

Res. Asst. PhD TUĞBA DURSUN ÇAPAR

Personal Information

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Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Gıda Teknolojisi, Turkey 2014 - 2020

Post Graduate, Erciyes Üniversitesi, Mühendislik Fakültesi, Gıda Mühendisliği , Turkey 2011 - 2014

Under Graduate, Kobenhavns Universitet (University Of Copenhagen), Life Science Faculty, Food Science, Denmark 2008 - 2009

Under Graduate, Hacettepe Üniversitesi, Mühendislik Fakültesi, Gıda Mühendisliği, Turkey 2004 - 2009

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Education Management and Planning, TÜBİTAK ARDEB Fen ve Mühendislik Alanlarında Proje Yazma Eğitimi, Erciyes Üniversitesi Teknopark, 2017

Education Management and Planning, Is Employee Motivation Really the Key to Performance ?, Psychology Department, 2011

Education Management and Planning, Protokol ve Yönetimi, Davranış Bilgisi, Uzman Nihat AYTÜRK, 2010

Education Management and Planning, Kişisel Gelişim Günleri, Hacettepe Üniversitesi, 2008

Dissertations

Doctorate, LUTEİN VE LİKOPEN ENKAPSÜLASYONUNUN OPTİMİZASYONU VE BİYİYARARLILIĞININ ARTIRILMASI, Erciyes University, Fen Bilimleri Enstitüsü, 2020

Post Graduate, Kızartma Öncesi Patateslere Uygulanan Kurutma İşleminin Kızartma Yağı ve Patates Kalitesi Üzerine Etkisi, Erciyes Üniversitesi, Mühendislik Fakültesi, Gıda Mühendisliği , 2014

Research Areas

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

Academic Titles / Tasks

Research Assistant, Erciyes Üniversitesi, Mühendislik Fakültesi, Gıda Mühendisliği , 2013 - Continues

Professional Experience

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Formulation of functional crackers enriched with germinated lentil extract: A Response Surface Methodology Box-Behnken Design**
Polat H., Capar T., Inanir C., EKİCİ L., YALÇIN H.
LWT-FOOD SCIENCE AND TECHNOLOGY, vol.123, 2020 (Journal Indexed in SCI)
- **Rheological analysis for detection of extra virgin olive oil adulteration with vegetable oils: predicting oil type by artificial neural network**
Dursun Çapar T., Kavuncuoğlu H., Yalçın H., Toğa G.
QUALITY ASSURANCE AND SAFETY OF CROPS & FOODS, vol.11, pp.687-699, 2019 (Journal Indexed in SCI)
- **Oxidative stability of extra virgin olive oil blended with sesame seed oil during storage: an optimization study based on combined design methodology**
KAVUNCUOĞLU H., Capar T., Karaman S., YALÇIN H.
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.11, pp.173-183, 2017 (Journal Indexed in SCI)
- **Effects of pre-drying on the quality of frying oil and potato slices**
Capar T., Yalçın H.
QUALITY ASSURANCE AND SAFETY OF CROPS & FOODS, vol.9, pp.255-264, 2017 (Journal Indexed in SCI)
- **The effects of packaging type on the quality characteristics of fresh raw pistachios (*Pistacia vera* L.) during the storage**
Ozturk I., SAĞDIÇ O., YALÇIN H., Capar T., Asyali M. H.
LWT-FOOD SCIENCE AND TECHNOLOGY, vol.65, pp.457-463, 2016 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Effects of Extra Virgin Olive and Riviera Olive Oil Addition on the Properties of Butter: an Optimization Study Based on D-Optimal Mixture Design**
Yalçın H., Dursun Çapar T., Kavuncuoğlu H.
Avrupa Bilim ve Teknoloji Dergisi, pp.546-555, 2019 (Other Refereed National Journals)
- **KAKAO YAĞI ALTERNATİFLERİ ve FRAKSİYONE KRİSTALİZASYON YÖNTEMİ İLE KAKAO YAĞI İKAMESİ ÜRETİMİ**
Kavuncuoğlu H., Dursun Çapar T., Yalçın H.
Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.8, pp.857-862, 2019 (National Refreed University Journal)
- **Skualen ve Sağlık Üzerine Etkisi**
Dursun Çapar T., Kavuncuoğlu H., Yalçın H.
Zeytin Bilimi, pp.13-19, 2018 (Other Refereed National Journals)

