



AHMET AYGÜN

LECT. PHD

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International Researcher IDs

ScholarID: YB5WkMsAAAAJ

ORCID: 0000-0002-6975-4463

Publons / Web Of Science ResearcherID: C-7106-2016

ScopusID: 57196938442

Yoksis Researcher ID: 47218



Learning Knowledge

Doctorate

2013 - 2020

Akdeniz University, Institute of Science, Gıda Mühendisliği Anabilim Dalı, Turkey

Postgraduate

2010 - 2013

Akdeniz University, Institute of Science, Gıda Mühendisliği Anabilim Dalı, Turkey

Undergraduate

2005 - 2010

Akdeniz University, Faculty Of Engineering, Gıda Mühendisliği, Turkey

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Quality Management, ISO 17025 Akreditasyon Standardı, Strengthening Quality Infrastructure in Turkey Project, 2011

Quality Management, ISO 17025 Test Laboratuvarları İçin Ölçüm Belirsizliği, Strengthening Quality Infrastructure in Turkey Project, 2011

Quality Management, ISO 17025 Test Laboratuvarları İçin Metot Validasyonu, Strengthening Quality Infrastructure in Turkey Project, 2011

Quality Management, ISO 18001:2007 İş Sağlığı ve Güvenliği Temel Eğitimi, Standart Kalite Certification, İstanbul, 2009

Quality Management, ISO 9001:2000 Kalite Yönetim Sistemi Temel Eğitimi, Standart Kalite Certification, İstanbul, 2009

Quality Management, ISO14001:2004 Çevre Yönetim Sistemi Eğitimi, Standart Kalite Certification, İstanbul, 2009

Quality Management, ISO 22000:2005 Gıda Güvenliği Yönetim Sistemi Temel Eğitimi, Standart Kalite Certification, İstanbul, 2009

Dissertations

Doctorate, FARKLI YENEBİLİR FİLM ÇÖZELTİLERİ İLE KAPLANARAK KURUTULAN MEYVELERİN KALİTE ÖZELLİKLERİ VE DEPOLANMA STABİLİTELERİNİN BELİRLENMESİ, Akdeniz University, Institute of Science, Gıda Mühendisliği Anabilim Dalı, 2019

Postgraduate, Nişasta Kaynağının ve Çeşitli Yardımcı Malzemelerin Nişasta Bazlı Köpük Tabakların Özellikleri Üzerine Etkisi, Akdeniz University, Institute of Science, Gıda Mühendisliği Anabilim Dalı, 2013

Academic Titles / Tasks

Lecturer PhD
2014 - Continues

Akdeniz University, Finike Vocational School, Department of Food Processing

Supported Projects

1. USLU M. K., POLAT S., AYGÜN A., Project Supported by Higher Education Institutions, Effects of Starch Sources and Supplementary Materials on Starch Based Foam Trays, 2018 - 2021
2. USLU M. K., AYGÜN A., TORUN M., Project Supported by Higher Education Institutions, Muz ve kayısıların kurutulması sırasında yenebilir filmlerle kaplamanın kurutulmuş meyve kalitesi üzerine etkisi, 2018 - 2020
3. AYGÜN A., Project Supported by Other Official Institutions, Gıda ambalajlanmasında kullanılabilen, biyolojik olarak parçalanabilir, aktif ambalaj materyali üretimi ve geliştirilmesi, 2012 - 2013

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Effects of Starch Sources and Supplementary Materials on Starch Based Foam Trays**
AYGÜN A., USLU M. K., POLAT S.
JOURNAL OF POLYMERS AND THE ENVIRONMENT, vol.25, no.4, pp.1163-1174, 2017 (SCI-Expanded)
2. **The effects of the addition of corn husk fibre, kaolin and beeswax on cross-linked corn starch foam**
POLAT S., Uslu M., Aygün A., CERTEL M.
JOURNAL OF FOOD ENGINEERING, vol.116, no.2, pp.267-276, 2013 (SCI-Expanded)

