

Prof. Muhammet İrfan AKSU

Personal Information

Office Phone: [+90 442 231 2428](tel:+904422312428) Extension: 2428

Email: miaksu@atauni.edu.tr

Web: <https://avesis.atauni.edu.tr/miaksu>

International Researcher IDs

ScholarID: kHxmapkAAAAJ

ORCID: 0000-0001-9391-6955

Publons / Web Of Science ResearcherID: AAF-5166-2020

ScopusID: 7007100192

Yoksis Researcher ID: 23501

Education Information

Doctorate, Ataturk University, Ziraat Fakültesi, Gıda Mühendisliği, Turkey 1995 - 1999

Postgraduate, Ataturk University, Ziraat Fakültesi, Gıda Mühendisliği, Turkey 1992 - 1995

Undergraduate, Ataturk University, Ziraat Fakültesi, Gıda Mühendisliği, Turkey 1987 - 1992

Dissertations

Doctorate, Pastırma üretiminde starter kültür kullanım imkanlarının araştırılması, Ataturk University, Ziraat Fakültesi, Gıda Mühendisliği, 1999

Postgraduate, Trabzon hurmasının depolanması ve reçel, marmelat üretiminde kullanım imkanları, Ataturk University, Ziraat Fakültesi, Gıda Mühendisliği, 1995

Research Areas

Food Engineering, Food Science, Food Technology, Meat, Poultry and Game Technology, Engineering and Technology

Academic Titles / Tasks

Professor, Ataturk University, Ziraat Fakültesi, Gıda Mühendisliği, 2023 - Continues

Professor, Eskisehir Osmangazi University, Ziraat Fakültesi, Gıda Mühendisliği Bölümü, 2019 - 2023

Professor, Ataturk University, Ziraat Fakültesi, Gıda Mühendisliği, 2013 - 2019

Associate Professor, Ataturk University, Ziraat Fakültesi, Gıda Mühendisliği, 2007 - 2013

Assistant Professor, Ataturk University, Ziraat Fakültesi, Gıda Mühendisliği, 2000 - 2007

Research Assistant, Ataturk University, Ziraat Fakültesi, Gıda Mühendisliği, 1993 - 2000

Academic and Administrative Experience

Bölüm Kalite Komisyonu Başkanı, Eskisehir Osmangazi University, Ziraat Fakültesi, Gıda Mühendisliği Bölümü, 2023 - 2023

Scientific Award Committee Member, Eskisehir Osmangazi University, Ziraat Fakültesi, Gıda Mühendisliği Bölümü, 2022 - 2023

Bilim ve Araştırma Politikaları Kurulu Üyesi, Eskisehir Osmangazi University, Ziraat Fakültesi, Gıda Mühendisliği Bölümü, 2022 - 2023

Rektörlük Akademik Teşvik Değerlendirme Komisyonu Üyesi, Eskisehir Osmangazi University, Ziraat Fakültesi, Gıda Mühendisliği Bölümü, 2022 - 2023

Ethics Committee Member, Eskisehir Osmangazi University, Ziraat Fakültesi, Gıda Mühendisliği Bölümü, 2022 - 2023

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Eskisehir Osmangazi University, Ziraat Fakültesi, Gıda Mühendisliği Bölümü, 2022 - 2023

Unit Accreditation Board Member, Eskisehir Osmangazi University, Ziraat Fakültesi, Gıda Mühendisliği Bölümü, 2020 - 2023

Head of Department, Eskisehir Osmangazi University, Ziraat Fakültesi, Gıda Mühendisliği Bölümü, 2020 - 2023

Head of Department, Eskisehir Osmangazi University, Ziraat Fakültesi, Gıda Mühendisliği Bölümü, 2020 - 2023

Fakülte Kurulu Üyesi, Eskisehir Osmangazi University, Ziraat Fakültesi, Gıda Mühendisliği Bölümü, 2020 - 2023

Bölüm Akademik Teşvik Değerlendirme Komisyonu Başkanı, Eskisehir Osmangazi University, Ziraat Fakültesi, Gıda Mühendisliği Bölümü, 2020 - 2022

Enstitü Yönetim Kurulu Üyesi, Ataturk University, Fen Bilimleri Enstitüsü, Gıda Mühendisliği Anabilim Dalı, 2013 - 2016

Scientific Award Committee Member, Ataturk University, Fen Bilimleri Enstitüsü, Gıda Mühendisliği Anabilim Dalı, 2009 - 2013

BAP Subcommittee Member, Ataturk University, Ziraat Fakültesi, Gıda Mühendisliği, 2009 - 2012

Fakülte Yönetim Kurulu Üyesi, Ataturk University, Ziraat Fakültesi, Gıda Mühendisliği, 2005 - 2007

Fakülte Kurulu Üyesi, Ataturk University, Ziraat Fakültesi, Gıda Mühendisliği, 2002 - 2005

Courses

Et ve Et Ürünlerinde Kalite Kontrolü ve Analiz Yöntemleri, Doctorate, 2023 - 2024, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

KANATLI ETİ İŞLEME TEKNOLOJİSİ, Postgraduate, 2023 - 2024, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

KANATLI ETİ İŞLEME TEKNOLOJİSİ, Postgraduate, 2023 - 2024

KANATLI ETİ İŞLEME TEKNOLOJİSİ, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

