

## Asst. Prof. ASLIHAN YILMAZ GÖYMEN

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-4913-905X

Publons / Web Of Science ResearcherID: AAY-2088-2021

ScopusID: 57212271422

Yoksis Researcher ID: 381056

### Education

Doctorate, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BİYOSİSTEM MÜHENDİSLİĞİ, Turkey 2017 - 2022

Postgraduate, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BİYOSİSTEM MÜHENDİSLİĞİ, Turkey 2015 - 2017

Undergraduate, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BİYOSİSTEM MÜHENDİSLİĞİ, Turkey 2009 - 2015

### Certificates, Courses and Trainings

Measurement and Evaluation, HPLC Cihazı Uygulamalı Eğitimi, TÜBİTAK BUTAL, 2023

Personal Evolution, Aktarılabilir Becerileri Geliştirme Seminerleri - Kişisel Gelişim ve Kariyer, Bursa Uludağ Üniversitesi, 2021

Vocational Training, How to Prepare a Successful Paper, Bursa Uludağ Üniversitesi, 2021

Vocational Training, Springer Nature Author Workshop, Bursa Uludağ Üniversitesi, 2019

### Dissertations

Doctorate, DOĞAL, KONVEKTİF, MİKRODALGA VE KOMBİNE MİKRODALGA-KONVEKTİF KURUTMA YÖNTEMLERİNİN TRABZON HURMASININ BİYOAKTİVİTESİ ÜZERİNE ETKİSİ , Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BİYOSİSTEM MÜHENDİSLİĞİ, 2022

Postgraduate, BÜYÜKBAŞ HAYVAN BÖBREK İÇ YAĞLARINDAN VE KOLZA YAĞINDAN BİYODİZEL ÜRETİMİ VE KOLZA İÇİN FARKLI YAĞ EKSTRAKSİYON YÖNTEMLERİNİN BİYODİZEL KALİTESİNE ETKİSİNİN BELİRLENMESİ, Bursa Uludağ University, ZİRAAT FAKÜLTESİ, BİYOSİSTEM MÜHENDİSLİĞİ, 2017

