

Res. Asst. Hüseyin DEMİRCAN

Personal Information

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Address: YTÜ Davutpaşa Kampusu, Kimya Metalurji Fakültesi, Gıda Mühendisliği Bölümü Oda: A-144, 34210, Esenler/Istanbul

Education Information

Doctorate, Yildiz Technical University, Kimya-Metalurji Fakültesi, Gıda Mühendisliği Bölümü, Turkey 2018 - Continues

Postgraduate, Bursa Technical University, Faculty Of Engineering And Natural Sciences, Department Of Food Engineering, Turkey 2016 - 2018

Undergraduate, Gaziantep University, Faculty Of Engineering, Department Of Food Engineering (English), Turkey 2009 - 2014

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, Farklı fenolik bileşiklerin enkapsülasyonunda bazı gamların etkilerinin belirlenmesi, Bursa Teknik Üniversitesi, Mühendislik Ve Doğa Bilimleri Fakültesi, Gıda Mühendisliği Bölümü, 2018

Research Areas

Food Engineering, Food Science, Food Chemistry, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Gıda Mühendisliği Bölümü, 2019 - Continues

Research Assistant, Bursa Technical University, Faculty Of Engineering And Natural Sciences, Department Of Food Engineering, 2016 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

I. Rheological and microstructural characterization of royal jelly at different temperatures

Saricaoglu F. T., Cinar A., Demircan H., Oral R. A.

JOURNAL OF FOOD PROCESS ENGINEERING, vol.42, no.8, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **Sıcaklık ve Farklı Kıvam Verici Maddelerin Ketçabın Reolojik Özellikleri Üzerine Etkileri**
Bildir B., DEMİRCAN H., Oral R. A.
AVRUPA BİLİM VE TEKNOLOJİ DERGİSİ, pp.157-163, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Some Rheological Properties of Different Hydrocolloid Solutions and Their Effect on Encapsulation Efficiency**
DEMİRCAN H., Oral R. A.
The International Symposium on Food Rheology and Texture, İstanbul, Turkey, 19 October 2018
- II. **Effects of Temperature and Different Thickeners on Rheological Properties of Ketchup**
Bildir B., DEMİRCAN H., Oral R. A.
3rd International Congress on Food Technology, Nevşehir, Turkey, 10 October 2018
- III. **Relationship Between Cholesterol and Diet**
DEMİRCAN H., Bildir B., Oral R. A.
3rd International Congress on Food Technology, Nevşehir, Turkey, 10 October 2018
- IV. **The Effect of Flow Rate and Injection Time on Encapsulation Efficiency**
DEMİRCAN H., Kahraman S., Oral R. A.
International Conference on Raw Materials to Processed Foods, Antalya, Turkey, 11 April 2018
- V. **Determination of Some Pomological and Physicochemical Properties of Deer Apple Fruits (*Malus trilobata* v *Eriolobus trilobatus*) Grown in Mediterranean Region**
DEMİRCAN H., SAĞDIÇ O., US A. A., KAYACAN S., Özkan K., Oral R. A., Sarioğlu K.
International Conference on Raw Materials to Processed Foods, Antalya, Turkey, 11 April 2018
- VI. **Investigation of the Effects of Some Wall Materials and Encapsulation Techniques on Microencapsulation of Olive Leaf Extract**
Kahraman S., DEMİRCAN H., Oral R. A.
International Conference on Agriculture, Forest, Food Sciences and Technologies, İzmir, Turkey, 02 April 2018
- VII. **Antibiotics and Pesticides in Poultry Sector**
Bildir B., DEMİRCAN H., Oral R. A.
International Conference on Agriculture, Forest, Food Sciences and Technologies, İzmir, Turkey, 02 April 2018
- VIII. **Edible Packaging Technology: Its Development and Future**
DEMİRCAN H., Oral R. A.
17th International Nutrition and Diagnostics Conference, Prag, Czech Republic, 09 October 2017
- IX. **Investigation of Antimicrobial Activity of Deer Apple Fruits (*Malus trilobata* v *Eriolobus trilobatus*)**
DEMİRCAN H., ÖZKAN K., KAYACAN S., US A. A., SARIOĞLU K., ORAL R. A., SAĞDIÇ O.
17th International Nutrition and Diagnostics Conference, 9 - 12 October 2017
- X. **Determination of Drying Behaviour of Deer Apple Fruits (*Malus trilobata* v *Eriolobatus trilobatus*)**
DEMİRCAN H., ÖZKAN K., KAYACAN S., US A. A., SARIOĞLU K., ORAL R. A., SAĞDIÇ O.
17th International Nutrition and Diagnostics Conference, 9 - 12 October 2017

Supported Projects

DEMİRCAN H., Project Supported by Higher Education Institutions, Nar Kabuğu Ekstraktından Punikalagin Bileşiğinin Saflaştırılması ve Ekstraktın Soğuk Jelleşme Yöntemi ile Mikroenkapsülasyon Olanaklarının Araştırılması, 2018 - Continues

DEMİRCAN H., Project Supported by Other Official Institutions, Mikroenkapsüle Arı Sütü Üretimi; Kapsüllerin, Taze ve Liyofilize Arı Sütü ile Fizikokimyasal Özellikleri ve Biyolojik Aktiviteleri Yönünden Kıyaslanması ve Depolama Stabilitésinin Belirlenmesi, 2018 - Continues

DEMİRCAN H., Project Supported by Higher Education Institutions, Siyah Sarımsak Ekstraktının Antimikrobiyal,

Antioksidan ve Genotoksik Etkilerinin Belirlenmesi ve Mikroenkapsüle Edilerek Kraker Üretiminde Kullanım Olanaklarının Araştırılması, 2018 - Continues

DEMİRCAN H., Project Supported by Higher Education Institutions, Mikrodalga, Sıcak Hava ve Mikrodalga-Sıcak Hava Kombinasyonu Kurutma Yöntemlerinin, Beyaz Kiraz Meyvesinin (Starks Gold) Bazı Kalite Parametreleri Üzerine Etkilerinin Araştırılması, 2018 - Continues

DEMİRCAN H., Project Supported by Higher Education Institutions, Farklı Fenolik Bileşiklerin Enkapsülasyonunda Bazı Gamların Etkilerinin Belirlenmesi, 2017 - 2018

DEMİRCAN H., Project Supported by Higher Education Institutions, Akdeniz Bölgesinde Yetişen Geyik Elması (Malus trilobata v Eriolobus trilobatus) Ağacından Elde Edilen Meyvelerin Bazı Özelliklerinin Belirlenmesi, 2016 - 2017

Metrics

Publication: 12

Congress and Symposium Activities

The International Symposium on Food Rheology and Texture, Attendee, İstanbul, Turkey, 2018

International Conference on Agriculture, Forest, Food Sciences and Technologies, Attendee, İzmir, Turkey, 2018

International Conference on Raw Materials to Processed Foods, Attendee, Antalya, Turkey, 2018

17th International Nutrition and Diagnostics Conference, Attendee, Praha, Czech Republic, 2017