ET BİLİMİ VE TEKNOLOJİSİ, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

ET BİYOKİMYASI VE KALİTESİ, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

ET ÜRÜNLERİNDE KALİTE KONTROLÜ VE ANALİZ YÖNTEMLERİ, Postgraduate, 2022 - 2023, 2021 - 2022

KIRMIZI ET ÜRÜNLERİ VE İŞLEME TEKNOLOJİLERİ, Postgraduate, 2022 - 2023, 2021 - 2022

GIDA ANALİZLERİ TEORİ VE UYGULAMALARI, Postgraduate, 2020 - 2021

Et Ürünleri İşleme Mühendisliği, Undergraduate, 2016 - 2017

Et Ürünleri İşleme Mühendisliği, Undergraduate, 2016 - 2017

Et Analizleri-II, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Et Analizleri-II, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Et Tesislerinin Kuruluşu ve Organizasyonu, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007

Et Tesislerinin Kuruluşu ve Organizasyonu, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

SU ÜRÜNLERİ İŞLEME TEKNOLOJİSİ, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Et Ürünleri İşleme Mühendisliği, Undergraduate, 2014 - 2015, 2013 - 2014

Et Analizleri-I, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Et Ürünleri İşleme Mühendisliği, Undergraduate, 2014 - 2015, 2013 - 2014

SU ÜRÜNLERİ İŞLEME TEKNOLOJİSİ, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Et Analizleri-I, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
Besin Kimyası ve Analizleri, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
Et Bilimi ve Teknolojisi, Undergraduate, 2014 - 2015, 2013 - 2014
Et Bilimi ve Teknolojisi, Undergraduate, 2014 - 2015, 2013 - 2014
Ürün Geliştirme, Undergraduate, 2012 - 2013, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008
GIDA ANALİZLERİ-II, Undergraduate, 2002 - 2003, 2001 - 2002
Meslek Tarihi ve Deontolojisi, Undergraduate, 2001 - 2002
GIDA ANALİZLERİ-I, Undergraduate, 2001 - 2002, 2000 - 2001

Advising Theses

Aksu M. İ., Güçlü C., Geleneksel Kars Gravyer peynirlerinin maya florasının tanımlanması ve çeşitli kalite özellikleri, Postgraduate, T.ÜRVELLİ(Student), 2022
Aksu M. İ., Pastırma üretim aşamalarında fosfolipit fraksiyonundaki yağ asidi kompozisyonunun belirlenmesi, Postgraduate, M.DOĞAN(Student), 2016
Aksu M. İ., Dilimlenmiş ve vakum ambalajlanmış sığır etinin raf ömrü üzerine ısırgan otu (*Urtica dioica* L.) su ekstraktının etkisi, Postgraduate, H.ALİNEZHAD(Student), 2015
Aksu M. İ., Pastırmanın serbest amino asit kompozisyonu ve diğer bazı kalitatif özellikleri üzerine farklı nitrit seviyelerinin etkileri, Postgraduate, E.ERDEMİR(Student), 2012
Aksu M. İ., Sırt, bohça, şekerpare ve kuşgözü pastırma çeşitlerinin kalite özellikleri, Postgraduate, N.ÇAKICI(Student), 2012
Aksu M. İ., Bazı pastırma çeşitlerinin (sırt, bohça, şekerpare) serbest amino asit kompozisyonu, Postgraduate, S.CEYLAN(Student), 2009
Aksu M. İ., Sığır kıymasının kalite özellikleri ve raf ömrüne ısırgan otu (*Urtica dioica* L.) ve modifiye atmosferde ambalajlamanın etkileri, Postgraduate, E.ALP(Student), 2008
Aksu M. İ., Et teknolojisinde yüksek basınç uygulamaları, Postgraduate, H.ÖZLÜ(Student), 2006
Aksu M. İ., Vitamin E ve farklı depolama şartlarının kavurmanın lipid oksidasyonu ile renk ve duyu özelliklerine etkisi, Postgraduate, M.ADIGÜZEL(Student), 2005

Jury Memberships

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Atatürk Üniversitesi, February, 2024
Post Graduate, Post Graduate, Eskişehir Osmangazi Üniversitesi, July, 2023
Associate Professor Exam, Associate Professor Exam, Eskişehir Osmangazi Üniversitesi, May, 2023
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Eskişehir Osmangazi Üniversitesi, April, 2023
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Eskişehir Osmangazi Üniversitesi, January, 2023
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Eskişehir Osmangazi Üniversitesi, January, 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- Freeze-dried pomegranate extract as a natural and novel ingredient in cemen paste and pastırma quality during refrigerated storage**
Aksu M. İ., Turan E., Erdemir E., Öz F.
EUROPEAN FOOD RESEARCH AND TECHNOLOGY, vol.249, no.5, pp.1329-1341, 2023 (SCI-Expanded)