### Research Areas

Agricultural Sciences

### Academic Positions

## Courses

### Postgraduate

TARIMSAL ÜRÜNLERİ AMBALAJLAMA TEKNOLOJİLERİ, Postgraduate, 2024 - 2025

BİYOYAKITLAR, Postgraduate, 2024 - 2025

### Undergraduate

ÜRÜN İŞLEME TEKNİĞİ, Undergraduate, 2023 - 2024, 2022 - 2023

KALİTE VE STANDARDİZASYON, Undergraduate, 2023 - 2024, 2022 - 2023

TASARIM-PROJE II, Undergraduate, 2023 - 2024, 2022 - 2023

TASARIM-PROJE I, Undergraduate, 2023 - 2024, 2022 - 2023

### Associate Degree

ÜRÜN İŞLEME TEKNİĞİ, Associate Degree, 2024 - 2025, 2023 - 2024

## Journal articles indexed in SCI, SSCI, and AHCI

- I. **Effect of Drying Methods and Pre-treatments on Bioactive Potential of Persimmon (*Diospyros kaki* L.)**  
Yıldız E., Yılmaz A., Gürbüz O., Alibaş İ.  
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.18, no.3, pp.2014-2029, 2024 (SCI-Expanded)
- II. **The effect of different drying methods and microalgae species on the quality parameters of biodiesel obtained by transesterification technique**  
Alibaş İ., Yılmaz A., Alibaş K., Arslan M., Koç C.  
BIOMASS & BIOENERGY, vol.168, pp.1, 2023 (SCI-Expanded)
- III. **Utilizing of the Common Dehydrating Techniques to obtain maximum benefit from the Protein and mineral Composition of rosemary leaves for Spice and Herbal Tea Production**  
Yılmaz A., Alibaş İ.  
PLANT FOODS FOR HUMAN NUTRITION, vol.77, pp.474-480, 2022 (SCI-Expanded)
- IV. **Microwave and convective drying kinetics and thermal properties of orange slices and effect of drying on some phytochemical parameters**  
Alibaş İ., Yılmaz A.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.147, no.15, pp.8301-8321, 2022 (SCI-Expanded)
- V. **The effect of drying methods on the color, chlorophyll, total phenolic, flavonoids, and macro and micronutrients of thyme plant**  
Yılmaz A., Alibaş İ., Aşık B. B.  
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.45, no.11, 2021 (SCI-Expanded)
- VI. **The impact of drying methods on quality parameters of purple basil leaves**  
Yılmaz A., Alibaş İ.  
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.45, 2021 (SCI-Expanded)
- VII. **Influence of drying methods on the nutrients, protein content and vitamin profile of basil leaves**  
Alibaş İ., Yılmaz A., Aşık B. B., Erdoğan H.  
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol.96, 2021 (SCI-Expanded)
- VIII. **Drying kinetics and quality characteristics of green apple peel (*Mallus communis* L. var. "Granny Smith") used in herbal tea production**  
Alibaş İ., Zia M. P., Yılmaz A., Aşık B. B.  
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.44, no.2, 2020 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Influence of Basic Drying Techniques on Color, Protein and Mineral Composition of Coriander Leaves**  
Alibas I, YILMAZ A.  
Kahramanmaraş Sütçü İmam Üniversitesi Tarım ve Doğa Dergisi, vol.26, no.5, pp.1165-1177, 2023 (ESCI)
- II. **Kurutma Yöntemlerinin Deveci Armudunun Kurutma Kinetiği ve Renk Parametreleri Üzerine Etkisi**  
Alibas I, Yılmaz A., Günaydın S., Arkain B.  
Türk Tarım - Gıda Bilim ve Teknoloji Dergisi, vol.9, no.5, pp.897-908, 2021 (Peer-Reviewed Journal)
- III. **Determination of Microwave and Convective Drying Characteristics of Coriander Leaves**  
Yılmaz A., Alibaş İ.  
Journal of Biological & Environmental Sciences (JBES), vol.11, no.32, pp.75-85, 2019 (Peer-Reviewed Journal)
- IV. **The Effect of Drying Methods on Color and Chlorophyll Content of Parsley Leaves**  
ALİBAŞ İ., MAHRUKH ZIA Z., YILMAZ A.  
Turkish Journal of Agriculture - Food Science and Technology, vol.7, no.6, pp.919-926, 2019 (Peer-Reviewed Journal)
- V. **The Significance of Renewable Energy Resources and their Applications in Rural Tourism**  
ALİBAŞ İ., ALİBAŞ K., YILMAZ A.  
International Rural Tourism and Development Journal, vol.1, no.1, pp.37-42, 2017 (Peer-Reviewed Journal)
- VI. **Determination of Microwave and Convective Drying Characteristics of Coriander Leaves**  
YILMAZ A., ALİBAŞ İ.  
Journal of Biological and Environmental Sciences, vol.11, no.32, pp.75-85, 2017 (Peer-Reviewed Journal)
- VII. **Biogas Potential in Görükle Campus of Uludağ University**  
ALİBAŞ İ., ERDOĞAN H., Yılmaz A., ALİBAŞ K.  
Journal of Biological and Environmental Sciences, vol.10, no.29, pp.79-88, 2016 (Peer-Reviewed Journal)

## Books

- I. **Y**  
YILMAZ GÖYMEN A.  
in: KURUTMA SÖZLÜĞÜ, ERTEKİN CAN, BOYAR İSMAİL, Editor, NOBEL AKADEMİK YAYINCILIK, Ankara, pp.453-474, 2024
- II. **L**  
YILMAZ GÖYMEN A.  
in: KURUTMA SÖZLÜĞÜ, ERTEKİN CAN, BOYAR İSMAİL, Editor, NOBEL AKADEMİK YAYINCILIK, Ankara, pp.283-286, 2024

## Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Farklı Kurutma Tekniklerinin Avokado Yapraklarının Kurutma, Termal ve Kalite Parametreleri Üzerindeki Etkisi**  
Alibaş İ., Yılmaz A.  
34. Ulusal Tarımsal Mekanizasyon ve Enerji Kongresi, Bilecik, Turkey, 7 - 09 September 2022, pp.1
- II. **The Effect of Natural, Convective, and Microwave Drying Techniques on Color, Protein, and Mineral Composition of Parsley Leaves**  
Alibaş İ., Yılmaz A.  
IV. Balkan Agriculture Congress, Edirne, Turkey, 31 August - 02 September 2022, pp.198
- III. **Determination of Drying Kinetics, Energy Consumption, and Thermal Properties of Parsley Leaves Dried by Different Methods**

Alibaş İ., Yılmaz A.

