

Prof. AYHAN TOPUZ

Personal Information

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International Researcher IDs

ORCID: 0000-0002-6610-9143

Publons / Web Of Science ResearcherID: B-8548-2016

ScopusID: 6602174974

Yoksis Researcher ID: 124713

Education Information

Post Doctorate, Illinois State University, Faculty Of Agriculture, Food Science And Human Nutrition, United States Of America 2007 - 2008

Doctorate, Akdeniz University, Institute of Science, Gıda Mühendisliği, Turkey 1998 - 2002

Postgraduate, Akdeniz University, Institute of Science, Gıda Mühendisliği, Turkey 1995 - 1998

Undergraduate, Ege University, Faculty Of Engineering, Gıda Mühendisliği, Turkey 1991 - 1995

Dissertations

Doctorate, The effects of different gamma irradiation doses and storage on some chemical, microbiological and sensory qualities of paprika (*Capsicum annuum* L.), Akdeniz University, Institute of Science, 2002

Postgraduate, Determination of some physical, chemical properties of loquat cultivars (*Eriobotrya japonica* L.) and possibilities of their being processed into marmalade, nectar and canned fruit, Akdeniz University, Institute of Science, 1998

Research Areas

Food Engineering, Food Technology, Fruits, Vegetables and Nuts, Food Processing (pasteurisation, sterilisation, refrigeration, lyophilisation, etc.), Engineering and Technology

Academic Titles / Tasks

Professor, Akdeniz University, Faculty of Engineering, Department of Food Engineering, 2014 - Continues

Associate Professor, Akdeniz University, Faculty of Engineering, Department of Food Engineering, 2009 - 2014

Assistant Professor, Akdeniz University, Faculty of Agriculture, Food Engineering, 2005 - 2009

Lecturer PhD, Akdeniz University, Faculty of Agriculture, Food Engineering , 2002 - 2005

Research Assistant, Akdeniz University, Institute of Science, Food Engineering, 1995 - 2002

Academic and Administrative Experience

Akdeniz University, Gıda Güvenliği Ve Tarımsal Araştırmalar Merkezi, 2011 - Continues

Head of Department, Akdeniz University, Faculty Of Engineering, Department of Food Engineering, 2019 - 2022

Akdeniz University, Faculty of Engineering, 2016 - 2021

Akdeniz University, 2013 - 2021

Akdeniz University, Mühendislik Fakültesi, Gıda Mühendisliği , 2015 - 2016

Akdeniz University, Mühendislik Fakültesi, 2009 - 2014

Akdeniz University, Mühendislik Fakültesi, Gıda Mühendisliği , 2009 - 2012

Courses

MEYVE VE SEBZE İŞLEME TEKNOLOJİSİ, Undergraduate, 2020 - 2021

KÜTLE VE ENERJİ DENKLİKLERİ, Undergraduate, 2020 - 2021

ISI AKTARIMI, Undergraduate, 2020 - 2021

GIDA LABORATUVAR TEKNİĞİ, Undergraduate, 2019 - 2020

Advising Theses

TOPUZ A., KARADUT MEYVESİNİN SICAK HAVA VE KAPALI DÖNGÜ MODİFİYE ATMOSFERDE KURUTULMASI, Postgraduate, B.AKGÜN(Student), 2019

TOPUZ A., Farklı kurutma yöntemleri ile kurutulan pektinlerin fizikokimyasal özellikleri ile jel performanslarının karşılaştırılması, Postgraduate, T.ATBAKAN(Student), 2019

TOPUZ A., Farklı kurutma yöntemleri ile biyoaktif bileşenlerce zengin portakal tozu üretimi, Postgraduate, S.AŞIK(Student), 2019

TOPUZ A., Farklı yöntemlerle kurutulmuş kamkatın (*Fortunella margarita* Swing.) bazı kalite özellikleri ve depolamaya bağlı değişimi, Doctorate, D.YILDIZ(Student), 2019

TOPUZ A., Yakıcılık hissi baskılanmış kapsaisin mikrokapsüllerinin üretimi ve ürün stabilitesinin belirlenmesi, Doctorate, Z.GÜNEL(Student), 2019

TOPUZ A., Karanfil Çiçeğinden Antosiyanin Ekstraktı Eldesi Ve Doğal Gıda Renklendiricisi Olarak Stabilitesinin İncelenmesi, Postgraduate, E.Vural(Student), 2017

TOPUZ A., Kırınım pencere (Refractance window) ve mikrodalga destekli sıcak hava kurutma teknikleri ile fonksiyonel bileşenlerce zengin nar pestili üretimi, Doctorate, İ.TONTUL(Student), 2017

TOPUZ A., Ön işlemlerle kombine uygulanan kapalı döngü modifiye atmosfer kurutmanın bazı meyvelerin karakteristik özellikleri üzerine etkisi, Doctorate, İ.Burak(Student), 2016

TOPUZ A., Dilimlenerek Dondurulan Kırmızıbiberin Bazı Fiziksel ve Kimyasal Kalite Özellikleri Üzerine Ön İşlem Olarak Uygulanan Ozmotik Kurutmanın Etkisi, Postgraduate, H.BAŞÜNAL(Student), 2016

TOPUZ A., Increase of 1,8-cineole content and antioxidative properties of *Laurus nobilis* oils by different leaves pretreatment and distillation methods, Postgraduate, S.MIRANDA(Student), 2016

TOPUZ A., Ön işlemlere kombine uygulanan kapalı döngü modifiye atmosfer kurutmanın bazı meyvelerin karakteristik özellikleri üzerine etkisi, Doctorate, İ.Burak(Student), 2016

TOPUZ A., Çözünür Kuşburnu Çayı Üretiminde Ekstraksiyon ve Kurutma Optimizasyonu, Postgraduate, E.EROĞLU(Student), 2015

TOPUZ A., The effects of microencapsulation of pistachio nut (*Pistachio vera* L.) oil on its physical properties, Postgraduate, F.KOCABIYIK(Student), 2014

TOPUZ A., Ultrases pastörizasyon ve membran konsantrasyon yöntemlerinin karadut (*Morus nigra* L.) suyu konsantresi üretiminde uygulanabilirliğinin araştırılması, Doctorate, C.DİNÇER(Student), 2014

TOPUZ A., Keten tohumu yağının püskürterek kurutmaya mikroenkapsülasyonu üzerine farklı taşıyıcı madde ve emülsiyon uygulamalarının etkilerinin araştırılması, Postgraduate, İ.Tontul(Student), 2011

TOPUZ A., Bergamut ve limon kabuğu uçucu yağının kapsülasyonu ve elde edilen ürünün özelliklerinin belirlenmesi, Postgraduate, K.Sultan(Student), 2010

TOPUZ A., Helva ve lokum üretimi amaçlı çöven konsantresi ve çöven tozu üretimi, Postgraduate, İ.Burak(Student), 2010
TOPUZ A., Bazı Adaçayı (Salvia spp.) ve Dağ Çayı (Sideritis spp.) Türlerinin Kimyasal ve Duyusal Özelliklerinin Belirlenmesi, Postgraduate, C.Dinçer(Student), 2007

Jury Memberships

Doctoral Examination, Yeterlik Sınavı, Ege Üniversitesi Fen Bilimleri Enstitüsü, February, 2021
Appointment to Academic Staff-Assistant Professorship, Profesör Atama Jüri Üyeliği, Trakya Üniversitesi, February, 2021
Doctoral Examination, Yeterlik Sınavı, Mehmet Akif Ersoy Üniversitesi Fen Bil. Enstitüsü, February, 2021
Doctorate, Doktora Tez Savunma Sınavı, Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü, January, 2021
Doctoral Examination, Yeterlik Sınavı, Akdeniz Üniversitesi Fen Bilimleri Enstitüsü, January, 2021
Doctoral Examination, Yeterlik Sınavı, Akdeniz Üniversitesi Fen Bilimleri Enstitüsü, June, 2020
Doctorate, Negin Azarabadi'nin Doktora Savunma Sınavı, Akdeniz Üniversitesi Fen Bilimleri Enstitüsü, July, 2019
Doctorate, Ferhan Balcı Torun'un Doktora Savunma Sınavı, Akdeniz Üniversitesi Fen Bilimleri Enstitüsü, July, 2019
Post Graduate, Serenay Aşık'ın Yüksek Lisans Savunma Sınavı, Akdeniz Üniversitesi Fen Bilimleri Enstitüsü, July, 2019
Post Graduate, Melis Özgüner Kabak'ın Yüksek Lisans Savunma Sınavı, Akdeniz Üniversitesi Fen Bilimleri Enstitüsü, July, 2019
Post Graduate, Tuğçe Atbakan'ın Yüksek Lisans Savunma Sınavı, Akdeniz Üniversitesi Fen Bilimleri Enstitüsü, July, 2019
Doctoral Examination, Doktora Yeterlik Yazılı ve Sözlü Sınavları, Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü, May, 2019
Appointment to Academic Staff-Assistant Professorship, Bilim Jürisi, Aydın Adnan Menderes Üniversitesi, April, 2019
Doctorate, Araş. Gör. Firuze ERGİN'in Doktora Tez Savunma Sınavı, Akdeniz Üniversitesi Fen Bilimleri Enstitüsü, April, 2019
Doctorate, Demet YILDIZ TURGUT'un Doktora Savunma Sınavı, Akdeniz Üniversitesi Fen Bilimleri Enstitüsü, February, 2019
Doctorate, Zehra Günel'in Doktora Savunma Sınavı, Akdeniz Üniversitesi Fen Bilimleri Enstitüsü, January, 2019
Doctorate, Bilim Jürisi, Ege Üniversitesi, January, 2019
Associate Professor Exam, Doçentlik Sınav Jürisi, Akdeniz Üniversitesi, August, 2018
Doctorate, Doktora Tez Savunma Sınavı, Mersin Üniversitesi Fen Bilimleri Enstitüsü, February, 2018
Post Graduate, Yüksek Lisans Tez Savunma Jürisi, Akdeniz Üniversitesi Fen Bilimleri Enstitüsü, January, 2018
Post Graduate, Yüksek Lisans Tez Savunma Sınavı, Akdeniz Üniversitesi Fen Bilimleri Enstitüsü, April, 2017
Doctorate, Doktora Tez Savunması, Akdeniz Üniversitesi Fen Bilimleri Enstitüsü, March, 2017
Doctorate, Doktora Tez Savunması, Akdeniz Üniversitesi Fen Bilimleri Enstitüsü, January, 2017
Doctorate, Doktora Tez Savunma, Akdeniz Üniversitesi Fen Bilimleri Enstitüsü, January, 2017
Doctorate, Tez Savunma Jürisi, Akdeniz Üniversitesi Fen Bilimleri Enstitüsü, August, 2016
Post Graduate, Tez Savunma Jürisi, Akdeniz Üniversitesi Fen Bilimleri Enstitüsü, July, 2016
Doctorate, Tez Savunma Jürisi, Akdeniz Üniversitesi Fen Bilimleri Enstitüsü, February, 2015
Doctorate, Doktora Tez Savunması, Akdeniz Üniversitesi Fen Bilimleri Enstitüsü, January, 2015
Doctorate, Doktora Tez Savunması, Pamukkale Üniversitesi Fen Bilimleri Enstitüsü, January, 2015
Doctorate, Doktora Tez Sınav Jürisi, Atatürk Üniversitesi Fen Bilimleri Enstitüsü, December, 2014
Doctorate, Doktora Tez Sınav Jürisi, Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü, December, 2014
Post Graduate, Yüksek Lisans Tez Sınav Jürisi, Fen Bilimleri Enstitüsü, October, 2014
Doctorate, Tez Savunma Jürisi, Akdeniz Üniversitesi Fen Bilimleri Enstitüsü, August, 2014
Post Graduate, Yüksek Lisans Tez Sınav Jürisi, Fen Bilimleri Enstitüsü, June, 2013
Post Graduate, Yüksek Lisans Tez Sınav Jürisi, Fen Bilimleri Enstitüsü, December, 2012
Post Graduate, Yüksek Lisans Tez Sınav Jürisi, Fen Bilimleri Enstitüsü, December, 2012
Doctorate, Doktora Tez Sınav Jürisi, Fen Bilimleri Enstitüsü, August, 2012
Post Graduate, Yüksek Lisans Tez Sınav Jürisi, Fen Bilimleri Enstitüsü, August, 2012
Academic Staff Examination, Yabancı Dil Sınav Jüri Üyeliği, Mühendislik Fakültesi, February, 2012