- II. **Utilization of spray-dried raspberry powder as a natural additive to improve oxidative stability, microbial quality and overcome the perception of discoloration in vacuum-packed ground beef during chilled storage**
AKSU M. İ., Turan E., GÜLBANDILAR A., Tamturk F.
MEAT SCIENCE, vol.197, 2023 (SCI-Expanded)
- III. **Properties of black carrot extract and its efficacy for improving the storage quality of vacuum packaged fresh meat products**
AKSU M. İ., Turan E.
PACKAGING TECHNOLOGY AND SCIENCE, vol.35, no.4, pp.339-349, 2022 (SCI-Expanded)
- IV. **Chemical, microbial, color, oxidative and sensory properties of clean-label pastirma produced with raspberry water extracts as a novel ingredient**
AKSU M. İ., Erdemir E., Turan E., ÖZ F.
MEAT SCIENCE, vol.186, 2022 (SCI-Expanded)
- V. **The effect of potassium lactate on the free amino acid composition, lipid oxidation, colour, microbiological, and sensory properties of ready-to-eat pastirma, a dry-cured and dried meat product**
AKSU M. İ., Erdemir E.
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE, vol.59, no.4, pp.1288-1298, 2022 (SCI-Expanded)
- VI. **Red raspberry (*Rubus ideaus* L.) extracts: A novel ingredient in cemen paste**
AKSU M. İ., Turan E., ŞAT İ. G., Erdemir E.
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.45, no.11, 2021 (SCI-Expanded)
- VII. **Effects of lyophilized black carrot (*Daucus carota* L.) water extract on the shelf life, physico-chemical and microbiological quality of high-oxygen modified atmosphere packaged (HiOx-MAP) ground beef**
AKSU M. İ., Turan E.
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE, vol.58, no.9, pp.3514-3524, 2021 (SCI-Expanded)
- VIII. **Effects of lyophilized red cabbage water extract and pH levels on the quality properties of pastirma cemen paste during chilled storage**
AKSU M. İ., Turan E., ŞAT İ. G.
JOURNAL OF STORED PRODUCTS RESEARCH, vol.89, 2020 (SCI-Expanded)
- IX. **Effects of red beet extracts on protein and lipid oxidation, colour, microbial, sensory properties and storage stability of Turkish pastirma**
AKSU M. İ., Erdemir E., Turan E., ŞAT İ. G.
JOURNAL OF STORED PRODUCTS RESEARCH, vol.89, 2020 (SCI-Expanded)
- X. **Effects of cemen paste with lyophilized red cabbage water extract on the quality characteristics of beef pastirma during processing and storage**
AKSU M. İ., Erdemir E., ÖZ F., Turan E., GÜRSES M.
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.44, no.11, 2020 (SCI-Expanded)
- XI. **Improvement of quality properties of cemen paste of pastirma by lyophilized red cabbage water extract**
Aksu M. İ., Turan E., ŞAT İ. G., Erdemir E., ÖZ F., GÜRSES M.
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.44, no.9, 2020 (SCI-Expanded)
- XII. **THE EFFECTS OF DIFFERENT COOKING METHODS ON SOME QUALITY CRITERIA AND MINERAL COMPOSITION OF BEEF STEAKS**
ÖZ F., Aksu M. İ., Turan M.
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.41, no.4, 2017 (SCI-Expanded)
- XIII. **CHANGES IN THE COMPOSITION OF FREE AMINO ACID DURING PRODUCTION OF PASTIRMA CURED WITH DIFFERENT LEVELS OF SODIUM NITRITE**
Erdemir E., Aksu M. İ.
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.41, no.2, 2017 (SCI-Expanded)
- XIV. **Changes in the Total Lipid, Neutral Lipid, Phospholipid and Fatty Acid Composition of Phospholipid**

Fractions during Pastirma Processing, a Dry-Cured Meat Product

Aksu M. İ., Dogan M., Sirkecioğlu A. N.

KOREAN JOURNAL FOR FOOD SCIENCE OF ANIMAL RESOURCES, vol.37, no.1, pp.18-28, 2017 (SCI-Expanded)