ESCICONF 2022 International Conference On Emerging Sources In Science, İstanbul, Turkey, 26 - 27 May 2022

- IV. **The Impact of Microwave and Natural Drying on the Chromatic Parameters, Total Protein, and Nutrients of Chervil Leaves**  
Alibaş İ., Yılmaz A.  
1st International Agricultural Research Congress, 7 - 08 April 2022, pp.1
- V. **The Impact of Microwave and Natural Drying on the Chromatic Parameters, Total Protein, and Nutrients of Chervil Leaves**  
Alibaş İ., Yılmaz A.  
ISPEC 1st International Agricultural Research Congress, Adana, Turkey, 4 - 07 April 2022, pp.11
- VI. **Mikroalga ve Gölgede Kurutmanın Dereotu Yapraklarının Mineral Madde İçeriğine Etkisi**  
Alibaş İ., Yılmaz A.  
33. Ulusal Tarımsal Mekanizasyon ve Enerji Kongresi, Isparta, Turkey, 1 - 03 October 2021, pp.100
- VII. **Mikroalga ve Konveksiyonel Kurutma Yöntemlerinin Kekik Bitkisinin Renk, Klorofil ve Besin Elementi Profiline Etkisi**  
Alibaş İ., Yılmaz A., Aşık B. B.  
32. Ulusal Tarımsal Mekanizasyon ve Enerji Kongresi, Çanakkale, Turkey, 4 - 06 September 2019, pp.90
- VIII. **Yansıtıcı Odak Kollektör ve Sera Etkisi ile Çalışan Güneş Fırınının Performansının Belirlenmesi**  
Alibaş İ., Yılmaz A., Zia M. P.  
31. Ulusal Tarımsal Mekanizasyon ve Enerji Kongresi, Bursa, Turkey, 5 - 07 September 2018, pp.74-75
- IX. **Kanola Tohumundan (Brassica napus L." Samurais" var.) Yağ Elde Etmeye Yönelik Yöntem ve Modelleme Çalışması**  
Alibaş İ., Yılmaz A., Erdoğan H.  
31. Ulusal Tarımsal Mekanizasyon ve Enerji Kongresi, Bursa, Turkey, 5 - 07 September 2018, pp.72-73
- X. **Yansıtıcı Odak, Kolektör ve Sera Etkisiyle Çalışan Güneş Fırınının Performansının Belirlenmesi**  
ALİBAŞ İ., YILMAZ A., ZIA M. P.  
31. Ulusal Tarımsal Mekanizasyon ve Enerji Kongresi, Turkey, 5 - 07 September 2018
- XI. **Determination of Optimum Temperature Level of Spray Dried Microalgae (Chlorella Vulgaris L.) in terms of Colour and Chlorophyll Content**  
Alibaş İ., Yılmaz A., Alibaş K., Koç C., Arslan M.  
XIX. World Congress of the International Commission of Agriculture and Biosystems Engineering, Antalya, Turkey, 22 - 25 April 2018, pp.1
- XII. **Biodiesel Production from Bovine Kidney Fat and Canola Oil**  
ALİBAŞ K., YILMAZ A., OĞUZ H., ALİBAŞ İ.  
XIX. World Congress of The International Commission of Agriculture and Biosystems Engineering, 22 - 25 April 2018
- XIII. **Effect of Pressure and Temperature Level on Fat And Protein Content in Milk Powder Production**  
Alibaş İ., Yılmaz A., Aşık B. B., Erdoğan H.  
XIX. World Congress of the International Commission of Agriculture and Biosystems Engineering, Antalya, Turkey, 22 - 25 April 2018, pp.128
- XIV. **Effect of Pressure and Temperature Level on Nutritional Element in Milk Powder Production**  
ALİBAŞ İ., YILMAZ A., AŞIK B. B.  
XIX. World Congress of The International Commission of Agriculture and Biosystems Engineering, 22 - 25 April 2018
- XV. **Microwave, Convective and Natural Drying Characteristics of Cherry Stalks**  
Yılmaz A., Alibaş İ.  
The 13th International Congress on Mechanization and Energy in Agriculture & International Workshop on Precision Agriculture, İzmir, Turkey, 13 - 15 September 2017, vol.1, pp.17
- XVI. **EVALUATION OF COLOR AND CHLOROPHYLL CONTENT OF PARSLEY, DILL, CORIANDER AND CHERVIL LEAVES SUBJECTED TO MICROWAVE AND NATURAL DRYING**  
ALİBAŞ İ., YILMAZ A.

I. INTERNATIONAL CONGRESS ON MEDICINAL AND AROMATIC PLANTS "NATURAL AND HEALTHY LiFE", 10 - 12  
May 2017, vol.1, pp.1324

**XVII. Yenilenebilir Enerji Kaynaklarının Kırsal Turizmdeki Önemi ve Uygulamaları**

Alibaş İ., Alibaş K., Yılmaz A.

1st Interntional Rural Tourism and Development Congress, Bursa, Turkey, 4 - 06 May 2018, pp.30-35

**XVIII. BURSA SAHİLLERİNDE SIKLIKLA GÖRÜLEN ALG TÜRLERİNDE ENTEGRE ENERJİ ÜRETİMİNİN  
ARAŞTIRILMASI**

ALİBAŞ İ., ALİBAŞ K., YILMAZ A., ARSLAN M., ALBAYRAK T., SEVİNÇ U.

