyon redüktaz enziminin saflaştırılması ve bazı ağır metallerin inhibisyon kinetiğinin incelenmesi, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Tarımsal Biyoteknoloji (YI) (Tezli), 2017

Research Areas

Agriculture, Food Biotechnology, Biotechnology

Academic Titles / Tasks

Research Assistant, Ondokuz Mayıs University, Lisansüstü Eğitim Enstitüsü, Tarımsal Biyoteknoloji Anabilim Dalı, 2016 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Inhibitory effects of sulfenimides on human and bovine carbonic anhydrase enzymes**
Yakan H., Bilir G., Çakmak Ş., Taş Ö., Türköz Karakullukçu N., Soydan E., Kütük H., Güçlü C., Şentürk M., Arslan T., et al.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.38, no.1, 2023 (SCI-Expanded)
- II. **Extraction and Characterization of Protein Concentrates from Limpets (Patella vulgata) and Peptide Release Following Gastrointestinal Digestion**
Bilir G., Khalesi M., Cermen M., FitzGerald R. J., EKİNCİ D.

JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol.70, no.36, pp.11212-11223, 2022 (SCI-Expanded)

III. **Investigation of pesticides on honey bee carbonic anhydrase inhibition**

Soydan E., Olcay A. C., Bilir G., Taş Ö., ŞENTÜRK M., EKİNCİ D., Supuran C. T.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.35, no.1, pp.1923-1927, 2020 (SCI-Expanded)

Articles Published in Other Journals

I. **Purification and Characterization of Glutathione Reductase Enzyme from Arum Maculatum Leaf**

Bilir G., Sariahmet M., VURAL D. E.

Black Sea Journal of Agriculture, vol.6, no.3, pp.269-274, 2023 (Peer-Reviewed Journal)

II. **Partial purification of β -glucosidase enzyme from soybean (Glycine max) and determination of inhibitory effects two quercetin derivatives on enzyme activity**

Olcay A. C., Bilir G., Taş Ö., Deniz M., EKİNCİ D.

Agronomy Research, vol.14, no.SpecialIssue 2, pp.1419-1426, 2016 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

I. **Determination Of Stress Tolerance Of Oat Plant (Avena Sativa L) On Application Seed Of Salicylic Acid**

GÜNGÖR A., TAŞ Ö., BİLİR G., ARSLAN H., EKİNCİ D.

V. Balkan Agricultural Congress, Turkey, 20 - 23 September 2023

II. **Purification and Characterization of Glutathione Reductase Enzyme from Nivik Plant (Arum maculatum) Leaf**

BİLİR G., SARIAHMET M., EKİNCİ D.

III. International Enzyme and Bioprocess Days EBDays 2022, Tokat, Turkey, 09 September 2022

III. **Purification and Characterization of Antioxidant Enzyme Glutathione-S-Transferase from Kumquat Fruit**

OLCAY A. C., ÖZAYDIN F., TAŞ Ö., BİLİR G., EKİNCİ D.

Purification and Characterization of Antioxidant Enzyme Glutathione-S-Transferase from Kumquat Fruit, Giresun, Turkey, 02 June 2022

IV. **Effect Of Different Water Deficit Conditions On Glutathione Reductase Enzyme Activity Of Watermelon Juice**

TAŞ Ö., OLCAY A. C., BİLİR G., YALÇIN M., GÜNGÖR A., ARSLAN H., EKİNCİ D.

II. International Green Biotechnology Congress, Turkey, 9 - 11 September 2019

V. **Effect of Different Irrigation Water Salinity on the Antioxidant Enzyme Activity of Purple Carrot (Daucus Carota L) Plant**

GÜNGÖR A., BİLİR G., TAŞ Ö., OLCAY A. C., ALTUN M., ARSLAN H.

1. Uluslararası Tarımsal Yapılar ve Sulama Kongresi, Antalya, Turkey, 26 - 28 September 2018

VI. **Effect of Salinity and Drought Stress Conditions on Enzyme Activities of Plants**

GÜNGÖR A., TAŞ Ö., BİLİR G., OLCAY A. C., ARSLAN H., EKİNCİ D.

1. Uluslararası Tarımsal Yapılar ve Sulama Kongresi, Antalya, Turkey, 26 - 28 September 2018

VII. **INVESTIGATION OF INHIBITION KINETICS OF SOME HEAVY METALS ON GLUCOSE-6-PHOSPHATE DEHYDROGENASE ENZYME FROM TURBOT GILL TISSUE**

DENİZ M., OLCAY A. C., BİLİR G., EKİNCİ D.

INTERNATIONAL SYMPOSIUM ON EUROASIAN BIODIVERSITY, Minsk, Belarus, 5 - 08 July 2017, pp.182

VIII. **PURIFICATION OF GLUTATHIONE REDUCTASE ENZYME FROM SOYBEAN (Glycine max L.) AND INVESTIGATION OF INHIBITION KINETICS OF SOME HEAVY METALS**

BİLİR G., EKİNCİ D.

INTERNATIONAL DNA DAY AND GENOME CONGRESS, Kırşehir, Turkey, 24 - 28 April 2017, pp.206

- IX. **PARTIAL PURIFICATION OF CARBONIC ANHYDRASE ENZYME FROM BROWN MEAGRE (Sciaena umbra) GILL AND INVESTIGATION OF INHIBITION KINETICS OF SOME HEAVY METALS**
KARABUĞA A., BİLİR G., TAŞ Ö., OLCAY A. C., EKİNCİ D.

INTERNATIONAL DNA DAY AND GENOME CONGRESS, Kırşehir, Turkey, 24 - 28 April 2017, pp.212