- XV. **Changes in the Physico-chemical and Microbial Quality during the Production of Pastirma Cured with Different Levels of Sodium Nitrite**
Aksu M. İ., Erdemir E., Cakici N.
KOREAN JOURNAL FOR FOOD SCIENCE OF ANIMAL RESOURCES, vol.36, no.5, pp.617-625, 2016 (SCI-Expanded)
- XVI. **THE EFFECT OF DIRECT ADDITION OF CONJUGATED LINOLEIC ACID ON THE FORMATION OF HETEROCYCLIC AROMATIC AMINES IN BEEF CHOPS**
ÖZ F., KIZIL M., ÇAKMAK I., AKSU M. İ.
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.39, no.6, pp.2820-2833, 2015 (SCI-Expanded)
- XVII. **EFFECT OF LYOPHILIZED WATER EXTRACT OF URTICA DIOICA L. ON THE SHELF LIFE OF VACUUM-PACKAGED BEEF STEAKS**
Aksu M. İ., Alinezhad H., Erdemir E.
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.39, no.6, pp.3059-3066, 2015 (SCI-Expanded)
- XVIII. **A survey of the physico-chemical and microbiological quality of different pastirma types: a dry-cured meat product**
Cakici N., Aksu M. İ., Erdemir E.
CYTA-JOURNAL OF FOOD, vol.13, no.2, pp.196-203, 2015 (SCI-Expanded)
- XIX. **The impact of slaughter age on performance, carcass traits, properties of cut-up pieces of carcasses, and muscle development in broiler chickens**
ÇOBAN Ö., LAÇIN E., AKSU M. İ., KARA A., SABUNCUOĞLU N.
EUROPEAN POULTRY SCIENCE, vol.78, 2014 (SCI-Expanded)
- XX. **Effects of supplementing broiler diets with *Saccharomyces cerevisiae* at different levels and frozen storage on the meat quality traits of breasts and drumsticks**
Aksu M. İ., Karaoğlu M. M., Esenbuğa N., Macit M., Er H. O.
EUROPEAN POULTRY SCIENCE, vol.78, 2014 (SCI-Expanded)
- XXI. **A survey of selected minerals in ready-to-eat pastirma types from different regions of Turkey using ICP/OES**
Aksu M. İ., Erdemir E.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.38, no.5, pp.564-571, 2014 (SCI-Expanded)
- XXII. **Effect of thyme oil (*Thymbra spicata* l. Var. *Spicata*) on meat quality in Japanese quails**
Aksu T., Aksu M. İ., Onel S. E., Yakan A., Kaya D. A., Baylan M.
EUROPEAN POULTRY SCIENCE, vol.78, 2014 (SCI-Expanded)
- XXIII. **EFFECTS OF LYOPHILIZED WATER EXTRACT OF *SATUREJA HORTENSIS* ON THE SHELF LIFE AND QUALITY PROPERTIES OF GROUND BEEF**
Aksu M. İ., Özer H.
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.37, no.5, pp.777-783, 2013 (SCI-Expanded)
- XXIV. **The effects of different breeding methods on fattening performance and parameters related to slaughter, carcass and some meat quality in broiler chickens Farkli yetiştirme metotları etlik piliçlerde besi performansı, kesim ve karkas özellikleri ile bazı et kalite parametreleri üzerine etkisi**
Laçin E., Çoban Ö., Aksu M. İ., Sabuncuoglu N., Das H.
Kafkas Üniversitesi Veteriner Fakültesi Dergisi, vol.19, no.2, pp.283-289, 2013 (SCI-Expanded)
- XXV. **The Effects of Different Breeding Methods on Fattening Performance and Parameters Related to Slaughter Carcass and Some Meat Quality in Broiler Chickens**
LAÇIN E., ÇOBAN Ö., AKSU M. İ., SABUNCUOĞLU ÇOBAN N., DAŞ H.
Kafkas Üniversitesi Veteriner Fakültesi Dergisi, 2013 (SCI-Expanded)
- XXVI. **Effects of different finishing systems on carcass traits, fatty acid composition, and beef quality characteristics of young Eastern Anatolian Red bulls**
Yüksel S., Yanar M., Aksu M. İ., Kopuzlu S., Kaban G., Sezgin E., Öz F.

- TROPICAL ANIMAL HEALTH AND PRODUCTION, vol.44, no.7, pp.1521-1528, 2012 (SCI-Expanded)
- XXVII. **Effects of Sodium Tripolyphosphate and Modified Atmosphere Packaging on the Quality Characteristics and Storage Stability of Ground Beef**
Aksu M. İ., Alp Erbay E.
FOOD TECHNOLOGY AND BIOTECHNOLOGY, vol.50, no.1, pp.81-87, 2012 (SCI-Expanded)
- XXVIII. **FATTY ACID COMPOSITION, LEAN COLOR AND DRIP LOSS OF THE DIFFERENT MUSCLES FROM YOUNG HOLSTEIN FRIESIAN BULLS FINISHED ON DIETS CONTAINING VARIED PROPORTIONS OF WET SUGAR BEET PULP AND WHEAT STRAW**
YUKSEL S., TURGUT L., YANAR M., AKSU M. İ., KABAN G., UNLU N.
BULGARIAN JOURNAL OF AGRICULTURAL SCIENCE, vol.17, no.5, pp.696-703, 2011 (SCI-Expanded)
- XXIX. **A study on possibility of Rosa canina seed use as feed ingredient in diets of Morkaraman male lambs**
Esenbuğa N., Macit M., Karaoglu M., Aksakal V., Yörük M. A., Gül M., Aksu M. İ., Bilgin Ö. C.
TROPICAL ANIMAL HEALTH AND PRODUCTION, vol.43, no.7, pp.1379-1384, 2011 (SCI-Expanded)
- XXX. **Utilization of Thymus Vulgaris L. in the production of sucuk**
Öz F., Kaya M., Aksu M. İ.
Journal of Food Processing and Preservation, vol.35, no.4, pp.483-487, 2011 (SCI-Expanded)
- XXXI. **Free amino acids profile and quantities of 'sirt', 'bohca' and 'sekerpare' pastirma, dry cured meat products**
Ceylan S., Aksu M. İ.
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, vol.91, no.5, pp.956-962, 2011 (SCI-Expanded)
- XXXII. **Effects of organically-complexed minerals on meat quality in chickens**
Aksu T., Aksu M. İ., Yoruk M. A., Karaoglu M.
BRITISH POULTRY SCIENCE, vol.52, no.5, pp.558-563, 2011 (SCI-Expanded)
- XXXIII. **Effects of different fat sources and levels on the fatty acid composition in different tissues of laying hens**
Çelebi Ş., Utlu N., Aksu M. İ.
JOURNAL OF APPLIED ANIMAL RESEARCH, vol.39, no.1, pp.25-28, 2011 (SCI-Expanded)
- XXXIV. **Effects of water extract of Urtica dioica L. and modified atmosphere packaging on the shelf life of ground beef**
Alp Erbay E., Aksu M. İ.
MEAT SCIENCE, vol.86, no.2, pp.468-473, 2010 (SCI-Expanded)
- XXXV. **Effect of breed on fattening performance, slaughter and meat quality characteristics of Awassi and Morkaraman lambs**
Esenbuğa N., Macit M., Karaoglu M., Aksakal V., Aksu M. İ., Yörük M. A., Gül M.
LIVESTOCK SCIENCE, vol.123, pp.255-260, 2009 (SCI-Expanded)
- XXXVI. **Fatty Acid Composition of Beef Intermuscular, Sheep Tail, Beef Kidney Fats and Its Effects on Shelf Life and Quality Properties of Kavurma**
Aksu M. İ.
JOURNAL OF FOOD SCIENCE, vol.74, no.2, 2009 (SCI-Expanded)
- XXXVII. **Effect of Urtica dioica L. on the growth of Staphylococcus aureus in traditional dry fermented sausage ("sucuk")**
KABAN G., AKSU M. İ., KAYA M. D.
JOURNAL OF MUSCLE FOODS, vol.19, no.4, pp.399-409, 2008 (SCI-Expanded)
- XXXVIII. **Determination of biogenic amines in sucuk**
GENÇCELEP H., KABAN G., AKSU M. İ., ÖZ F., KAYA M.
Food Control, vol.19, no.9, pp.868-872, 2008 (SCI-Expanded)
- XXXIX. **Effects of dietary humate supplementation to broilers on performance, slaughter, carcass and meat colour**
Esenbuğa N., Macit M., Karaoglu M., Aksu M. İ., Bilgin Ö. C.
Journal of the Science of Food and Agriculture, vol.88, no.7, pp.1201-1207, 2008 (SCI-Expanded)
- XL. **Effect of Lactobacillus sakei and Staphylococcus xylosus on the inhibition of Escherichia coli O157 :**