Book & Book Chapters

- **Bioactive Compounds of Fruits and Vegetables**
Yalçın H., Dursun Çapar T.
in: Minimally Processed Refrigerated Fruits and Vegetables, Yıldız F., Wiley R.C., Editor, Springer, London/Berlin , New-York, pp.723-745, 2017
- **Gıda İşletmelerinde Hijyen ve İş Güvenliği**
DURSUN ÇAPAR T., YALÇIN H.
in: İŞ SAĞLIĞI ve GÜVENLİĞİ, ALTIN Mustafa - TAŞDEMİR Şakir, Editor, Eğitim Yayınevi, Konya, pp.779-801, 2016

Refereed Congress / Symposium Publications in Proceedings

- **Advantages of Ultrasound-Assisted Extraction of Oleaginous Seeds**
Yalçın H., Dursun Çapar T., Dedebaş T., Ekici L.

IV. YABİTED Bitkisel Yağ Kongresi, İstanbul, Turkey, 18 - 19 April 2019, pp.29

- Dedebaş T., Dursun Çapar T., Ekici L., Yalçın H.

IV. YABİTED Bitkisel Yağ Kongresi, İstanbul, Turkey, 18 - 19 April 2019, pp.27

- **PULSED ELECTRIC FIELD (PEF) USAGE IN EXTRA VIRGIN OLIVE OIL PRODUCTION**

DURSUN ÇAPAR T., KAVUNCUOĞLU H., YALÇIN H.

3rd III.International Congress on Vocational and Technical Sciences (UMTEB-III), Gaziantep, Turkey, 21 - 22 June 2018, pp.1

- **Hyperspectral Imaging For Food Quality and Control**

DURSUN ÇAPAR T., KAVUNCUOĞLU H., KAVUNCUOĞLU E., YALÇIN H.

3rd III.International Congress on Vocational and Technical Sciences (UMTEB-III), Gaziantep, Turkey, 21 - 22 June 2018, pp.352

- **PROTEİN VE POLİSAKKARİT KONJUGASYONUNUN ENKAPSÜLASYON MATERYALİ OLARAK KULLANILMASI**

DURSUN ÇAPAR T., KAVUNCUOĞLU H., YALÇIN H.

3rd III.International Congress on Vocational and Technical Sciences (UMTEB-III), Gaziantep, Turkey, 21 - 22 June 2018, pp.1

- **Nanokompozit Bazlı Aktif Gıda Ambalaj Filmleri**

KAVUNCUOĞLU H., DURSUN ÇAPAR T., KAVUNCUOĞLU E., YALÇIN H.

3rd III.International Congress on Vocational and Technical Sciences (UMTEB-III), Gaziantep, Turkey, 21 - 22 June 2018, pp.353

- **Improving a Novel Functional Butter: Blended with Extra Virgin Olive Oil and Riviera Olive Oil**

YALÇIN H., DURSUN ÇAPAR T., KAVUNCUOĞLU H.

II. International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.1

- **Steady and dynamic rheological analysis as a novel approach to detection of extra virgin olive oil adulteration with vegetable oils**

DURSUN ÇAPAR T., KAVUNCUOĞLU H., YALÇIN H.

International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.1

- **Fraksiyone Kristalizasyon ile Kakao Yağı İkamesi Üretimi**

KAVUNCUOĞLU H., DURSUN ÇAPAR T., YALÇIN H.

International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.1

- **Susam tohumu yağı ile karıştırılan sızma zeytinyağının depolama sırasındaki stabilitesi**

KAVUNCUOĞLU H., DURSUN ÇAPAR T., YALÇIN H.

International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.1

- **Skualen ve Sağlık Üzerine Etkisi**

DURSUN ÇAPAR T., DEDEBAŞ T., KAVUNCUOĞLU H., SAĞDIÇ O., YALÇIN H.