Post Graduate, Yüksek Lisans Tez Sınav Jürisi , Fen Bilimleri Enstitüsü, December, 2011
Doctorate, Doktora Tez Sınav Jürisi , Fen Bilimleri Enstitüsü, November, 2011
Academic Staff Examination, Yabancı Dil Sınav Jürisi Üyeliği, Mühendislik Fakültesi, June, 2011
Doctorate, Doktora Tez Sınav Jürisi , Fen Bilimleri Enstitüsü, June, 2011
Academic Staff Examination, Yabancı Dil Sınav Jürisi Üyeliği, Mühendislik Fakültesi, March, 2011
Post Graduate, Yüksek Lisans Tez Sınav Jürisi , Fen Bilimleri Enstitüsü, February, 2011
Post Graduate, Yüksek Lisans Tez Sınav Jürisi , Fen Bilimleri Enstitüsü, December, 2010
Post Graduate, Yüksek Lisans Tez Sınav Jürisi , Fen Bilimleri Enstitüsü, July, 2010
Post Graduate, Yüksek Lisans Tez Sınav Jürisi , Fen Bilimleri Enstitüsü, June, 2010
Academic Staff Examination, Yabancı Dil Sınav Jürisi Üyeliği, Mühendislik Fakültesi, March, 2010
Appointment to Academic Staff-Assistant Professorship, Bili Sınavı Jürisi, Mühendislik Fakültesi, January, 2010
Post Graduate, Yüksek Lisans Tez Sınav Jürisi , Fen Bilimleri Enstitüsü, December, 2009
Post Graduate, Yüksek Lisans Tez Sınav Jürisi , Fen Bilimleri Enstitüsü, October, 2009
Academic Staff Examination, Bilim Jürisi, Mühendislik Fakültesi, August, 2009
Academic Staff Examination, Yabancı Dil Sınav Jürisi Üyeliği, Mühendislik Fakültesi, April, 2009
Doctorate, Doktora Tez Sınav Jürisi , Fen Bilimleri Enstitüsü, March, 2009
Post Graduate, Yüksek Lisans Tez Sınav Jürisi , Fen Bilimleri Enstitüsü, December, 2008
Post Graduate, Yüksek Lisans Tez Sınav Jürisi , Fen Bilimleri Enstitüsü, December, 2008
Doctorate, Doktora Tez Sınav Jürisi , Fen Bilimleri Enstitüsü, August, 2008
Post Graduate, Yüksek Lisans Tez Sınav Jürisi , Fen Bilimleri Enstitüsü, June, 2007

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Electrospraying of phytosterols and their controlled release characteristics under in vitro digestive conditions**
Başüenal Gülmez H., TOPUZ A.
Food Chemistry, vol.435, 2024 (SCI-Expanded)
- II. **Production of a herbal drink by spray drying of mixed purple basil extract-lemon juice; formulation, process optimization, and characterization**
Avazsoofian A., Başüenal Gülmez H., TOPUZ A., Malekjani N., Jafari S. M.
Drying Technology, 2024 (SCI-Expanded)
- III. **Recent progress in the stickiness reduction of sugar-rich foods during spray drying**
Samborska K., Sarabandi K., Tonon R., Topuz A., Eroğlu E., Kaymak-Ertekin F., Malekjani N., Jafari S. M.
DRYING TECHNOLOGY, vol.41, no.16, pp.2566-2585, 2023 (SCI-Expanded)
- IV. **Physicochemical properties and storage stability of Turkish coffee fortified with apricot kernel powder**
Günel Z., Parlak A., Adsoy M., TOPUZ A.
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.46, no.4, 2022 (SCI-Expanded)
- V. **Adsorption of dimethyl disulfide onto activated carbon cloth**
Mert Sivri F., Hoda N., Topuz A., Budama Akpolat L., Eroğlu E.
Turkish Journal of Chemistry, vol.46, no.3, pp.859-868, 2022 (SCI-Expanded)
- VI. **The impact of refractance window drying conditions on the physical and microbiological properties of kefir powder**
Tontul I., ERGİN F., EROĞLU E., KÜÇÜKÇETİN A., TOPUZ A.
Food Bioscience, vol.43, 2021 (SCI-Expanded)
- VII. **Quality characteristics of bone broth powder obtained through Refractance Window drying**
AYKIN DİNÇER E., Ozdemir M., TOPUZ A.
LWT-FOOD SCIENCE AND TECHNOLOGY, vol.147, 2021 (SCI-Expanded)
- VIII. **Production of pungency-suppressed capsaicin microcapsules by spray chilling**
Günel Z., Varhan E., Koc M., TOPUZ A., Sahin-Nadeem H.

FOOD BIOSCIENCE, vol.40, 2021 (SCI-Expanded)

- IX. **Growth, water use, yield and quality parameters in oregano affected by reduced irrigation regimes**
Hancioglu N. E., KURUNÇ A., TONTUL İ., TOPUZ A.
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, vol.101, no.3, pp.952-959, 2021 (SCI-Expanded)
- X. **Optimization of spray drying condition and wall material composition for myrtle extract powder using response surface methodology**
Asik S., Atbakan Kalkan T., TOPUZ A.
DRYING TECHNOLOGY, vol.39, pp.1869-1882, 2021 (SCI-Expanded)
- XI. **Storage stability of bioactive compounds of pomegranate leather (pestil) produced by refractance window drying**
Tontul I., TOPUZ A.
JOURNAL OF FOOD PROCESS ENGINEERING, vol.42, no.2, 2019 (SCI-Expanded)
- XII. **Irrigation water salinity effects on oregano (*Origanum onites* L.) water use, yield and quality parameters**
HANCIOĞLU N. E., KURUNÇ A., Tontul I., TOPUZ A.
SCIENTIA HORTICULTURAE, vol.247, pp.327-334, 2019 (SCI-Expanded)
- XIII. **Physical and chemical properties of cow cockle seeds (*Vaccaria hispanica* (Mill.) Rauschert) genetic resources of Turkey**
Cam I. B., Balci-Torun F., Topuz A., Ari E., Deniz I. G., Genç I.
INDUSTRIAL CROPS AND PRODUCTS, vol.126, pp.190-200, 2018 (SCI-Expanded)
- XIV. **Convective and refractance window drying of cornelian cherry pulp: Effect on physicochemical properties**
Tontul I., Eroglu E., Topuz A.
JOURNAL OF FOOD PROCESS ENGINEERING, vol.41, no.8, 2018 (SCI-Expanded)
- XV. **Physical and microbiological properties of yoghurt powder produced by refractance window drying**
Tontul I., Ergin F., Eroğlu E., Küçükçetin A., Topuz A.
INTERNATIONAL DAIRY JOURNAL, vol.85, pp.169-176, 2018 (SCI-Expanded)
- XVI. **The oxidative stability of flavoured virgin olive oil: the effect of the water activity of rosemary**
Kasimoğlu Z., Tontul I., SOYLU A., GULEN K., TOPUZ A.
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.12, no.3, pp.2080-2086, 2018 (SCI-Expanded)
- XVII. **Optimization of aqueous extraction and spray drying conditions for efficient processing of hibiscus blended rosehip tea powder**
Eroğlu E., Tontul I., Topuz A.
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.42, no.6, 2018 (SCI-Expanded)
- XVIII. **Production of pomegranate fruit leather (pestil) using different hydrocolloid mixtures: An optimization study by mixture design**
Tontul I., TOPUZ A.
JOURNAL OF FOOD PROCESS ENGINEERING, vol.41, no.3, 2018 (SCI-Expanded)
- XIX. **Functional properties of chickpea protein isolates dried by refractance window drying**
Tontul I., Kasimoğlu Z., AŞIK S., ATBAKAN T., TOPUZ A.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.109, pp.1253-1259, 2018 (SCI-Expanded)
- XX. **Production of soapwort concentrate and soapwort powder and their use in Turkish delight and tahini halvah**
Cam I. B., TOPUZ A.
JOURNAL OF FOOD PROCESS ENGINEERING, vol.41, no.1, 2018 (SCI-Expanded)
- XXI. **Influence of microwave, the combined microwave/hot air and only hot air roasting on the formation of heat-induced contaminants of carob powders**
GÜNEL Z., Tontul I., DİNÇER C., TOPUZ A., Sahin-Nadeem H.
FOOD ADDITIVES AND CONTAMINANTS PART A-CHEMISTRY ANALYSIS CONTROL EXPOSURE & RISK ASSESSMENT, vol.35, no.12, pp.2332-2339, 2018 (SCI-Expanded)
- XXII. **Effect of altitude, shooting period, and tea grade on the catechins, caffeine, theaflavin, and**

thearubigin of Turkish black tea

ÖZDEMİR F., Sahin Nadeem H., AKDOĞAN A., DİNÇER C., TOPUZ A.

TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.42, no.5, pp.334-340, 2018 (SCI-Expanded)

- XXIII. **Strawberry drying: Development of a closed-cycle modified atmosphere drying system for food products and the performance evaluation of a case study**
Cam I. B., Gulmez H. B., Eroğlu E., Topuz A.
DRYING TECHNOLOGY, vol.36, no.12, pp.1460-1473, 2018 (SCI-Expanded)
- XXIV. **Effect of rolling methods and storage on volatile constituents of Turkish black tea**
ÖZDEMİR F., Tontul I., BALCI-TORUN F., TOPUZ A.
FLAVOUR AND FRAGRANCE JOURNAL, vol.32, no.5, pp.362-375, 2017 (SCI-Expanded)
- XXV. **Effects of different drying methods on the physicochemical properties of pomegranate leather (pestil)**
Tontul I., TOPUZ A.
LWT-FOOD SCIENCE AND TECHNOLOGY, vol.80, pp.294-303, 2017 (SCI-Expanded)
- XXVI. **Spray-drying of fruit and vegetable juices: Effect of drying conditions on the product yield and physical properties**
Tontul I., TOPUZ A.
TRENDS IN FOOD SCIENCE & TECHNOLOGY, vol.63, pp.91-102, 2017 (SCI-Expanded)
- XXVII. **Phenolic composition and antioxidant activity of *Sideritis lycia* and *Sideritis libanotica* subsp. *linearis*: Effects of cultivation, year and storage**
DİNÇER C., TORUN M., TONTUL İ., TOPUZ A., ŞAHİN NADEEM H., GÖKTÜRK R. S., TUĞRUL AY S.
Journal of Applied on Medicinal and Aromatic Plants, vol.5, pp.26-32, 2017 (SCI-Expanded)
- XXVIII. **Phenolic composition and antioxidant activity of *Sideritis lycia* and *Sideritis libanotica* subsp. *linearis*: Effects of cultivation, year and storage**
DİNÇER C., TORUN M., TONTUL I., TOPUZ A., SAHİN-NADEEM H., GÖKTÜRK R. S., TUGRUL-AY S., ÖZDEMİR F.
JOURNAL OF APPLIED RESEARCH ON MEDICINAL AND AROMATIC PLANTS, vol.5, pp.26-32, 2017 (SCI-Expanded)
- XXIX. **Nanoencapsulation of Fish Oil and Essential Fatty Acids**
Tontul I., Eroğlu E., Topuz A.
NANOENCAPSULATION OF FOOD BIOACTIVE INGREDIENTS: PRINCIPLES AND APPLICATIONS, pp.103-144, 2017 (SCI-Expanded)
- XXX. **A comparative study of black mulberry juice concentrates by thermal evaporation and osmotic distillation as influenced by storage**
DİNÇER C., Tontul I., TOPUZ A.
INNOVATIVE FOOD SCIENCE & EMERGING TECHNOLOGIES, vol.38, pp.57-64, 2016 (SCI-Expanded)
- XXXI. **Effect of vegetable proteins on physical characteristics of spray-dried tomato powders**
Tontul I., TOPUZ A., OZKAN C., KARACAN M.
FOOD SCIENCE AND TECHNOLOGY INTERNATIONAL, vol.22, no.6, pp.516-524, 2016 (SCI-Expanded)
- XXXII. **INACTIVATION OF ESCHERICHIA COLI AND QUALITY CHANGES IN BLACK MULBERRY JUICE UNDER PULSED SONICATION AND CONTINUOUS THERMOSONICATION TREATMENTS**
DİNÇER C., TOPUZ A.
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.39, no.6, pp.1744-1753, 2015 (SCI-Expanded)
- XXXIII. **Microencapsulation of probiotic *Saccharomyces cerevisiae* var. *boulardii* with different wall materials by spray drying**
Arslan S., ERBAŞ M., Tontul I., TOPUZ A.
LWT-FOOD SCIENCE AND TECHNOLOGY, vol.63, no.1, pp.685-690, 2015 (SCI-Expanded)
- XXXIV. **Aqueous extraction kinetics of soluble solids, phenolics and flavonoids from sage (*Salvia fruticosa* Miller) leaves**
TORUN M., DİNÇER C., TOPUZ A., Sahin-Nadeem H., ÖZDEMİR F.
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE, vol.52, no.5, pp.2797-2805, 2015 (SCI-Expanded)
- XXXV. **Influence of Pullulan-Based Edible Coating on Some Quality Properties of Strawberry During Cold Storage**

- Eroğlu E., Torun M., Dinçer C., Topuz A.
PACKAGING TECHNOLOGY AND SCIENCE, vol.27, no.10, pp.831-838, 2014 (SCI-Expanded)
- XXXVI. **Influence of emulsion composition and ultrasonication time on flaxseed oil powder properties**
Tontul I., TOPUZ A.
POWDER TECHNOLOGY, vol.264, pp.54-60, 2014 (SCI-Expanded)
- XXXVII. **Concentration of sage (*Salvia fruticosa* Miller) extract by using integrated membrane process**
TORUN M., Racz G., Fogarassy E., Vatai G., DİNÇER C., TOPUZ A., ÖZDEMİR F.
SEPARATION AND PURIFICATION TECHNOLOGY, vol.132, pp.244-251, 2014 (SCI-Expanded)
- XXXVIII. **Physicochemical properties of Turkish green tea powder: effects of shooting period, shading, and clone**
TOPUZ A., DİNÇER C., TORUN M., Tontul I., Sahin-Nadeem H., HAZNEDAR A., ÖZDEMİR F.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.38, no.2, pp.233-241, 2014 (SCI-Expanded)
- XXXIX. **Comparative study on volatile compounds in Turkish green tea powder: Impact of tea clone, shading level and shooting period**
Tontul I., TORUN M., DİNÇER C., Sahin-Nadeem H., TOPUZ A., TURNA T., ÖZDEMİR F.
FOOD RESEARCH INTERNATIONAL, vol.53, no.2, pp.744-750, 2013 (SCI-Expanded)
- XL. **Mixture Design Approach in Wall Material Selection and Evaluation of Ultrasonic Emulsification in Flaxseed Oil Microencapsulation**
Tontul I., TOPUZ A.
DRYING TECHNOLOGY, vol.31, no.12, pp.1362-1373, 2013 (SCI-Expanded)
- XL I. **Influence of inlet air temperature and carrier material on the production of instant soluble sage (*Salvia fruticosa* Miller) by spray drying**
Sahin-Nadeem H., DİNÇER C., TORUN M., TOPUZ A., ÖZDEMİR F.
LWT-FOOD SCIENCE AND TECHNOLOGY, vol.52, no.1, pp.31-38, 2013 (SCI-Expanded)
- XL II. **Phenolic composition and antioxidant activity of *Salvia tomentosa* Miller: effects of cultivation, harvesting year, and storage**
DİNÇER C., Tontul I., Cam I. B., Ozdemir K. S., TOPUZ A., Nadeem H. S., TUĞRUL AY S., GÖKTÜRK R. S.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.37, no.5, pp.561-567, 2013 (SCI-Expanded)
- XL III. **A comparative study on phenolic composition, antioxidant activity and essential oil content of wild and cultivated sage (*Salvia fruticosa* Miller) as influenced by storage**
DİNÇER C., TOPUZ A., Sahin-Nadeem H., Ozdemir K. S., Cam I. B., Tontul I., GÖKTÜRK R. S., Ay S. T.
INDUSTRIAL CROPS AND PRODUCTS, vol.39, pp.170-176, 2012 (SCI-Expanded)
- XL IV. **Influence of different drying methods on carotenoids and capsaicinoids of paprika (Cv., Jalapeno)**
TOPUZ A., DİNÇER C., ÖZDEMİR K. S., Feng H., Kushad M.
FOOD CHEMISTRY, vol.129, no.3, pp.860-865, 2011 (SCI-Expanded)
- XL V. **Effects of Baking and Boiling on the Nutritional and Antioxidant Properties of Sweet Potato [*Ipomoea batatas* (L.) Lam.] Cultivars**
DİNÇER C., KARAOĞLAN M., ERDEN F., Tetik N., TOPUZ A., ÖZDEMİR F.
PLANT FOODS FOR HUMAN NUTRITION, vol.66, no.4, pp.341-347, 2011 (SCI-Expanded)
- XL VI. **The effect of drying method and storage on color characteristics of paprika**
TOPUZ A., FENG H., KUSHAD M.
LWT-FOOD SCIENCE AND TECHNOLOGY, vol.42, no.10, pp.1667-1673, 2009 (SCI-Expanded)
- XL VII. **Effect of roasting process on phenolic, antioxidant and browning properties of carob powder**
Sahin H., TOPUZ A., Pischetsrieder M., Ozdemir F.
EUROPEAN FOOD RESEARCH AND TECHNOLOGY, vol.230, no.1, pp.155-161, 2009 (SCI-Expanded)
- XL VIII. **A novel approach for color degradation kinetics of paprika as a function of water activity**
Topuz A.
LWT-FOOD SCIENCE AND TECHNOLOGY, vol.41, no.9, pp.1672-1677, 2008 (SCI-Expanded)
- XL IX. **Assessment of carotenoids, capsaicinoids and ascorbic acid composition of some selected pepper cultivars (*Capsicum annum* L.) grown in Turkey**
Topuz A., Ozdemir F.

JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol.20, no.7, pp.596-602, 2007 (SCI-Expanded)

- L. **Effect of gamma irradiation on some principle microbiological and chemical quality parameters of raw Turkish meat ball**
YILDIRIM İ., UZUNLU S., TOPUZ A.
FOOD CONTROL, vol.16, no.4, pp.363-367, 2005 (SCI-Expanded)
- LI. **Physical and nutritional properties of four orange varieties**
Topuz A., Topakci M., Canakci M., Akinci I., Ozdemir F.
JOURNAL OF FOOD ENGINEERING, vol.66, no.4, pp.519-523, 2005 (SCI-Expanded)
- LII. **Some physical and nutritional properties of Juniperus drupacea fruits**
Akinci I., Ozdemir F., Topuz A., KABAŞ Ö., Canakci M.
JOURNAL OF FOOD ENGINEERING, vol.65, no.3, pp.325-331, 2004 (SCI-Expanded)
- LIII. **Influences of gamma irradiation and storage on the capsaicinoids of sun-dried and dehydrated paprika**
Topuz A., Ozdemir F.
FOOD CHEMISTRY, vol.86, no.4, pp.509-515, 2004 (SCI-Expanded)
- LIV. **Changes in dry matter, oil content and fatty acids composition of avocado during harvesting time and post-harvesting ripening period**
ÖZDEMİR F., TOPUZ A.
FOOD CHEMISTRY, vol.86, no.1, pp.79-83, 2004 (SCI-Expanded)
- LV. **Influences of gamma-irradiation and storage on the carotenoids of sun-dried and dehydrated paprika**
Topuz A., Ozdemir F.
JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol.51, no.17, pp.4972-4977, 2003 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effect of Osmo- And Convective Dehydrofreezing on Energy Efficiency and Some Physicochemical Properties of Frozen Red Pepper Osmotik ve Konvektif Kurutma Sonrası Dondurma İşleminin Enerji Verimliliğine ve Kırmızıbiberin Bazı Fizikokimyasal Özellikleri Üzerine Etkisi**
Gülmez H. B., TOPUZ A.
Akademik Gıda, vol.20, no.2, pp.103-113, 2022 (Scopus)
- II. **Depolama Süresinin Farklı Kurutma Yöntemleri ile Kurutulmuş Kamkat Dilimlerinin Bazı Kalite Özelliklerine Etkisi**
YILDIZ TURGUT D., TOPUZ A.
Yüzüncü Yıl Üniversitesi Tarım Bilimleri Dergisi, vol.30, no.1, pp.44-56, 2020 (Scopus)
- III. **ÜZÜM, NAR VE KARA HAVUÇ SULARININ FARKLI YÖNTEMLERLE KONSANTRASYONUNUN MATEMATİKSEL MODELLENMESİ**
DİNÇER C., ÇAM İ. B., TORUN M., BAŞÜNAL GÜLMEZ H., TOPUZ A.
GIDA, vol.44, no.6, pp.1092-1105, 2019 (Peer-Reviewed Journal)
- IV. **Kamkatın (Fortunella spp.) Biyoaktif Bileşenleri ve Biyolojik Aktiviteleri**
Yıldız Turgut D., TOPUZ A.
Turkish Journal of Agriculture - Food Science and Technology, vol.7, no.10, pp.1581, 2019 (Peer-Reviewed Journal)
- V. **Bioactive Compounds and Biological Activities of Kumquat (Fortunella spp.)**
YILDIZ-TURGUT D., TOPUZ A.
Turkish Journal of Agriculture - Food Science and Technology, vol.7, pp.1581-1588, 2019 (Peer-Reviewed Journal)
- VI. **Influence of refractance window drying and hot air drying process conditions on the physicochemical properties of rosehip powder**
Tontul İ., Eroglu E., Topuz A.
Gıda, vol.44, no.1, pp.1-9, 2019 (Peer-Reviewed Journal)

- VII. **UTILIZATION OF ACTIVATED CARBON CLOTH FOR CIGARETTE SMOKE FILTRATION**
HODA N., TOPUZ A., MERT F., TONTUL İ.
Eurasian Journal of Environmental Research, vol.2, no.1, pp.1-7, 2018 (Peer-Reviewed Journal)
- VIII. **MEYVE SUYU İŞLEMEDE ULTRASES KULLANIMI**
DİNÇER C., TOPUZ A.
Gıda, vol.43, no.4, pp.569-581, 2018 (Peer-Reviewed Journal)
- IX. **KEÇİBOYNUZU TOZU ÜRETİMİNDE KAVURMA PROSESİ SÜRESİNCE RENK DEĞİŞİMİ VE AĞIRLIK KAYBI**
ŞAHİN NADEEM H., TOPUZ A., Arslan Kulcan A., TORUN M., ÖZDEMİR F.
GIDA, vol.42, no.3, pp.252-260, 2017 (Peer-Reviewed Journal)
- X. **COLOUR CHANGE AND WEIGHT LOSS DURING THE ROASTING PROCESS FOR PRODUCTION OF CAROB POWDER**
ŞAHİN NADEEM H., TOPUZ A., ARSLAN KULCAN A., TORUN M., ÖZDEMİR F.
Gıda, vol.42, no.3, pp.252-260, 2017 (Peer-Reviewed Journal)
- XI. **Phenolic composition and antioxidant activity of Sideritis lycia and Sideritis libanotica subsp. linearis: Effects of cultivation, year and storage**
DİNÇER C., TORUN M., TONTUL İ., TOPUZ A., ŞAHİN NADEEM H., GÖKTÜRK R. S., Tugrul Ay S., ÖZDEMİR F.
JOURNAL OF APPLIED RESEARCH ON MEDICINAL AND AROMATIC PLANTS, vol.4, no.3, pp.160-165, 2016 (Scopus)
- XII. **Oleorezinler**
TOPUZ A., TONTUL İ.
Food Sektör, vol.12, no.70, pp.24-25, 2012 (Non Peer-Reviewed Journal)
- XIII. **Doğanın Ateşli Hediyesi: Kırmızıbiber**
TOPUZ A., DİNÇER C.
Food Sektör, vol.12, no.70, pp.36-37, 2012 (Non Peer-Reviewed Journal)
- XIV. **Dondurarak Konsantrasyon İşlemi ve Gıda Endüstrisinde Uygulamaları**
DİNÇER C., TOPUZ A.
AKADEMİK GIDA, vol.7, no.6, pp.47-51, 2009 (Peer-Reviewed Journal)
- XV. **Konvansiyonel, entegre ve organik yöntemlerle yetiştirilen greyfurt (Citrus paradisi) meyvesinin bazı kimyasal özellikleri**
Haluk Tokgöz, H., TOPUZ A., GÖLÜKÇÜ M.
Gıda, vol.29, no.6, pp.457-463, 2004 (Peer-Reviewed Journal)
- XVI. **Hasat Zamanı ve Hasat Sonrası Olgunluğa Bağlı Olarak Bazı Avokado (Persea americana Mill.) Çeşitlerinin Bileşimindeki Değişimler**
ÖZDEMİR F., TOPUZ A., DEMİRKOL A., GÖLÜKÇÜ M.
Gıda, vol.29, no.2, pp.177-183, 2004 (Peer-Reviewed Journal)
- XVII. **Ekolojik Üretimde Farklı Organik Gübre Uygulamalarının Domatesin Mineral Madde İçeriği Üzerine Etkisi**
DEMİR H., TOPUZ A., Gölükçü M., POLAT E., ÖZDEMİR F., ŞAHİN H.
Akdeniz Üniversitesi Ziraat Fakültesi Dergisi, vol.16, no.1, pp.19-25, 2003 (Peer-Reviewed Journal)
- XVIII. **Andız (Juniperus drupacea) Pekmezi Üretim Tekniğinin Geliştirilmesi Üzerine Bir Araştırma**
ÖZDEMİR F., TOPUZ A., GÖLÜKÇÜ M., ŞAHİN H.
Gıda, vol.29, no.1, pp.33-40, 2003 (Peer-Reviewed Journal)
- XIX. **Yedikule ve İceberg Tipi Marul Çeşitlerinin Mineral Madde İçeriği Üzerine Ekolojik Üretim Farklı Organik Gübre Uygulamalarının Etkisi**
DEMİR H., GÖLÜKÇÜ M., TOPUZ A., ÖZDEMİR F., POLAT E., ŞAHİN H.
Akdeniz Üniversitesi Ziraat Fakültesi Dergisi, vol.16, no.1, pp.79-85, 2003 (Peer-Reviewed Journal)
- XX. **Yer Fıstığının (Arachis hypogaea) Bazı Fiziksel ve Kimyasal Özellikleri ve Fıstık Kavurmada Mikrodalga Uygulamasının Yağ Asitleri Bileşimi Üzerine Olan Etkisi**
ÖZDEMİR F., GÖLÜKÇÜ M., TOPUZ A.
Gıda, vol.28, no.1, pp.39-45, 2003 (Peer-Reviewed Journal)