H7 in pastirma, a dry-cured meat product

Aksu M. İ., Kaya M., Öz F.

JOURNAL OF FOOD SAFETY, vol.28, no.1, pp.47-58, 2008 (SCI-Expanded)

- XL1. **Effects of different raising systems on colour and quality characteristics of Turkish Pekin duck meats**
Lacin E., Aksu M. İ., Macit M., Yıldız A., Karaoğlu M. M., Esenbuğa N., Yoruk M. A.
SOUTH AFRICAN JOURNAL OF ANIMAL SCIENCE, vol.38, no.3, pp.217-223, 2008 (SCI-Expanded)
- XLII. **Behavior of Staphylococcus aureus in sucuk with nettle (Urtica dioica L.)**
KABAN G., Aksu M. İ., Kaya M.
JOURNAL OF FOOD SAFETY, vol.27, no.4, pp.400-410, 2007 (SCI-Expanded)
- XLIII. **Influence of dietary Sorghum (Sorghum vulgare) and corn supplemented with methionine on cut-up pieces weights of broiler carcass and quality properties of breast and drumsticks meat**
Aksu M. İ., Imik H., Karaoglu M.
FOOD SCIENCE AND TECHNOLOGY INTERNATIONAL, vol.13, no.5, pp.361-367, 2007 (SCI-Expanded)
- XLIV. **The effect of alpha-tocopherol, storage time and storage temperature on peroxide value, free fatty acids and pH of kavurma, a cooked meat product**
Aksu M. İ.
JOURNAL OF MUSCLE FOODS, vol.18, no.4, pp.370-379, 2007 (SCI-Expanded)
- XLV. **Effect of meat piece, packaging and storage on pH, thiobarbituric acid reactive substances and microbial counts in broilers fed diets supplemented with ram horn hydrolysate**
Aksu M. İ., Karaoglu M., Esenbuga N., Kaya M., Macit M.
FOOD SCIENCE AND TECHNOLOGY INTERNATIONAL, vol.12, pp.133-143, 2006 (SCI-Expanded)
- XLVI. **pH and colour characteristics of carcasses of broilers fed with dietary probiotics and slaughtered at different ages**
Karaoğlu M., Aksu M. İ., Esenbuğa N., Macit M., Durdağ H.
ASIAN-AUSTRALASIAN JOURNAL OF ANIMAL SCIENCES, vol.19, no.4, pp.605-610, 2006 (SCI-Expanded)
- XLVII. **Effect of modified atmosphere packaging, storage period, and storage temperature on the residual nitrate of sliced-pastirma, dry meat product, produced from fresh meat and frozen/thawed meat**
Aksu M. İ., Kaya M., Ockerman H.
FOOD CHEMISTRY, vol.93, no.2, pp.237-242, 2005 (SCI-Expanded)
- XLVIII. **The effect of alpha-tocopherol and butylated hydroxyanisole on the colour properties and lipid oxidation of kavurma, a cooked meat product**
Aksu M. İ., Kaya M.
MEAT SCIENCE, vol.71, no.2, pp.277-283, 2005 (SCI-Expanded)
- XLIX. **Effect of supplemental ram horn hydrolysate (RHH) at different levels on growth performance and slaughter traits of broilers**
Karaoğlu M., Macit M., Aksu M. İ., Kurbanoglu E. B., Esenbuğa N., Çelebi Ş.
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, vol.85, no.13, pp.2220-2226, 2005 (SCI-Expanded)
- L. **Effect of modified atmosphere and vacuum packaging on some quality characteristics of sliced 'sucuk' produced using probiotics culture**
Kaya M., Aksu M. İ.
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, vol.85, no.13, pp.2281-2288, 2005 (SCI-Expanded)
- LI. **Effect of a dietary probiotic on some quality characteristics of raw broiler drumsticks and breast meat**
Aksu M. İ., Karaoglu M., Esenbuga N., Kaya M., Macit M., Ockerman H.
JOURNAL OF MUSCLE FOODS, vol.16, pp.306-317, 2005 (SCI-Expanded)
- LII. **Effect of modified atmosphere packaging and temperature on the shelf life of sliced pastirma produced from frozen/thawed meat**
Aksu M. İ., Kaya M., Ockerman H.
JOURNAL OF MUSCLE FOODS, vol.16, no.3, pp.192-206, 2005 (SCI-Expanded)
- LIII. **Effect of dietary humate on the pH, TBARS and microbiological properties of vacuum- and aerobic-**

