

Lect. PhD Gülen YEŞİLÖREN AKAL

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Gıda Mühendisliği (Dr), Turkey 2013 - 2019

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Gıda Mühendisliği (YI) (Tezli), Turkey 2010 - 2012

Undergraduate, Ankara University, Mühendislik Fakültesi, Gıda Mühendisliği Bölümü, Turkey 2005 - 2010

Dissertations

Doctorate, Siyah havuç posasından antosiyanin ekstraksiyonu, Ankara University, Fen Bilimleri Enstitüsü, Gıda Mühendisliği (Dr), 2019

Postgraduate, Asitliğin azaltılması yolu ile tüketime hazır vişne suyu üretim olanağı, Ankara University, Fen Bilimleri Enstitüsü, Gıda Mühendisliği (YI) (Tezli), 2012

Research Areas

Quality and Production Management, Food Engineering, Food Chemistry, Food Microbiology, Food Additives, Fruits, Vegetables and Nuts

Academic Titles / Tasks

Lecturer, Ondokuz Mayıs University, Karadeniz İleri Teknoloji Araştırma ve Uygulama Merkezi, 2020 - Continues

Academic and Administrative Experience

Rektörlük Kalite Komisyonu Üyesi, Ondokuz Mayıs University, 2021 - Continues

Deputy Director of the Center, Ondokuz Mayıs University, Karadeniz İleri Teknoloji Araştırma ve Uygulama Merkezi, 2020 - 2022

Courses

Girişimcilik ve Yenilikçilik, Undergraduate, 2023 - 2024

Jury Memberships

Post Graduate, Post Graduate, İstanbul Üniversitesi, June, 2019

Articles Published in Other Journals

- I. **KONVANSİYONEL EKSTRAKSİYONA ALTERNATİF: YEŞİL TEKNOLOJİLER**
KUTLU KANTAR N., YEŞİLÖREN AKAL G., İŞÇİ YAKAN A., ŞAKIYAN DEMİRKOL Ö.
GIDA, vol.42, no.5, 2017 (Peer-Reviewed Journal)
- II. **Gıda Analiz Laboratuvarları için Akreditasyon Süreci ve Gerekliliği**
YEŞİLÖREN AKAL G., Karataş S.
DÜNYA GIDA, vol.9, 2015 (Non Peer-Reviewed Journal)
- III. **VIŞNE SUYU ASİTLİĞİNİN AZALTILMASI İÇİN NÖTRALİZASYON ALTERNATİFİ**
YEŞİLÖREN AKAL G., EKŞİ A.
GIDA, vol.40, no.3, 2015 (Peer-Reviewed Journal)
- IV. **TÜRKİYE'DE GIDA ENDÜSTRİSİ KAYNAKLI BİYOKÜTLE VE BİYORYAKIT POTANSİYELİ**
DENİZ E., YEŞİLÖREN AKAL G., ÖZDEMİR ORHAN N., İŞÇİ YAKAN A.
GIDA, vol.40, no.1, pp.47-54, 2015 (Peer-Reviewed Journal)
- V. **FOOD AUTHENTICITY AND CONTROL METHODS**
YEŞİLÖREN AKAL G., EKŞİ A.
GIDA, 2014 (Peer-Reviewed Journal)
- VI. **Domates suyunun kimyasal bileşenleri ve fonksiyonel özellikleri**
YEŞİLÖREN AKAL G., EKŞİ A.
DÜNYA GIDA, 2011 (Non Peer-Reviewed Journal)

Books & Book Chapters

- I. **GREEN ANALYTICAL TECHNIQUES FOR FOOD INDUSTRY**
Yeşilören Akal G.
in: SOME NOVEL APPLICATIONS IN THE FOOD INDUSTRY, Prof. Dr. Osman Kılınççeker, Editor, Serüven Yayınevi, Ankara, pp.13-30, 2023
- II. **Good Laboratory Practices: Differences According To New Version of ISO/IEC 17025, Applications and Regulations in Food Analysis**
Yeşilören Akal G.
in: INTERNATIONAL RESEARCH IN ENGINEERING SCIENCES, Assoc. Prof. Alper BİDECI, Ph.D., Editor, Platanus Publishing, Ankara, pp.330-364, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **Comparison of ultrasonic and microwave assisted extraction of anthocyanins and phenolic compounds from black carrot pomace**
YEŞİLÖREN AKAL G., İŞÇİ YAKAN A., ŞAKIYAN DEMİRKOL Ö.
3rd International Congress on Food Technology, 10 - 12 October 2018
- II. **Drying Characteristics Of Red Beet And Mathematical Modelling**
KUTLU KANTAR N., DEMİREL E., PEKGÖZ F., TUNCER G., TAŞ P., YEŞİLÖREN AKAL G., İŞÇİ YAKAN A., ŞAKIYAN

DEMİRKOL Ö.