- XXI. **FINDIK ÇEŞİTLERİNİN BAZI FİZİKSEL VEKİMYASAL ÖZELLİKLERİ**
DOĞAN Ü., ÖZDEMİR F., TOPUZ A., KARHAN M.
Gıda, vol.1, no.23, pp.37-41, 2000 (Peer-Reviewed Journal)
- XXII. **Determination of Some Physical and Chemical Properties of Loquat and Possibilities of Processing into Marmelade, Nectar and Canned Fruit**
TOPUZ A., ÖZDEMİR F.
Fruit Processing, vol.10, pp.398-401, 1999 (Peer-Reviewed Journal)
- XXIII. **Antalya Yöresinde Yetiştirilen Farklı Dutların Bazı Kimyasal Özellikleri.**
ÖZDEMİR F., TOPUZ A.
DERİM, vol.15, no.1, pp.30-35, 1998 (Peer-Reviewed Journal)
- XXIV. **Ortodoks ve Çaykur Yöntemi ile Üretilen Farklı Sınıf Çayların Mineral İçerikleri**
ÖZDEMİR F., TOPUZ A., ERBAŞ M.
Turkish Journal of Agriculture and Forestry, vol.23, no.4, pp.809-815, 1998 (Scopus)
- XXV. **Kuşburnu Pulpunun Marmelata İşlenmesinde Pişirme Yöntemi ve Formülasyonunun Marmelat Kalitesine Etkisi**
ÖZDEMİR F., TOPUZ A., KARHAN M.
Pamukkale Üniversitesi Mühendislik Fakültesi Mühendislik Bilimleri Dergisi, vol.4, no.1-2, pp.577-580, 1998 (Peer-Reviewed Journal)
- XXVI. **Yeni Dünyanın Bazı Fiziksel ve Kimyasal Özellikleri**
ÖZDEMİR F., TOPUZ A.
Gıda, vol.22, pp.389-393, 1997 (Peer-Reviewed Journal)
- XXVII. **Traditional Turkish Food Made From Fruit**
ÖZDEMİR F., NAS S., TOPUZ A.
Fruit Processing, vol.9, no.7, pp.360-363, 1997 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Meyve ve Sebze İşleme Teknolojileri: Yenilikler ve Zorluklar**
TOPUZ A., DİNÇER C., AŞIK AYGÜN S.
in: Besleyici ve Sağlıklı Gıda : Gıda Endüstrisinden Sofraya, El, Sedef Nehir, Editor, Ortadoğu Reklam Tanıtım Yayıncılık Turizm Eğitim İnşaat Sanayi ve Ticaret A.Ş., pp.39-46, 2023
- II. **Drying of tea, herbals, and spices**
TOPUZ A., DİNÇER C., ATBAKAN KALKAN T., AŞIK AYGÜN S.
in: Drying Technology in Food Processing, Jafari, Seid Mahdi; Malekjani Narjes,, Editor, ELSEVIER, pp.543-586, 2023
- III. **Drying of tea, herbals, and spices**
TOPUZ A., DİNÇER C., ATBAKAN KALKAN T., AŞIK AYGÜN S.
in: Drying Technology in Food Processing, Jafari, Seid Mahdi; Malekjani Narjes, Editor, ELSEVIER, pp.543-586, 2023
- IV. **Spray Drying Encapsulation of Minerals**
Başunal Gülmez H., Eroğlu E., Topuz A.
in: Spray Drying Encapsulation of Bioactive Materials, Jafari, SM; Rashidinejad, A, Editor, CRC Press, Florida, pp.171-182, 2021
- V. **Nano-encapsulation of fish oil and essential fatty acids**
TONTUL İ., EROĞLU E., TOPUZ A.
in: Nanoencapsulation of Food Bioactive Ingredients: Principles and Applications, Jafari S.M., Editor, Academic Press , Londra, pp.103-144, 2017
- VI. **Microencapsulation of plant oils rich in alpha-linolenic acid: Effect of processing parameters**
TONTUL İ., TOPUZ A.
in: Microencapsulation and Microspheres for Food Applications, Sagis LMC, Editor, Academic Press , San Diego, Ca, pp.253-270, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **Biotechnology Assisted Breeding Infrastructure Studies at *Vaccaria hispanica* (Mill.) Rauschert**
ARI E., İKTEN H., MUTLU N., BEDİR H., TOPUZ A., ÇAM İ. B., BALCI TORUN F., DENİZ İ. G., GENÇ İ.
II. International Green Biotechnology Congress, Turkey, 09 September 2019
- II. **Effect of osmotic drying on physicochemical aspects of dehydrofrozen sliced red pepper (*Capsicum annuum* L.)**
BAŞÜNAL GÜLMEZ H., TOPUZ A.
13th International Conference of Food Physicists, Antalya, Turkey, 23 - 25 October 2018, vol.1, pp.105
- III. **Some physicochemical properties of turkish coffee fortified with apricot kernel powder**
GÜNEL Z., PARLAK A., ADSOY M., TOPUZ A.
13th International Conference of Food Physicists, Antalya, Turkey, 23 - 25 October 2018, vol.1, pp.104
- IV. **Physicochemical properties some physicochemical properties of commercial protein isolates**
ATBAKAN T., AŞIK S., TOPUZ A.
13th International Conference of Food Physicists, Antalya, Turkey, 23 - 25 October 2018, vol.1, pp.110
- V. **Extraction optimization of sunflower head pectin and determination some gel properties of the pectin**
VURAL E., Eroglu E., TOPUZ A.
13th International Conference of Food Physicists, Antalya, Turkey, 23 - 25 October 2018, vol.1, pp.89-97
- VI. **Degradation kinetics of anthocyanins in pomegranate pestil produced by different techniques and enriched with pomegranate peel phenolics during storage**
TONTUL İ., TOPUZ A.
3rd International Congress on Food Technology, 10 - 12 October 2018
- VII. **Evaluation of the seed contents and their principal component analysis of Turkish *Vaccaria hispanica* (mill.) Rauschert) genotypes**
ÇAM İ. B., BALCI-TORUN F., TOPUZ A., ARI E., DENİZ İ. G., GENÇ İ.
4th International Symposium of Medicinal and Aromatic Plants, İzmir, Turkey, 2 - 04 October 2018, pp.93
- VIII. **Effect of closed cycle modified atmosphere drying on characteristic of kiwi fruit during storage**
ÇAM İ. B., BAŞÜNAL H., EROĞLU E., TOPUZ A.
IDS'2018 - 21st International Drying Symposium, Valensiya, Spain, 11 - 14 September 2018, vol.1, no.1, pp.333
- IX. **Modelling drying kinetics of closed cycle modified atmospherdrying of banana fruit**
Çam İ. B., Eroğlu E., Başüenal H., Topuz A., Ertekin C.
IDS'2018 - 21st International Drying Symposium, Valencia, Spain, 11 - 14 September 2018, vol.1, no.1, pp.59
- X. **Evaluation of color change and browning index values in bananas dried under modified atmosphere by computer vision technique**
ÇAM İ. B., BAŞÜNAL H., TOPUZ A.
IDS'2018 - 21st International Drying Symposium, Valensiya, Spain, 11 - 14 September 2018, vol.1, no.1, pp.82
- XI. **Extraction of Saponins and Cyclopeptides from Cow Cockle (*Vaccaria hispanica* (Mill.) Rauschert) Seeds Grown in Turkey**
ÇAM İ. B., BALCI-TORUN F., TOPUZ A., ARI E., DENİZ İ. G., GENÇ İ.
ICACA 2018 : 20th International Conference on Agricultural Chemistry and Agrochemicals, Kopenhag, Denmark, 11 - 12 June 2018, vol.12, no.6, pp.43
- XII. **Effect of Gas Composition on the Physicochemical Properties of the Packaged Peeled Garlic during Storage**
TORUN M., AZARABADİ N., SALMAN S., BALCI TORUN F., BAŞÜNAL GÜLMEZ H., TOPUZ A., ÖZDEMİR F.
Seventh International Conference on Food StudiesSeventh International Conference on Food Studies, 26 - 27 October 2017
- XIII. **Effect of gas composition on the physicochemical properties of the packaged peeled garlic during storage**
TORUN M., AZARABADİ N., Salman S., BALCI TORUN F., Başüenal Gülmez H., TOPUZ A., ÖZDEMİR F.
Food Studies Congress, Italy, 26 October 2017

- XIV. **MODELLING KINETIC PARAMETERS OF OPTIMISED SOLAR ASSISTED MODIFIED ATMOSPHERE DRYING OF STRAWBERRY FOR PRODUCT QUALITY AND ENERGY EFFICIENCY**
ÇAM İ. B., EROĞLU E., BAŞÜNAL H., TOPUZ A., ERTEKİN C.
6TH EUROPEAN DRYING CONFERENCE, Liege, Belgium, 19 - 21 June 2017, vol.1, pp.109
- XV. **A COMPARATIVE STUDY ON SINGLE BED DESICCANTS FOR AIR DEHUMIDIFICATION IN CABINET DRYER**
ÇAM İ. B., BAŞÜNAL H., TOPUZ A.
6TH EUROPEAN DRYING CONFERENCE, Liege, Belgium, 19 - 21 June 2017, vol.1, pp.193
- XVI. **Optimisation of Osmotic Dehydration of Red Pepper by Response Surface Methodology**
BAŞÜNAL GÜLMEZ H., TOPUZ A.
International Conference on Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 17 May 2017, pp.652
- XVII. **Pomegranate pestil production by different drying methods: Effect on bioactive compounds and volatile profile**
TOPUZ A., TONTUL İ.
International Conference on Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 17 May 2017, pp.1058
- XVIII. **Rosmarinic acid contents and antioxidant properties of different oregano thyme species**
Kasımoğlu Z., ŞAHİN NADEEM H., TOPUZ A.
1st International Congress on Medicinal and Aromatic Plants, Konya, Turkey, 10 - 12 May 2017, pp.263
- XIX. **Total phenolic content and sensory properties of mixed herbal tea produced from different aromatic plants**
ATBAKAN T., AŞIK S., Kasımoğlu Z., TOPUZ A.
1st International Congress on Medicinal and Aromatic Plants, Konya, Turkey, 10 - 12 May 2017, pp.1110
- XX. **Rapid quantitative determination of cumin adulteration with coriander and peanut hull powder using the DSC technique**
ÇAM İ. B., BAŞÜNAL H., TOPUZ A.
1st INTERNATIONAL CONGRESS ON MEDICINAL AND AROMATIC PLANTS, Konya, Turkey, 10 - 12 May 2017, vol.1, no.1, pp.1373
- XXI. **Optimization of herbal tea formulation produced from aromatic plants**
Aşık S., ATBAKAN T., Kasımoğlu Z., TOPUZ A.
1st International Congress on Medicinal and Aromatic Plants, Konya, Turkey, 10 - 12 May 2017, pp.1106
- XXII. **Effect of Saponin Enriched Soapwort Powder on Structural and Sensorial Properties of Turkish Delight**
ÇAM İ. B., TOPUZ A.
ICFPC 2016: 18th International Conference on Advanced Food Processing and Components, Paris, France, 29 - 30 December 2016, vol.12, no.15, pp.3468
- XXIII. **Microencapsulation of Chesnut Seedcoat's Water Extract by Spray Drying**
ŞAHİN NADEEM H., Kasımoğlu Z., YILDIRIM A., ALKAN S., TOPUZ A.
Food Structure Design, Antalya, Turkey, 26 - 28 October 2016, pp.150-151
- XXIV. **Meyve Suyu Konsantrasyonunda Ozmotik Distilasyon Yönteminin Kullanımı**
DİNÇER C., TOPUZ A.
Türkiye 12. Gıda Kongresi, Edirne, Turkey, 5 - 07 October 2016, pp.403
- XXV. **Doğal Gıda Renklendiricisi Olarak Antosiyaninler**
Vural E., TOPUZ A.
Türkiye 12. Gıda Kongresi, Edirne, Turkey, 5 - 07 October 2016, pp.399
- XXVI. **Farklı ön işlemlerin kızarmış parmak patatesin bazı özellikleri üzerine etkisi**
TONTUL İ., Deveci Karabacak N., Doğaç Candan D., TOPUZ A.
Türkiye 12. Gıda Kongresi, Edirne, Turkey, 5 - 07 October 2016, pp.329
- XXVII. **Hibiskus Hibiscus sabdariffa L Ekstraktı Antosiyaninlerinin Farklı Sıcaklıklardaki Degradasyon Kinetiklerinin İncelenmesi**