Books & Book Chapters

1. **Nanoencapsulation of Essential Oil-Based Packaging for Shelf-Life Extension of Foods**
Polat S., Aygün A.
in: Nanotechnology Interventions in Food Packaging and Shelf Life, Aamir Hussain Dar, Gulzar Ahmad Nayik, Editor, Routledge, London/New York , Florida, pp.217-244, 2022

Refereed Congress / Symposium Publications in Proceedings

1. **Gıdaların Ambalajlanmasında Yeni Eğilimler: Nanoparçacık İçeren Ambalaj Malzemeleri**
AYGÜN A., USLU M. K.
International Food, Agriculture and Gastronomy Congress, Antalya, Turkey, pp.61
2. **Gıdaların Ambalajlanmasında Yeni Eğilimler: Nanoparçacık İçeren Ambalaj Malzemeleri**
AYGÜN A., USLU M. K.
International Food, Agriculture and Gastronomy Congress, Antalya, Turkey, pp.61
3. **influence of edible coatings on some physicochemical properties of dried banana (Musa Cavendish)**
AYGÜN A., USLU M. K., TORUN M., Aygün T.

- AGROFOOD, İstanbul, Turkey, 20 - 21 June 2019, pp.1
4. **influence of edible coatings on some physicochemical properties of dried banana (Musa Cavendish)**
AYGÜN A., USLU M. K., TORUN M., Aygün T.
AGROFOOD, İstanbul, Turkey, 20 - 21 June 2019, pp.1
 5. **Influence of edible coatings on some physicochemical properties of dried banana (Musa Cavendish)**
AYGÜN A., USLU M. K., TORUN M., Aygün T.
AGROFOOD, İstanbul, Turkey, 20 - 21 June 2019, pp.1
 6. **Effects of edible coatings before drying on some properties of dried banana**
USLU M. K., AYGÜN A., Küçüközet A. O.
XIIIth International Conference of Food Physicists, Antalya, Turkey, 23 - 25 October 2018, pp.111
 7. **Effects of edible coatings before drying on some properties of dried banana**
USLU M. K., AYGÜN A., Küçüközet A. O.
XIIIth International Conference of Food Physicists, Antalya, Turkey, 23 - 25 October 2018, pp.111
 8. **Oleoresin İçeren Yenilebilir Filmlerin Üretimi ve Bazı Özelliklerinin Belirlenmesi**
KÜÇÜKÖZET A. O., USLU M. K., AYGÜN A.
Türkiye 12. Gıda Kongresi, Edirne, Turkey, 5 - 07 October 2016, pp.77
 9. **Yenilebilir Filmle Sarılarak Pişirilen Piliç Eti Üzerine Filmin Etkisinin Belirlenmesi**
USLU M. K., KÜÇÜKÖZET A. O., AYGÜN A.
Türkiye 12. Gıda Kongresi, Edirne, Turkey, 5 - 07 October 2016, pp.60
 10. **Oleoresin İçeren Yenilebilir Filmlerin Üretimi ve Bazı Özelliklerinin Belirlenmesi**
KÜÇÜKÖZET A. O., USLU M. K., AYGÜN A.
Türkiye 12. Gıda Kongresi, Edirne, Turkey, 5 - 07 October 2016, pp.77
 11. **Yenilebilir Filmle Sarılarak Pişirilen Piliç Eti Üzerine Filmin Etkisinin Belirlenmesi**
USLU M. K., KÜÇÜKÖZET A. O., AYGÜN A.
Türkiye 12. Gıda Kongresi, Edirne, Turkey, 5 - 07 October 2016, pp.60
 12. **Su ürünleri kaynaklı fosfolipidler: Özellikleri, kaynakları ve uygulama alanları**
AYGÜN T., TOPUZ O. K., AYGÜN A.
18. Su Ürünleri Sempozyumu 2015, İzmir, Turkey, 1 - 04 September 2015, vol.1, no.1, pp.451
 13. **Alabalık (*Oncorhynchus mykiss*) yumurtasının besinsel özellikleri**
TOPUZ O. K., AYGÜN T., AYGÜN A.
18. Su Ürünleri Sempozyumu 2015, İzmir, Turkey, 1 - 04 September 2015, vol.1, no.1, pp.451
 14. **Effects Of Starch Type On some Properties Of Baked Foam Trays**
AYGÜN A., USLU M. K., POLAT S.
International Food Congress Novel Approaches in Food Industry NAFI 2014, Aydın, Turkey, 26 - 29 May 2014, pp.121
 15. **The Effects Of Various Supplementary Materials On the Properties of Starch Based Foam Plates**
AYGÜN A., USLU M. K., POLAT S.
International Food Congress Novel Approaches in Food Industry NAFI 2014, Aydın, Turkey, 26 - 29 May 2014, pp.122
 16. **Effects Of Starch Type On some Properties Of Baked Foam Trays**
AYGÜN A., USLU M. K., POLAT S.
International Food Congress Novel Approaches in Food Industry NAFI 2014, Aydın, Turkey, 26 - 29 May 2014, pp.121
 17. **The Effects Of Various Supplementary Materials On the Properties of Starch Based Foam Plates**
AYGÜN A., USLU M. K., POLAT S.
International Food Congress Novel Approaches in Food Industry NAFI 2014, Aydın, Turkey, 26 - 29 May 2014, pp.122
 18. **Effects of corn fiber, clay and beeswax on the some properties of corn starch based foam trays**
USLU M. K., Polat S., AYGÜN A.
International Food Congress Novel Approaches in Food Industry, Turkey, pp.688
 19. **Properties of baked foams obtained from native and cross-linked corn starches**