III. Bitkisel Yağ Kongresi, İzmir, Turkey, 13 - 15 April 2017, pp.87

- **Effects of Pistachio Supplementation on Total Fat Content and Fatty Acid Composition of Simit Kebab**

BİRİŞİK C., DURSUN ÇAPAR T., EKİCİ L., MRGHNI AHMED A., YALÇIN H., YETİM H.

3rd International Symposium on Traditional Foods from Adriatic to Caucasus, Saraybosna, Bosnia And Herzegovina, 1 - 04 October 2015

- **Total phenolic contents, antioxidant activities and antioxidant capacities of some selected pepper seeds**

KAVUNCUOĞLU H., DURSUN ÇAPAR T., YALÇIN H., Güvendioğlu E., Yıldızhan B.

YABİTED- II. Bitkisel Yağ Kongresi, Tekirdağ, Turkey, 7 - 09 May 2015, pp.1

- **EFFECTS OF PRE-DRYING ON THE QUALITY OF FRYING OIL AND FRIED PATATOES**

YALÇIN H., DURSUN ÇAPAR T.

YABİTED- II. Bitkisel Yağ Kongresi, Tekirdağ, Turkey, 7 - 09 May 2015, pp.1

- **The Effect Of Pistachio Vera Supplementation On The Simit Kebab'S Phenolic Content And Antioxidant Activity**

BİRİŞİK C., DURSUN ÇAPAR T., EKİCİ L., MRGHNI AHMED A., YALÇIN H., YETİM H.

7th International Conference and Exhibition on Nutraceuticals and Functional Foods, İstanbul, Turkey, 14 - 17 October 2014, pp.1

- **Pre-drying effects on the quality of frying oil**

YALÇIN H., DURSUN ÇAPAR T.

International Conference on Food Engineering and Biotechnology, Barcelona, Spain, 27 - 28 February 2014, pp.1

Supported Projects

YALÇIN H., DURSUN ÇAPAR T., Project Supported by Higher Education Institutions, KIZARTMA ÖNCESİ PATATESLERE UYGULANAN KURUTMA İŞLEMİNİN KIZARTMA YAĞI VE PATATES KALİTESİ ÜZERİNE ETKİSİ, 2014 - 2015

Scientific Refereeing

JOURNAL OF OLEO SCIENCE, Journal Indexed in SCIE, April 2020

Journal Of Food Processing And Preservation, Journal Indexed in SCIE, April 2020

JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Journal Indexed in SCIE, September 2019

JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Journal Indexed in SCIE, May 2019

JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Journal Indexed in SCIE, April 2019

Quality Assurance Safety of Crops and Products, Journal Indexed in SCIE, March 2019

JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Journal Indexed in SCIE, September 2018

JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Journal Indexed in SCIE, July 2018

JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Journal Indexed in SCIE, April 2018

JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Journal Indexed in SCIE, March 2018

Quality Assurance and Safety of Crops and Foods, Journal Indexed in SCIE, December 2017

Quality Assurance And Safety Of Crops & Foods, Journal Indexed in SCIE, May 2017

Quality Assurance and Safety of Crops and Foods, Journal Indexed in SCIE, February 2017

Invited Congress and Symposium Activities

IV. YABİTED Bitkisel Yağ Kongresi, Working Group, İstanbul, Turkey, 2019

3rd III.International Congress on Vocational and Technical Sciences (UMTEB-III), Attendee, Gaziantep, Turkey, 2018

II. International Mediterranean Science and Engineering Congress, Attendee, Adana, Turkey, 2017

YABİTED III. Bitkisel Yağ Kongresi, Attendee, İzmir, Turkey, 2017

ISNFF- 2014 Annual Conference & Exhibition Functional Foods, Nutraceuticals, Natural Health Products and Dietary Supplements, Attendee, İstanbul, Turkey, 2014

International Conference on Food Engineering and Biotechnology, Attendee, Barselona, Spain, 2014

Citations

Total Citations (WOS):20

h-index (WOS):2

Scholarships

2211-C Öncelikli Alanlara Yönelik Yurt İçi Doktora Burs Programı , TUBİTAK, 2018 - Continues

Hayat Boyu Öğrenme Programı, Other International Organizations, 2008 - 2008