- Eroglu E., TÜRK E., CAN İ., TOPUZ A.
Türkiye 12. Gıda Kongresi, Edirne, Turkey, 5 - 07 October 2016, pp.328
- XXVIII. **Vakum İmpregnasyon Tekniği ve Gıda Endüstrisinde Kullanımı**
Kasımoğlu Z., BAŞÜNAL H., TOPUZ A.
Türkiye 12. Gıda Kongresi, Edirne, Turkey, 5 - 07 October 2016, pp.326
- XXIX. **Meyve Suyu Distilasyonunda Ozmotik Distilasyon Yönteminin Kullanımı**
DİNÇER C., TOPUZ A.
Türkiye 12. Gıda Kongresi, Edirne, Turkey, 5 - 07 October 2016, pp.403
- XXX. **Lokum üretiminde süttozu kullanılabilirliğinin araştırılması**
TOPUZ A., EROĞLU E., ÇALIŞKAN M. B.
Türkiye 12. Gıda Kongresi, Edirne, Turkey, 5 - 07 October 2016, vol.1, pp.330
- XXXI. **Effect of different drying conditions on colour and textural properties of pomegranate pestil**
TONTUL İ., TOPUZ A.
XIIth International Conference of Food Physicists, Debrecen, Hungary, 6 - 08 July 2016, pp.34
- XXXII. **Determination of some physicochemical properties of water-insoluble crude fiber produced from spent black tea**
Kasımoğlu Z., Menzek F., Bulgur S., TOPUZ A.
XIIth International Conference of Food Physicists, Debrecen, Hungary, 6 - 08 July 2016, pp.49
- XXXIII. **Study on recoalescence in O/W emulsion prepared with two different techniques**
EROĞLU E., TONTUL İ., TOPUZ A.
XIIth International Conference of Food Physicists, Debrecen, Hungary, 6 - 08 July 2016, pp.23
- XXXIV. **Effect of concentration method and storage on some quality parameters of black mulberry juice concentrates**
DİNÇER C., TONTUL İ., TOPUZ A.
EuroFoodChem XVIII, Madrid, Spain, 13 - 16 October 2015, pp.178
- XXXV. **Alternative Approaches in Strawberry Drying with Optimised Modified Atmospher Drying for Product Quality**
ÇAM İ. B., BAŞÜNAL H., EROĞLU E., TOPUZ A.
EuroFoodChem XVIII, Madrid, Spain, 13 October 2015, pp.191
- XXXVI. **Production of instant rosehip tea and evaluation of its key components during storage**
EROĞLU E., TONTUL İ., TOPUZ A.
EuroFoodChem XVIII, Madrid, Spain, 13 - 16 October 2015, pp.179
- XXXVII. **Pomegranate pestil production with different hydrocolloids: an optimization study**
TONTUL İ., TOPUZ A.
3rd International Symposium on Traditional Foods from Adriatic to Caucasus, Saraybosna, Bosnia And Herzegovina, 30 September - 04 October 2015, pp.26
- XXXVIII. **Çözünür kuşburnu çayı üretiminde püskürterek kurutma koşullarının belirlenmesi**
EROĞLU E., TONTUL İ., TOPUZ A.
Pamukkale Gıda Sempozyumu 3: Kurutulmuş ve Yarı Kurutulmuş Gıdalar, Denizli, Turkey, 13 - 15 May 2015, pp.29-30
- XXXIX. **Dilimlenmiş Sarımsakların Ozmotik Kurutma Koşullarının Optimizasyonu**
TOPUZ A., Başunal H.
Pamukkale Gıda Sempozyumu 3: Kurutulmuş ve Yarı Kurutulmuş Gıdalar, Denizli, Turkey, 13 - 15 May 2015, pp.240
- XL. **Aktif karbon kumaşının sigara filtrasyonunda kullanımı**
HODA N., MERT F., TOPUZ A., TONTUL İ.
12. ulusal tesisat mühendisliği kongresi, İzmir, Turkey, 8 - 11 April 2015, pp.1
- XLI. **GAS PHASE ADSORPTION OF DIMETHYL DISULFIDE ON ACTIVATED CARBON CLOTH GDSEL651**
HODA N., TOPUZ A., Firdevs M., BUDAMA L., Eroğlu E.
FILTECH-THE FILTRATION EVENT 2015, 24 - 26 February 2015
- XLII. **Optimization of ultrasonic emulsification in flaxseed oil microencapsulation**

- TONTUL İ., TOPUZ A.
1st Congress on Food Structure Design, Porto, Portugal, 15 - 17 October 2014, pp.142
- XLIII. **Development of soapwort extract for improving structural properties of Tahini halvah**
ÇAM İ. B., TOPUZ A.
1st Congress On Food Structure Design, Porto, Portugal, 15 - 17 October 2014, vol.1, pp.137
- XLIV. **Effect of ultrasonication time and oil loading on laurel oil microcapsules**
TOPUZ A., TONTUL İ.
XXII International Conference on Bioencapsulation, Bratislava, Slovakia, 17 - 19 September 2014, pp.144-145
- XLV. **Effect of Vegetable Proteins on Physical Characteristics of Spray Dried Tomato Powders**
TONTUL İ., TOPUZ A., Karacan M., Özkan C.
Novel Approaches in Food Industry (NAFI 2014), Aydın, Turkey, 26 - 29 May 2014, pp.222
- XLVI. **Inactivation of Escherichia coli in black mulberry juice under pulsed sonication and continuous thermo-sonication treatments**
DİNÇER C., TOPUZ A.
Novel Approaches in Food Industry (NAFI 2014), Aydın, Turkey, 26 - 29 May 2014, pp.24
- XLVII. **Effect of Ultrasonication on Different Wall Materials Using in Flaxseed Oil Microencapsulation**
TONTUL İ., TOPUZ A.
Novel Approaches in Food Industry (NAFI 2014), Aydın, Turkey, 26 - 29 May 2014, pp.63
- XLVIII. **Preliminary Studies on The Breeding of Vaccaria hispanica (Mill.) Rauschert: A New Crop Species For Turkey**
ARI E., TOPUZ A., DENİZ I. G., GENÇ I., KANTAR F., SULUDERE Z.
International Plant Breeding Congress, Antalya, Turkey, 10 - 14 November 2013, pp.625
- XLIX. **Total phenolic content and antioxidant activity of coffee-like beverages consumed in Turkey**
TONTUL İ., TOPUZ A.
The 2nd International Symposium on Traditional Foods from Adriatic to Caucasus, Macedonia, 1 - 04 October 2013, pp.543
- L. **A New Potential Nutraceutical Plant For Turkey: Vaccaria hispanica (Mill.) Rauschert**
ARI E., TOPUZ A., SULUDERE Z.
1st Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-2013), Gazimagosa, Cyprus (Kktc), 17 - 20 April 2013, pp.70
- LI. **Kapsainoitlerin genel özellikleri ve sağlık üzerine etkileri**
DİNÇER C., TOPUZ A.
Türkiye 11. Gıda Kongresi, Hatay, Turkey, 1 - 04 October 2012
- LII. **Ülkemizde geleneksel olarak üretilen bazı pekmezlerin uçucu bileşenleri**
TONTUL İ., TOPUZ A.
3. Geleneksel Gıdalar Sempozyumu, 1 - 04 May 2012
- LIII. **Keten tohumu yağı mikroenkapsülasyonunda karışın deseni ile uygun taşıyıcı madde seçimi**
TONTUL İ., TOPUZ A.
1. Bitkisel Yağ Kongresi, 1 - 04 March 2012
- LIV. **Volatile constituents of matcha produced from different Turkish tea clones grown under different shading conditions**
TOPUZ A., ŞAHİN H., DİNÇER C., TORUN M., TONTUL İ., ÇAM İ. B., ÖZDEMİR F.
First International Congress on Cocoa Coffee and Tea, Italy, 1 - 04 September 2011
- LV. **Ultrasound pasteurization in fruit juice industry**
DİNÇER C., ÇAM İ. B., TOPUZ A.
International Food Congress-Novel Approaches in Food Industry, İzmir, Turkey, 26 - 29 May 2011, pp.232
- LVI. **Essential oil composition of lemon peel pil extracted byhydrodistillation**
TOPUZ A., ÖZDEMİR BİLİCİ K. S., AZARABADİ N.
1st International Congress on Food Technology, Turkey, 3 - 06 November 2010, pp.413
- LVII. **Changes in total phenolic content and antioxidant activity of Salvia and Sideritis species grown in wild and cultivated condition**

- DİNÇER C., TONTUL İ., ÖZDEMİR K. S., ÇAM İ. B., TOPUZ A., ŞAHİN H., GÖKTÜRK R. S., TUĞRUL AY S.
1st International Congress on Food Technology, Antalya, Turkey, 3 - 06 November 2010, pp.114
- LVIII. **Spray Drying of the Sage (*Salvia fruticosa*) Water Extract by using Different Hydrocolloids Carrier**
TORUN M., DİNÇER C., ŞAHİN NADEEM H., TOPUZ A., ÖZCAN M. M.
Thirteenth Food Colloids, 21 March 2010
- LIX. **Influence Of Drying Methods On Carotenoids Of Paprika (Cv. Jalapeno)**
TOPUZ A., DİNÇER C., ÖZDEMİR K. S., FENG H., KUSHAD M.
15th World Congress of Food Science & Technology, United States Of America, 1 - 04 August 2010
- LX. **Çözünür (İstant) Dağ Çayı (*Sideritis stricta*) Üretiminde Ekstraksiyon Koşullarının Belirlenmesi Üzerine Bir Araştırma**
DİNÇER C., TORUN M., TOPUZ A., Akdoğan A., ŞAHİN NADEEM H., ÖZDEMİR F.
Türkiye 10. Gıda Kongresi, 21 May 2010
- LXI. **Traditional uses, bioactive compounds and health benefits of some *Salvia* and *Sideritis* species in Turkey**
DİNÇER C., TONTUL İ., ŞAHİN H., TOPUZ A.
Traditional Foods from Adriatic to Caucasus, Turkey, 1 - 04 April 2010
- LXII. **Some Physical, Chemical and Sensorial Properties of Sultan Turkish Delight**
ÇAM İ. B., TOPUZ A.
Traditional Foods from Adriatic to Caucasus, Turkey, 1 - 04 April 2010
- LXIII. **Phenolic acid and flavonoid composition of *Sideritis lycia* and *Sideritis libanotica* subsp. *Linearis***
DİNÇER C., TOPUZ A., ÇAM İ. B., TONTUL İ., ÖZDEMİR K. S., ŞAHİN H., GÖKTÜRK R. S., TUĞRUL AY S.
6. Conference on Medicinal and Aromatic Plants of Southeast European Countries., Turkey, 1 - 04 April 2010
- LXIV. **Some Quality Characteristics of the Reconstituted Instant Sage (*Salvia fruticosa*)**
TORUN M., DİNÇER C., ŞAHİN H., TOPUZ A., ÖZDEMİR F., Özcan M. M.
6. Conference on Medicinal and Aromatic Plants of Southeast European Countries., Turkey, 1 - 04 April 2010
- LXV. **Spray Drying of Sage (*Salvia fruticosa*) Water Extract by Using Different Hydrocolloid Carriers**
TORUN M., DİNÇER C., ŞAHİN H., TOPUZ A., ÖZDEMİR F., Özcan M. M.
Thirteenth Food Colloids, Spain, 1 - 04 March 2010
- LXVI. **Bitki Çayı Olarak Tüketilen *Salvia fruticosa* ve *Salvia tomentosa* Türünün Fenolik Asit ve Flavonoid Kompozisyonu**
DİNÇER C., TOPUZ A., ÖZDEMİR K. S., ŞAHİN H., GÖKTÜRK R. S., TUĞRUL AY S.
2. Geleneksel Gıdalar Sempozyumu, Van, Turkey, 1 - 04 May 2009
- LXVII. **Concentration of red currant juice by complex membrane process technology and analytical evaluation of the products**
Vatai G., ÖZDEMİR F., Bekassy-Mohar E., Bonvolgyi S., Kozak A., Horvath H., TOPUZ A., TETİK N., ŞAHİN H., DİNÇER C., et al.
International Conference on Science and Technique in the Agri-Food Business, Hungary, 1 - 04 November 2008, pp.224-225
- LXVIII. **Capsaicinoids and antioxidant properties of paprika**
TOPUZ A., FENG H., KUSHAD M.
14th World Congress of Food Science & Technology, China, 1 - 04 October 2008
- LXIX. **Comparison of chemical and sensory properties of naturally grown and cultivated sage (*Salvia* spp) and mountain tea (*Sideritis* spp.)**
DİNÇER C., TOPUZ A., ŞAHİN H., TUĞRUL AY S., GÖKTÜRK R. S., ÖZDEMİR F.
11th International Symposium of Natural Product Chemistry, Pakistan, 1 - 04 October 2008
- LXX. **Comparison of chemical and sensory properties of naturally grown and cultivated sage (*Salvia* spp) and mountain tea (*Sideritis* spp.)**
DİNÇER C., TOPUZ A., ŞAHİN H., TUĞRUL AY S., GÖKTÜRK R. S., ÖZDEMİR F.
11th International Symposium of Natural Product Chemistry, Pakistan, 1 - 04 October 2008
- LXXI. **Production of Red Currant Juice Concentrate by Integrated Membrane Process and Modelling of the Separations**

