

Res. Asst. Ahmet Can Olcay

Personal Information

Email: can.olcay@omu.edu.tr

Web: <https://avesis.omu.edu.tr/can.olcay>

International Researcher IDs

ORCID: 0000-0002-2453-1696

Yoksis Researcher ID: 23130

Education Information

Doctorate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Tarımsal Biyoteknoloji (Dr), Turkey 2015 - 2020

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Tarımsal Biyoteknoloji (YI) (Tezli), Turkey 2013 - 2015

Postgraduate, Ege University, Fen Bilimleri Enstitüsü, Bahçe Bitkileri (YI) (Tezli), Turkey 2010 - 2014

Undergraduate, Ege University, Ziraat Fakültesi, Ziraat Mühendisliği Bölümü, Turkey 2006 - 2010

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Stres koşullarının roka (*Eruca sativa* Mill.) bitkisinin verim parametreleri ve antioksidan savunma sistemi üzerine etkileri, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Tarımsal Biyoteknoloji (Dr), 2022

Postgraduate, Glukozidaz enziminin çeşitli doğal moleküllerle inhibisyon kinetiğinin incelenmesi, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Tarımsal Biyoteknoloji (YI) (Tezli), 2015

Postgraduate, Üzümün farklı gelişme dönemlerinde ifade edilen genlerin cDNA kütüphanesi taranarak belirlenmesi, Ege University, Fen Bilimleri Enstitüsü, Bahçe Bitkileri (YI) (Tezli), 2014

Academic Titles / Tasks

Research Assistant, Ondokuz Mayıs University, Ziraat Fakültesi, Tarımsal Biyoteknoloji Bölümü, 2012 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

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

Olçay 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. **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

- II. **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

- III. **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

- IV. **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

- V. **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

- VI. **PARTIAL PURIFICATION OF CARBONIC ANHYDRASE ENZYME FROM BROWN MEAGRE (Sciaenaumbra) 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

- VII. **Partial Purification of B glucosidase enzyme from soybean Glycine max and determination of inhibitory effects of two quercetin derivatives on enzyme activity**

OLCAY A. C., bilir g., taş ö., deniz m., EKİNCİ D.

7th International Conference "Biosystems Engineering 2016" May 12-13, 2016 in Tartu, Estonia, 12 - 13 May 2016