packed breast and drumstick meats of broilers

Aksu M. İ., Karaoglu M., Kaya M., Esenbuga N., Macit M.

JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, vol.85, pp.1485-1491, 2005 (SCI-Expanded)

- LIV. **Effects of vitamin E supplementation on myofibrillar proteins of fat-tailed awassi male lambs**
Aksu M. İ., Aktas N., Kaya M., Macit M.
JOURNAL OF MUSCLE FOODS, vol.16, no.3, pp.177-183, 2005 (SCI-Expanded)
- LV. **The effects of diets containing different levels of common vetch (*Vicia sativa*) seed on fattening performance, carcass and meat quality characteristics of Awassi male lambs**
Gül M., Yörük M. A., Macit M., Esenbuğa N., Karaoglu M., Aksakal V., Aksu M. İ.
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, vol.85, no.9, pp.1439-1443, 2005 (SCI-Expanded)
- LVI. **Effect of storage temperatures and time on shelf-life of sliced and modified atmosphere packaged pastirma, a dried meat product, produced from beef**
Aksu M. İ., Kaya M.
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, vol.85, no.8, pp.1305-1312, 2005 (SCI-Expanded)
- LVII. **Changes in myofibrillar proteins during processing of pastirma (Turkish dry meat product) produced with commercial starter cultures**
AKTAS N., AKSU M. İ., Kaya M.
FOOD CHEMISTRY, vol.90, no.4, pp.649-654, 2005 (SCI-Expanded)
- LVIII. **Effect of dietary ram horn hydrolysate (RHH) on the pH and color characteristics of carcasses, breast fillets and drumsticks of broilers**
Karaoglu M., Esenbuga N., Macit M., Aksu M. İ., Kaya M., Kurbanoglu E. B.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, vol.8, pp.423-438, 2005 (SCI-Expanded)
- LIX. **Effect of usage *Urtica dioica* L. on microbiological properties of sucuk, a Turkish dry-fermented sausage**
Aksu M. İ., Kaya M.
FOOD CONTROL, vol.15, no.8, pp.591-595, 2004 (SCI-Expanded)
- LX. **Effect of vitamin E supplementation on intra- and intermuscular fatty acid composition of Awassi lambs**
Aksu M. İ., Unsal M., Kaya M., Macit M.
JOURNAL OF MUSCLE FOODS, vol.15, no.3, pp.173-182, 2004 (SCI-Expanded)
- LXI. **Effect of dietary probiotic on the pH and colour characteristics of carcasses, breast fillets and drumsticks of broilers**
Karaoglu M., Aksu M. İ., Esenbuga N., Kaya M., Macit M., Durdag H.
ANIMAL SCIENCE, vol.78, pp.253-259, 2004 (SCI-Expanded)
- LXII. **Effect of vitamin E supplementation to the diet of Morkaraman lambs on intramuscular and intermuscular fatty acid composition**
UNSAL M., AKSU M. İ., Kaya M.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.28, no.3, pp.563-568, 2004 (SCI-Expanded)
- LXIII. **The effect of organic acid marination on tenderness, cooking loss and bound water content of beef**
AKTAS N., AKSU M. İ., Kaya M.
JOURNAL OF MUSCLE FOODS, vol.14, no.3, pp.181-194, 2003 (SCI-Expanded)
- LXIV. **Effects of vitamin E supplementation on fattening performance, non-carcass components and retail cut percentages, and meat quality traits of Awassi lambs**
Macit M., Aksakal V., Emsen E., Esenbuğa N., Aksu M. İ.
MEAT SCIENCE, vol.64, no.1, pp.1-6, 2003 (SCI-Expanded)
- LXV. **Morkaraman kuzu rasyonuna vitamin E ilavesinin myofibriler proteinler üzerine etkisi**
Aksu M. İ., Aktaş N., Kaya M.
Turkish Journal of Veterinary and Animal Sciences, vol.27, no.4, pp.987-990, 2003 (SCI-Expanded)
- LXVI. **The influence of marination with different salt concentrations on the tenderness, water holding capacity and bound water content of beef**
AKTAS N., AKSU M. İ., Kaya M.

- TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.27, no.5, pp.1207-1211, 2003 (SCI-Expanded)
- LXVII. **The effects of vitamin E supplementation on the myofibrillar protein of male Morkaraman lambs**
Aksu M. İ., Aktas N., Kaya M., Macit M.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.27, no.4, pp.987-990, 2003 (SCI-Expanded)
- LXVIII. **Effect of using *Urtica dioica* L. on the quality of Turkish Sucuk (Turkish style dry sausage)**
Aksu M. İ.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.27, no.3, pp.685-693, 2003 (SCI-Expanded)
- LXIX. **Effects of vitamin E supplementation on performance and meat quality traits of Morkaraman male lambs**
Macit M., Aksakal V., Emsen E., Aksu M. İ., Karaoglu M., Esenbuğa N.
MEAT SCIENCE, vol.63, no.1, pp.51-55, 2003 (SCI-Expanded)
- LXX. **Effect of commercial starter cultures on the myofibrillar proteins of pastirma, a Turkish dry meat product**
Aksu M. İ., Aktas N., Kaya M.
JOURNAL OF FOOD SCIENCE, vol.67, no.7, pp.2548-2551, 2002 (SCI-Expanded)
- LXXI. **Effect of commercial starter cultures on the fatty acid composition of pastirma (Turkish dry meat product)**
Aksu M. İ., Kaya M.
JOURNAL OF FOOD SCIENCE, vol.67, no.6, pp.2342-2345, 2002 (SCI-Expanded)
- LXXII. **The effect of different nitrite doses and starter culture on the growth of *Escherichia coli* O157 : H7 in sucuk (Turkish style dry sausage) processing**
OZ F., Kaya M., AKSU M. İ.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.26, no.3, pp.651-657, 2002 (SCI-Expanded)
- LXXIII. **Production of pastirma with different curing methods and using starter culture**
Aksu M. İ., Kaya M.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.26, no.4, pp.909-916, 2002 (SCI-Expanded)
- LXXIV. **The possibilities for the use of commercial starter cultures in pastirma production**
Aksu M. İ., Kaya M.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.26, no.4, pp.917-923, 2002 (SCI-Expanded)
- LXXV. **Some microbiological and chemical properties of pastirma produced using potassium nitrate and starter culture**
Aksu M. İ., Kaya M.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.26, no.1, pp.125-132, 2002 (SCI-Expanded)
- LXXVI. **Some microbiological, chemical and physical characteristics of pastirma marketed in Erzurum**
Aksu M. İ., Kaya M.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.25, no.3, pp.319-326, 2001 (SCI-Expanded)
- LXXVII. **The effect of starter culture use in pastirma production on the properties of end product**
Aksu M. İ., Kaya M.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.25, no.6, pp.847-854, 2001 (SCI-Expanded)

Articles Published in Other Journals

- I. **SIĞIR KIYMASININ BAZI KALİTE ÖZELLİKLERİ VE RAF ÖMRÜ ÜZERİNE *Trachystemon Orientalis* L. SU, METANOL VE PETROL ETER EKSTRAKTLARININ ETKİLERİ**
AKSU M. İ., DERMAN H.
GIDA, 2022 (Peer-Reviewed Journal)
- II. **The effect of mullein plant *verbascum* sp extract on quality characteristics of ground meat**
Aksu M. İ., Erdemir E., Çakıcı N., Güngör Ş., Alaylı Güngör A.
International Journal of Biotechnology and Bioengineering Research., vol.7, pp.107-118, 2016 (Peer-Reviewed Journal)

- III. **KARAOĞLU, M., AKSU, M. İ., ESENBUĞA, N., KAYA, A., MACİT, M. 2014. Carcass and commercial cuts yield in broilers of different ages fed diets supplemented with probiotics.**
Karaoğlu M., Aksu M. İ., Esenbuğa N., Kaya A., Macit M.
African Journal of Food Science and Technology, vol.5, no.2, pp.46-52, 2014 (Scopus)
- IV. **Farklı yerleşim sıklığı ve aydınlatma programlarının broyler etlerinde renk, pH ve TBARS değerleri üzerine etkisi**
Laçın E., Çoban Ö., Aksu M. İ., Sabuncuoğlu Çoban N., Daş H.
Atatürk University Journal of Veterinary Sciences, vol.8, no.3, pp.192-201, 2013 (Scopus)
- V. **Inhibition of Escherichia coli O157 H7 in Cemens with Different Garlic Levels**
Aksu M. İ., Kaya M., Öz F.
American Journal of Food Technology, vol.1, pp.59-65, 2006 (Peer-Reviewed Journal)
- VI. **The effect of vitamin E supplementation on fattening performance, slaughter, carcass and meat quality characteristics of Morkaraman lambs: II-Effect of vitamin E on meat quality traits**
Macit M., Aksakal V., Emsen E., Aksu M. İ.
ATATÜRK UNIVERSITY JOURNAL OF AGRICULTURAL FACULTY, vol.32, no.3, pp.267-276, 2001 (Peer-Reviewed Journal)
- VII. **Trabzonhurmasının Reçel ve Marmelat Üretiminde Kullanım İmkanları**
Aksu M. İ., Nas S.
TSE Standard Teknik Dergi, vol.40, pp.40-48, 1999 (Peer-Reviewed Journal)
- VIII. **Farklı Şartlarda Depolanan Trabzonhurmasının (08 TH 10 Seleksiyon Tipi) Özelliklerindeki Değişimler**
Nas S., Aksu M. İ.
Derim, vol.15, no.2, pp.83-88, 1998 (Peer-Reviewed Journal)
- IX. **The quality characteristics of marmalades produced at different sugar/pulp rations by using rose hips (Rosa ssp) pulp obtained by application of preheating during process**
Aksu M. İ., Özdemir F., Nas S.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.3, no.2, pp.243-248, 1997 (ESCI)
- X. **The quality characteristics of marmalades produced at different sugar/pulp rations by using rose hips (Rosa ssp) pulp obtained without heating**
Özdemir F., Aksu M. İ., Nas S.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.3, no.2, pp.353-358, 1997 (Peer-Reviewed Journal)
- XI. **Dut Pekmezi Üretim Tekniği ve Çeşitli Fiziksel ve Kimyasal Özellikleri**
AKSU M. İ., NAS S.
GIDA, vol.21, no.2, pp.83-88, 1996 (Peer-Reviewed Journal)
- XII. **Dut Pestili ve Keşi Üretim Tekniği ve Çeşitli Fiziksel ve Kimyasal Özellikleri**
Nas S., Aksu M. İ.
TSE STANDARD TEKNİK DERGİ, vol.34, no.40, pp.98-100, 1995 (Peer-Reviewed Journal)
- XIII. **Artvin Yusufeli Vadisinde Yetiştirilen Trabzonhurması Meyvelerinin Bazı Fiziksel ve Kimyasal Özellikleri**
Aksu M. İ., Nas S.
GIDA, vol.19, no.6, pp.367-371, 1994 (Peer-Reviewed Journal)