Bonvolgyi S., Kozak A., Molnar Z., Roman A., Bekassy-Mohar E., Vatai G., ÖZDEMİR F., TOPUZ A., TETİK N., ŞAHİN H., et al.

International Conferences in Agricultural Engineering, Hungary, 1 - 04 September 2008, pp.90

- LXXII. **Ultrasound-assisted extraction of fiber oil from. corn bran separated with a new physical method**
TOPUZ A., PAVAN M., ROSALES E., FENG H., YANG W.
IFT Annual Meeting, United States Of America, 1 - 04 June 2008
- LXXIII. **Instant adaçayı (Salvia fruticosa) üretiminde ekstraksiyon koşullarının belirlenmesi**
TORUN M., DİNÇER C., ŞAHİN H., AKDOĞAN A., TOPUZ A., ÖZDEMİR F.
Türkiye 10. Gıda Kongresi, Erzurum, Turkey, 1 - 04 May 2008, pp.187-190
- LXXIV. **Türk siyah çayının fenolik madde kompozisyonu üzerine rakım, sürgün dönemi ve çay sınıfının etkisi**
ÖZDEMİR F., ŞAHİN H., AKDOĞAN A., DİNÇER C., TOPUZ A.
Türkiye 10. Gıda Kongresi, Erzurum, Turkey, 1 - 04 May 2008, pp.141-144
- LXXV. **Çözünür (Instant) dağ çayı (Sideritis stricta) üretiminde ekstraksiyon koşullarının belirlenmesi üzerine bir araştırma**
Dinçer C., Torun M., Topuz A., Akdoğan A., Şahin H., Özdemir F.
Türkiye 10. Gıda Kongresi, Erzurum, Turkey, 1 - 04 May 2008
- LXXVI. **Karotenoid bileşiklerin sağlık üzerine etkileri**
AKDOĞAN A., DİNÇER C., TORUN M., ŞAHİN H., TOPUZ A., ÖZDEMİR F.
Türkiye 10. Gıda Kongresi, Erzurum, Turkey, 1 - 04 May 2008, pp.1083-1086
- LXXVII. **Phenolic composition of different Turkish green teas**
ŞAHİN H., AKDOĞAN A., DİNÇER C., TOPUZ A., ÖZDEMİR F.
The 3rd International Conference on O-CHA (Tea) Culture and Science, Japan, 1 - 04 November 2007, vol.HB_-005, pp.1-2
- LXXVIII. **The use of ionizing radiation in the storage of fruits and vegetables**
TOPUZ A., ÖZDEMİR F.
The 35th Annual Meeting of the European Radiation Research Society, Ukraine, 1 - 04 August 2006
- LXXIX. **Meyve ve Sebzelerin İşlenmesi ve Muhafazasında Ozon Uygulamaları**
TETİK N., TOPUZ A., TURHAN İ., KARHAN M.
Türkiye 9. Gıda Kongresi, Bolu, Turkey, 24 - 26 May 2006, pp.281-285
- LXXX. **Meyve ve Sebzelerin İşlenmesi ve Muhafazasında Ozon Uygulamaları**
TETİK N., TOPUZ A., TURHAN İ., KARHAN M.
Türkiye 9. Gıda Kongresi, Bolu, Turkey, 1 - 04 May 2006
- LXXXI. **Meyve ve Sebzelerin Muhafazasında İyonize Radyasyon Kullanımı**
DİNÇER C., TOPUZ A.
Türkiye 9. Gıda Kongresi, Bolu, Turkey, 1 - 04 May 2006
- LXXXII. **Meyve ve Sebzelerin Muhafazasında Ultraviyole Işık Uygulamaları**
TURHAN İ., TOPUZ A., TETİK N., KARHAN M.
Türkiye 9. Gıda Kongresi, Bolu, Turkey, 1 - 04 May 2006
- LXXXIII. **Physical and Nutritional Characterisation of Chestnuts Cultivated In Different Regions of Turkey**
TOPUZ A., ŞAHİN H., AKSU M., DİNÇER C., AKDOĞAN A.
3rd Central European Congress on Food, Bulgaria, 1 - 04 May 2006
- LXXXIV. **Physical and Nutritional Characterisation of Chestnuts Cultivated In Different Regions of Turkey**
TOPUZ A., ŞAHİN H., AKSU M., DİNÇER C., AKDOĞAN A.
3rd Central European Congress on Food, Bulgaria, 1 - 04 May 2006
- LXXXV. **Andız Pekmezi: A Traditional Concentrate Produced From Extract of Juniperus drupacea Fruit**
TOPUZ A., ŞAHİN H., ÖZDEMİR F., AKDOĞAN A.
Innovations in Traditional Foods, Spain, 1 - 04 October 2005
- LXXXVI. **Andız pekmezi üretiminde optimum ekstraksiyon koşullarının belirlenmesi**
TOPUZ A., ŞAHİN H., ÖZDEMİR F., GÖLÜKÇÜ M.
Geleneksel Gıdalar Sempozyumu, Van, Turkey, 1 - 04 September 2004, pp.173-178
- LXXXVII. **Andız pekmezinin fenolik madde içeriği ve fonksiyonel gıda olarak önemi**

ÖZDEMİR F., TOPUZ A., ŞAHİN H., GÖLÜKÇÜ M.

Geleneksel Gıdalar Sempozyumu, Van, Turkey, 1 - 04 September 2004, pp.144-149

LXXXVIII. **Effect of Drying Methods, Gamma Irradiation and Storage on the Capsaicinoids of Paprika**
TOPUZ A., ÖZDEMİR F.

IAFP 2003, 90 th Annual Meeting, United States Of America, 1 - 04 August 2003

LXXXIX. **Bazı Aspir (Carthamus tinctorius L.) Çeşitlerinde Farklı Ekim Zamanlarının Yağ Asiti Oranlarına Etkisi**

SAMANCI B., ÖZKAYNAK E., BAŞALMA D., ÖZDEMİR F., TOPUZ A.

Türkiye II. Tarla Bitkileri Kongresi, Adana, Turkey, 1 - 04 November 1999, vol.2, pp.363-367

XC. **Bazı Yenedünya Çeşitlerinin Şeker ve Organik Asit İçeriklerinin HPLC ile Belirlenmesi**
TOPUZ A., ÖZDEMİR F.

2000'li Yıllarda Gıda Bilimi ve Teknolojisi Kongresi, İzmir, Turkey, 1 - 04 October 1999

XCI. **Akdeniz Bölgesinde Yetiştirilen Yenedünya Çeşitlerinin Marmelat, Nektar ve Konserve İşlemeye Uygunluklarının Belirlenmesi**

TOPUZ A., ÖZDEMİR F.

2000'li Yıllarda Gıda Bilimi ve Teknolojisi Kongresi, İzmir, Turkey, 1 - 04 October 1999

Supported Projects

TOPUZ A., EROĞLU E., Project Supported by Higher Education Institutions, Nar suyu ve adaçayı ekstrakt tozu üretiminde kekleşme probleminin çözümüne yönelik alternatif uygulamalar, 2021 - 2024

TOPUZ A., Başunal Gülmez H., Project Supported by Higher Education Institutions, Gıdaların Fitosterollerce Zenginleştirilmesine Yönelik Kontrollü Salınım Sağlayan Mikrokapsül Üretimini Araştırılması, 2021 - 2023

TOPUZ A., AŞIK S., ATBAKAN T., Project Supported by Higher Education Institutions, Farklı kurutma yöntemleri ile elde edilen mantar tozlarının bazı kalite özelliklerinin belirlenmesi, 2019 - 2021

ÖZDEMİR F., TONTUL İ., TOPUZ A., Balcı Torun F., Project Supported by Higher Education Institutions, Effect of rolling methods and storage on volatile constituents of Turkish black tea, 2018 - 2020

TOPUZ A., Akgün B., Project Supported by Higher Education Institutions, Karadut Meyvesinin Sıcak Havada ve Kapalı Döngü Modifiye Atmosferde Kurutulması, 2017 - 2020

Topuz A., TUBITAK Project, Şeker Pancarı ve Ayçiçeği Tablalarından Pektin Elde Edilmesi ve Gıdalarda Katkı Maddesi Olarak Kullanılması, 2015 - 2020

TOPUZ A., Aşık S., Project Supported by Higher Education Institutions, Farklı kurutma yöntemleri ile biyoaktif bileşenlerce zengin portakal tozu üretimi, 2018 - 2019

TOPUZ A., Atbakan T., Project Supported by Higher Education Institutions, Farklı kurutma yöntemleri ile kurutulan pektinlerin fizikokimyasal özellikleri ve jel performanslarının karşılaştırılması, 2018 - 2019

Mutlu N., Deniz İ. G., İkten H., Arı E., Topuz A., TUBITAK Project, Vaccaria hispanica (Mill.) Rauschert Genotiplerinin Haploidiye Tepkilerinin Belirlenmesi, Moleküler Karakterizasyonları ve Tohum İçeriklerinin Tespiti, 2013 - 2018