ULUDAĞ ÜNİVERSİTESİ VI. BİLGİLENDİRME VE AR-GE GÜNLERİ, Turkey, 15 - 16 March 2017

**XIX. Zeytin Karasuyunun Entegre Enerji Üretiminde Kullanımı**

ALİBAŞ İ., ALİBAŞ K., YILMAZ A.

ULUDAĞ ÜNİVERSİTESİ VI. BİLGİLENDİRME VE AR-GE GÜNLERİ, Bursa, Turkey, 15 - 16 March 2017

## **Funded Projects**

Alibaş İ., Yılmaz A., Erdoğan H., Aşık B. B., Project Supported by Higher Education Institutions, Fesleğenin Mikrodalga Kurutma Tekniği ile Kurutulması ve Kurutmanın Enerji Tüketimi, Renk, Klorofil Düzeyi, K1 Vitamini, Besin Elementi (N, P, K, Ca, Mg, Mn, Zn, Fe, Cu) ve Protein İçeriğine Etkisinin Belirlenmesi, 2017 - 2018

Alibaş İ., Koç C., Arslan M., Alibaş K., Yılmaz A., Project Supported by Other Official Institutions, Biyodizel Üretiminde Kullanılan Bazı Mikroalg Türlerinin Çeşitli Kurutma Yöntemleri ile Kurutulması ve Kurutulmuş Mikroalglerden Biyodizel Elde Edilmesi, 2015 - 2018

Alibaş K., Alibaş İ., Yılmaz A., Project Supported by Higher Education Institutions, KANOLA TOHUMU VE BÖBREK İÇ YAĞLARINDAN BİYODİZEL ELDE EDİLMESİ, 2016 - 2017

Alibaş İ., Yılmaz A., Erdoğan H., Aşık B. B., Project Supported by Higher Education Institutions, Tam Yağlı İnek Sütünün Sprey Kurutma Tekniği ile Kurutulmasında Sıcaklık ve Basınç Parametrelerinin Süt Tozunun Verim ve Kalite Değerleri Üzerine Etkisinin Belirlenmesi, 2016 - 2016

## **Activities in Scientific Journals**

Bursa Uludağ Üniversitesi Ziraat Fakültesi Dergisi (Online), Committee Member, 2023 - Continues

## **Memberships and Roles in Scientific Organizations**

Tarım Makinaları Derneği, Member, 2019 - Continues, Turkey

## **Peer Reviews in Scientific Publications**

JOURNAL OF FOOD PROCESS ENGINEERING, SCI Journal, May 2024

## **Congress and Symposium Activities**

34. Ulusal Tarımsal Mekanizasyon ve Enerji Kongresi, Panelists, Bilecik, Turkey, 2022

IV. Balkan Agriculture Congress, Panelists, Edirne, Turkey, 2022

ESCICONF 2022 International Conference On Emerging Sources In Science, Panelists, İstanbul, Turkey, 2022

ISPEC 1st International Agricultural Research Congress, Panelists, Adana, Turkey, 2022

33. Ulusal Tarımsal Mekanizasyon ve Enerji Kongresi, Panelists, Isparta, Turkey, 2021

32. Ulusal Tarımsal Mekanizasyon ve Enerji Kongresi, Panelists, Çanakkale, Turkey, 2019

31. Ulusal Tarımsal Mekanizasyon ve Enerji Kongresi, Panelists, Bursa, Turkey, 2018

31. Ulusal Tarımsal Mekanizasyon ve Enerji Kongresi, Panelists, Bursa, Turkey, 2018

XIX. World Congress of the International Commission of Agriculture and Biosystems Engineering , Panelists, Antalya, Turkey, 2018

XIX. World Congress of the International Commission of Agriculture and Biosystems Engineering, Attendee, Antalya, Turkey, 2018

XIX. World Congress of the International Commission of Agriculture and Biosystems Engineering, Panelists, Antalya, Turkey, 2018

XIX. World Congress of the International Commission of Agriculture and Biosystems Engineering, Attendee, Antalya, Turkey, 2018

The 13th International Congress on Mechanization and Energy in Agriculture & International Workshop on Precision Agriculture, Panelists, İzmir, Turkey, 2017

1st International Congress on Medicinal and Aromatic Plants, Attendee, Konya, Turkey, 2017

1st Interntional Rural Tourism and Development Congress, Panelists, Bursa, Turkey, 2017

## **Scholarships**

100/2000 YÖK Doktora Bursu, YOK, 2017 - 2021

## **Awards**

Alibaş İ., Zia M. P., Yılmaz A., Aşık B. B., Top Cited Article, Wiley , October 2022