The 3rd International Symposium on "Traditional Foods from Adriatic to Caucasus", 1 - 04 October 2015

III. **Determination And Modelling Of Microwave Drying Characteristics Of Red Beet**

KUTLU KANTAR N., DEMİREL E., TUNCER G., TAŞ P., YEŞİLÖREN AKAL G., ŞAKIYAN DEMİRKOL Ö., İŞÇİ YAKAN A.

The 3rd International Symposium on "Traditional Foods from Adriatic to Caucasus", 1 - 04 October 2015

IV. **Ultrasonic assisted extraction of phenolic compounds and anthocyanins from black carrot pomace**

YEŞİLÖREN AKAL G., İŞÇİ YAKAN A., ŞAKIYAN DEMİRKOL Ö.

Innovations in Food Science & Technology, 10 - 12 May 2017

V. **Chemical Composition of Apple Juice From Domestic Variety Demir Grown in Turkey**

YEŞİLÖREN AKAL G., Tufan C., EKŞİ A.

The 2nd International Symposium on "Traditional Foods from Adriatic to Caucasus, 24 - 26 October 2013

VI. **Sea fennel (*Crithmum maritimum* L., Apiaceae) Leaves and Its Pickle as a Traditional Food**

Tufan C., YEŞİLÖREN AKAL G.

The 2nd International Symposium on "Traditional Foods from Adriatic to Caucasus, 24 - 26 October 2013

VII. **The quality change of rice stored at different conditions**

YEŞİLÖREN AKAL G., EKŞİ A., ŞAKIYAN DEMİRKOL Ö., İŞÇİ YAKAN A., Arısoy E., Akıncı İ.

Euro food chem XVII, 7 - 10 May 2013

VIII. **The effect of deacidification by neutralization on the chemical composition of sourcherry juice**

YEŞİLÖREN AKAL G., EKŞİ A.

Euro food chem XVII, 7 - 10 May 2013

IX. **Investigation of shelf-life of various fresh foods during cold storage in different refrigerators**

ŞAKIYAN DEMİRKOL Ö., İŞÇİ YAKAN A., YEŞİLÖREN AKAL G., Kılıç S., EKŞİ A., Arısoy E.

NAFI (International Food Congress Novel Approaches in Food Industry), 26 - 29 May 2011

X. **Shelf-life of zucchini and eggplant in different refrigerators.**

İŞÇİ YAKAN A., ŞAKIYAN DEMİRKOL Ö., Kılıç S., YEŞİLÖREN AKAL G., EKŞİ A., Arısoy E.

NAFI (International Food Congress Novel Approaches in Food Industry), 26 - 29 May 2011

Supported Projects

YEŞİLÖREN AKAL G., Project Supported by Higher Education Institutions, Siyah Havuç Posasından Antosiyanin Ekstraksiyonu, 2015 - 2017

Scientific Refereeing

Journal of Food Measurement and Characterization, SCI Journal, October 2023

GIDA, National Scientific Refreed Journal, January 2023

GIDA, National Scientific Refreed Journal, September 2022

International Journal of Plant & Soil Science, Other Indexed Journal, July 2022

Avrupa Bilim ve Teknoloji Dergisi, National Scientific Refreed Journal, May 2022

Scientific Research / Working Group Memberships

Mygreen Lab Ambassador Program, Ondokuz Mayıs University, Türkiye, <https://www.mygreenlab.org/ambassador-program>, 2022 - Continues

Scholarships

2211-E Dogrudan Yurt İçi Doktora Burs Programı, TUBİTAK, 2012 - 2019

2228-Son Sınıf Lisans Öğrencileri için Lisansüstü (Yüksek Lisans/Doktora) Burs Programı, TUBİTAK, 2010 - 2012