USLU M. K., Polat S., AYGÜN A.

. International Food Congress Novel Approaches in Food Industry, Turkey, pp.687

20. **Properties of baked foams obtained from native and cross-linked corn starches**

USLU M. K., Polat S., AYGÜN A.

. International Food Congress Novel Approaches in Food Industry, Turkey, 1 - 04 May 2011, pp.687

21. **Viscosities and morphological properties of the modified corn starches**

AYGÜN A., USLU M. K.

International Food Congress Novel Approaches in Food Industry, Turkey, 1 - 04 May 2011, pp.647

22. **Effects of corn fiber, clay and beeswax on the some properties of corn starch based foam trays**

USLU M. K., Polat S., AYGÜN A.

International Food Congress Novel Approaches in Food Industry, Turkey, 1 - 04 May 2011, pp.688

23. **Viscosities and morphological properties of the modified corn starches**

AYGÜN A., USLU M. K.

International Food Congress Novel Approaches in Food Industry, Turkey, pp.647

Academic and Administrative Experience

2017 - Continues	Deputy Director of Junior College	Akdeniz University, Finike Vocational School
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Courses

Hijyen ve Sanitasyon, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020

Salamura Teknolojisi, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Mesleki İngilizce I, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Gıda ve Personel Hijyeni, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Mesleki İngilizce II, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020

Duyusal Analiz, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020

Meyve Sebze Ürünlerinde Kalite Kontrol, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020

Temel İşlemler, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Beslenme İlkeleri, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020

Gıda Makine ve Ekipmanları, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021

Konserve Üretim Teknolojisi, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Gıda Mikrobiyolojisi, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020

Meyve ve Sebzelerin Muhafaza Teknikleri, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Bahçe Ürünlerinin Muhafazası, Associate Degree, 2022 - 2023, 2021 - 2022

Gıda Maddelerinin Ambalajlanması, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020