TOPUZ A., Vural E., Project Supported by Higher Education Institutions, Karanfil çiçeğinden antosiyanın ekstraktı eldesi ve doğal gıda renklendirici olarak stabilitesinin incelenmesi, 2016 - 2017

TOPUZ A., TONTUL İ., Project Supported by Higher Education Institutions, Kırınım pencere (refractance window) ve mikrodalga destekli sıcak hava kurutma teknikleri ile fonksiyonel bileşenlerce zengin nar pestili üretimi, 2016 - 2017

TOPUZ A., TONTUL İ., EROĞLU E., Project Supported by Higher Education Institutions, Kızılçık ve kuşburnu pulplarından meyve tozu üretiminde farklı kurutma yöntemlerinin ürünlerin biyoaktif bileşenleri üzerine etkilerinin araştırılması, 2015 - 2017

Topuz A., TUBITAK Project, Kapalı Döngü Modifiye Atmosfer Kurutma ile Çilek Kurutulmasında Ürün Kalitesi ve Enerji Ekonomisi Açısından Alternatif Yaklaşımlar, 2014 - 2015

Tontul İ., Topuz A., TUBITAK Project, Çözünür Kuşburnu Çayı Üretimi ve Fizikokimyasal Kalite Özelliklerinin Belirlenmesi, 2013 - 2014

TOPUZ A., TUBITAK Project, Çöven Tozu Üretimi ve Elde Edilen Ürünün Lokum ve Helva Üretiminde Kullanılabilirliğinin Araştırılması, 2010 - 2011

TONTUL İ., TOPUZ A., TUBİTAK Project, Türk Yeşil Çayının Kalitesinin Artırılması, İnsan Sağlığı Açısından Değerlendirilmesi ve Yeni Ürünlerin Geliştirilmesi, 2008 - 2011
GÖKTÜRK R. S., ŞAHİN NADEEM H., TOPUZ A., TUBİTAK Project, Bazı Salvia ve Sideritis Türlerinin Fenolik Madde Kompozisyonu, Antioksidan Aktivitesi ve Diğer Önemli Kalite Özelliklerinin Yetiştirme Koşulları, Kurutma ve Depolamaya Göre Değişimi, 2007 - 2011
ÖZDEMİR F., ŞAHİN NADEEM H., TOPUZ A., TUBİTAK Project, Adaçayı Salvia fruticosa ve dağ çayından Sideritis stricta farklı yöntemlerle çözünür instant bitki çayı üretimi ürününün özgün kalite özelliklerinin belirlenmesi, 2008 - 2010
ÖZDEMİR F., ŞAHİN NADEEM H., TOPUZ A., TUBİTAK Project, Yaş çay ve işlenmiş farklı sınıf çayların sürgün dönemi ve rakıma bağlı olarak polifenolik madde değişimi, 2004 - 2006

Patent

Topuz A., KAPALI DÖNGÜ MODİFİYE ATMOSFER KURUTUCU (KADMAK), Patent, CHAPTER F Mechanical engineering; Lighting; Heating; Weaponry; Destroyed Materials, The Invention Registration Number: 2015 12570 , Standard Registration, 2021

Activities in Scientific Journals

Akademik Gıda, Committee Member, 2021 - Continues
Turkish Journal of Agriculture and Forestry, Committee Member, 2018 - Continues
Akdeniz Üniversitesi Ziraat Fakültesi Dergisi, Assistant Editor/Section Editor, 2012 - 2014

Memberships / Tasks in Scientific Organizations

TUBİTAK, Member, 2016 - 2018

Scientific Refereeing

Gıda, National Scientific Refreed Journal, July 2018
Quality Assurance and Safety of Crops & Foods, SCI Journal, June 2018
Journal of the Science of Food and Agriculture, SCI Journal, May 2018
Turkish Journal of Agriculture and Forestry, SCI Journal, May 2018
Journal of the Science of Food and Agriculture, SCI Journal, May 2018
Akademik Gıda, National Scientific Refreed Journal, March 2018
Journal of the Science of Food and Agriculture, SCI Journal, June 2017
Turkish Journal of Agriculture and Forestry, SCI Journal, May 2017
Quality Assurance and Safety of Crops & Foods, SCI Journal, May 2017
Journal of the Science of Food and Agriculture, SCI Journal, April 2017
Food Chemistry, SCI Journal, March 2017
Quality Assurance and Safety of Crops & Foods, SCI Journal, March 2017
Innovative Food Science and Emerging Technologies, SCI Journal, March 2017
Gıda, National Scientific Refreed Journal, March 2017
Innovative Food Science and Emerging Technologies, SCI Journal, February 2017
Innovative Food Science and Emerging Technologies, SCI Journal, December 2016
Journal of Applied Research on Medicinal and Aromatic Plants, SCI Journal, October 2016
Powder Technology, SCI Journal, September 2016
Quality Assurance and Safety of Crops & Foods, SCI Journal, September 2016
International Journal of Food Properties, SCI Journal, June 2016

Industrial Crops and Products, SCI Journal, June 2016
Journal of Food Engineering, SCI Journal, March 2016
Journal of the Science of Food and Agriculture, SCI Journal, February 2016
Food Chemistry, SCI Journal, November 2015
Journal of the Science of Food and Agriculture, SCI Journal, November 2015
International Journal of Food Science and Technology, SCI Journal, October 2015
Journal of Food Quality, SCI Journal, September 2015
Drying Technology, SCI Journal, July 2015
Powder Technology, SCI Journal, May 2015
Food & Function, SCI Journal, May 2015
European Food Research and Technology, SCI Journal, May 2015
Natural Product Research, SCI Journal, April 2015
Food Chemistry, SCI Journal, March 2015
Journal of Food Science and Technology, SCI Journal, February 2015
Derim, National Scientific Refreed Journal, February 2015
Food Research International, SCI Journal, November 2014
International Journal of Food Engineering , SCI Journal, October 2014
Journal of Food Processing and Preservation, SCI Journal, October 2014
Food Research International, SCI Journal, September 2014
Journal of Food Engineering, SCI Journal, September 2014
Journal of Food & Nutritional Disorders, SCI Journal, August 2014
LWT - Food Science and Technology, SCI Journal, May 2014
Powder Technology, SCI Journal, April 2014
Journal of Food Composition and Analysis, SCI Journal, March 2014
Journal of Food Science and Technology, SCI Journal, March 2014
Industrial Crops and Products, SCI Journal, March 2014
Food Research International, SCI Journal, February 2014
Journal of Chromatographic Science, SCI Journal, February 2014
Uludağ Üniversitesi Ziraat Fakültesi Dergisi, National Scientific Refreed Journal, January 2014
LWT-Food Science and Technology, SCI Journal, January 2014
Derim, National Scientific Refreed Journal, December 2013
Food Chemistry, SCI Journal, December 2013
International Journal of Food Science and Technology, SCI Journal, August 2013
Food Research International, SCI Journal, July 2013
Plant Foods for Human Nutrition, SCI Journal, June 2013
Journal of Chromatographic Science, SCI Journal, June 2013
International Journal of Food Science and Technology, SCI Journal, June 2013
International Journal of Food Science and Technology, SCI Journal, June 2013
Food Research International, SCI Journal, April 2013
Industrial Crops and Products, SCI Journal, March 2013
Jordan Journal of Agricultural Sciences, Other Indexed Journal, March 2013
Journal of Food Science and Technology, SCI Journal, January 2013
Gıda, National Scientific Refreed Journal, January 2013
Journal of Food Engineering, SCI Journal, October 2012
Acta Physiologiae Plantarum, SCI Journal, August 2012
Cyta-Journal of Foods, SCI Journal, June 2012
Industrial Crops and Products, SCI Journal, June 2012
Journal of Agricultural Science and Technology, Other Indexed Journal, June 2012
Journal of Food Science and Technology, SCI Journal, June 2012
Cyta-Journal of Foods, SCI Journal, May 2012
Food Chemistry, SCI Journal, May 2012

LWT-Food Science and Technology, SCI Journal, February 2012
Food Chemistry, SCI Journal, January 2012
Journal of Food Science and Technology, SCI Journal, August 2011
African Journal of Agricultural Research, Other Indexed Journal, August 2011
Journal of Food Science and Technology, SCI Journal, July 2011
Journal of Agricultural and Food Chemistry, SCI Journal, July 2011
LWT-Food Science and Technology, SCI Journal, June 2011
European Food Research and Technology, SCI Journal, May 2011
European Food Research and Technology, SCI Journal, February 2011
Journal of Food Engineering, SCI Journal, December 2010
Journal of Agricultural Science and Technology, Other Indexed Journal, September 2010
Journal of Food Engineering, SCI Journal, September 2010
Journal of Food Engineering, SCI Journal, August 2010
Journal of Agricultural and Food Chemistry, SCI Journal, May 2010
Journal of Food Engineering, SCI Journal, March 2010
Journal of Agricultural Sciences, SCI Journal, November 2009
Journal of Food Composition and Analysis, SCI Journal, May 2009
Journal of Food Engineering, SCI Journal, July 2008
Journal of Food Engineering, SCI Journal, January 2006

Scientific Consultations

Meykon Meyve ve Kaynak Suları A.Ş., Scientific Consultancy, Akdeniz University, Faculty Of Engineering, Department of Food Engineering, Turkey, 2020 - Continues

Tasks In Event Organizations

Topuz A., Küçükçetin A., Torun M., Eroğlu E., XIIIth International Conference of Food Physicists, Scientific Congress, Antalya, Turkey, Ekim 2018

Metrics

Publication: 179
Citation (WoS): 1687
Citation (Scopus): 2354
H-Index (WoS): 23
H-Index (Scopus): 27

Congress and Symposium Activities

XIIIth International Conference of Food Physicists, Moderator, Antalya, Turkey, 2018
International Conference on Agriculture, Forest, Food, Food Sciences and Technologies, Session Moderator, Nevşehir, Turkey, 2017
2nd Food Structure Design Congress, Session Moderator, Antalya, Turkey, 2016
Pamukkale Gıda Sempozyumu III, Session Moderator, Denizli, Turkey, 2015
Novel Approaches in Food Industry, Session Moderator, Aydın, Turkey, 2014

Scholarships

2219-Yurtdışı Doktora Sonrası Araştırma Burs Programı, TÜBİTAK, 2007 - 2008

Awards

Topuz A., Şahan H., Şahan H., Sarvan S., Çamurlu H. E., Çamurlu P., Teşvik Ödülü, Akdeniz Üniveritesi, December 2011