Genel Mikrobiyoloji, Associate Degree, 2022 - 2023, 2021 - 2022

Gıda Makine ve Ekipmanları, Associate Degree, 2019 - 2020

Bahçe Ürünlerinin Muhafazası, Associate Degree, 2020 - 2021, 2019 - 2020

Gıda Ürünlerinin Pazarlanması, Associate Degree, 2019 - 2020

Genel Mikrobiyoloji, Associate Degree, 2020 - 2021, 2019 - 2020

Gıda Mikrobiyolojisi, Associate Degree, 2018 - 2019

Hijyen ve Sanitasyon, Associate Degree, 2018 - 2019

Elektronik Ticaret, Associate Degree, 2018 - 2019

Ticari Matematik, Associate Degree, 2018 - 2019

Ticari Matematik, Associate Degree, 2018 - 2019

Duyusal Analiz, Associate Degree, 2018 - 2019

İnsan Kaynakları Yönetimi, Associate Degree, 2018 - 2019
Beslenme İlkeleri ve Menü Planlama, Associate Degree, 2019 - 2020
Genel Mikrobiyoloji, Associate Degree, 2018 - 2019
İleri Düzey Ofis Uygulamaları, Associate Degree, 2017 - 2018, 2016 - 2017
Bahçe Ürünlerinin Muhafazası, Associate Degree, 2018 - 2019, 2017 - 2018
Ticari Matematik, Associate Degree, 2017 - 2018, 2016 - 2017
İnsan Kaynakları Yönetimi, Associate Degree, 2018 - 2019, 2017 - 2018
Genel Matematik, Associate Degree, 2018 - 2019
İnsan Kaynakları Yönetimi, Associate Degree, 2017 - 2018
Genel Matematik, Associate Degree, 2018 - 2019, 2017 - 2018
Beslenme İlkeleri ve Menü Planlama, Associate Degree, 2018 - 2019
Genel Matematik, Associate Degree, 2018 - 2019
İnsan Kaynakları Yönetimi, Associate Degree, 2017 - 2018, 2016 - 2017
Genel Matematik, Associate Degree, 2018 - 2019
Ticari Matematik, Associate Degree, 2017 - 2018, 2016 - 2017
Temel İşlemler, Associate Degree, 2018 - 2019
Genel Fizik, Associate Degree, 2017 - 2018
Gıda Makine ve Ekipmanları, Associate Degree, 2018 - 2019
Elektronik Ticaret, Associate Degree, 2017 - 2018, 2016 - 2017
Genel Matematik, Associate Degree, 2017 - 2018
Gıda ve Personel Hijyeni, Associate Degree, 2017 - 2018
Menü Planlama, Associate Degree, 2017 - 2018
Menü Planlama, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015
Gıda ve Personel Hijyeni, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015
Genel Matematik, Associate Degree, 2016 - 2017
Ticari Matematik, Associate Degree, 2015 - 2016
Bahçe Ürünleri Değerlendirilmesi, Associate Degree, 2015 - 2016
Elektronik Ticaret, Associate Degree, 2015 - 2016
Bahçe Ürünleri Muhafazası, Associate Degree, 2016 - 2017
İleri Düzey Ofis Uygulamaları, Associate Degree, 2015 - 2016
Genel Fizik, Associate Degree, 2015 - 2016, 2014 - 2015
Bahçe Ürünlerinin Değerlendirilmesi, Associate Degree, 2014 - 2015
Mutfak Hizmetleri, Associate Degree, 2014 - 2015
Bahçe Ürünlerinin Muhafazası, Associate Degree, 2015 - 2016, 2014 - 2015
Bilgi ve İletişim Teknolojisi, Associate Degree, 2015 - 2016, 2014 - 2015
Otel İşletmeciliği, Associate Degree, 2014 - 2015
Dış Ticarete Kalite ve Standardizasyon, Associate Degree, 2014 - 2015
Genel Turizm, Associate Degree, 2014 - 2015

Metrics

Publication: 26
Citation (WoS): 48
Citation (Scopus): 73
H-Index (WoS): 2
H-Index (Scopus): 2

Research Areas

Food Engineering, Food Technology, Food Biotechnology, Fruits, Vegetables and Nuts, Sugars, Syrups, Starches and Candy, Food Processing (pasteurisation, sterilisation, refrigeration, lyophilisation, etc.), Food Packaging, Engineering and Technology