Books & Book Chapters

I. Kanatlı Etleri ve Ürünleri

AKSU M. İ., KAYA M.

in: Et ve Et Ürünlerinde Kalite Kontrolü, Merih Kıvanç, Editor, Anadolu Üniversitesi, Eskişehir, pp.78-106, 2010

Refereed Congress / Symposium Publications in Proceedings

- I. **ANTIMICROBIAL ACTIVITY OF RASPBERRY POWDER AND ITS EFFECTS ON THE MICROBIOLOGICAL PROPERTIES OF AEROBIC-PACKAGED GROUND BEEF (AHUDUDU TOZUNUN ANTİMİKROBİYAL AKTİVİTESİ VE AEROBİK AMBALAJLANMIŞ SIĞIR KIYMALARININ MİKROBİYOLOJİK ÖZELLİKLERİ ÜZERİNE ETKİSİ)**
AKSU M. İ., TURAN E., GÜLBANDILAR A., KONAR N., TAMTÜRK F.
9th INTERNATIONAL AEGEAN CONGRESSES February 23-25, 2024, İzmir, Turkey, 23 - 25 February 2024
- II. **PROPERTIES OF ENCAPSULATED RASPBERRY POWDER AND ITS EFFECTS ON THE COLOR STABILITY OF CHICKEN NUGGETS (ENKAPSÜLE AHUDUDU TOZUNUN ÖZELLİKLERİ VE TAVUK NUGGETLERİNİN RENK STABİLİTESİ ÜZERİNE ETKİSİ)**
AKSU M. İ., ARSLAN H.
9th INTERNATIONAL AEGEAN CONGRESSES February 23-25, 2024, İzmir, Turkey, 23 February 2024
- III. **Comparison of chemical, physicochemical, bioactive and functional properties of cemen (fenugreek seed) flours used in pastırma production (Pastırma üretiminde kullanılan çemen (buy otu tohumu) unlarının kimyasal, fizikokimyasal, biyoaktif ve fonksiyonel özelliklerinin karşılaştırılması)**
TURAN E., ŞİMŞEK A., AKSU M. İ.
Ege 10th International Conference on Applied Sciences, İzmir, Turkey, 22 - 24 December 2023, pp.1265-1274
- IV. **Hibiscus sabdariffa L. as a natural coloring and antioxidant agent in the production of pastırma cemen paste (Pastırma çemen macunu üretiminde doğal renklendirici ve antioksidan ajan olarak Hibiscus sabdariffa L.)**
TURAN E., AKSU M. İ.
Ege 10th International Conference on Applied Sciences, İzmir, Turkey, 22 - 24 December 2023, pp.242-243
- V. **Pastırmanın lipid ve protein oksidasyonu üzerine kırmızı lahanalı su ekstraktlı çemenlerin etkisi**
AKSU M. İ., ŞAT İ. G., ÖZ F., GÜRSES M., ERDEMİR E., TURAN E.
Türkiye 12. Gıda Kongresi, Edirne, Turkey, 5 - 07 October 2016, pp.605
- VI. **Microbiological Quality of Pastırma Covered with Cemen Paste Added to Lyophilized Water Extract of Red Cabbage**
AKSU M. İ., ŞAT İ. G., GÜRSES M., ÖZ F., ERDEMİR E., TURAN E.
I. Black Sea Association of Food Science and Technology Congress, 22 - 24 September 2016
- VII. **Pastırma Üretiminde KCl, CaCl₂ ve MgCl₂ Tuzlarının Kullanılabilirlik İmkanları**
KAYA M., AKSU M. İ., KABAN G., YALINKILIC B.
9. Gıda Mühendisleri Kongresi, İzmir, Turkey, 12 - 14 November 2015, pp.7
- VIII. **Effects of Partial Replacement of Sodium Chloride with KCl, MgCl₂ and CaCl₂ on Lipolysis and Lipid Oxidation in Sliced and Modified Atmosphere Packaged Pastırma**
KAYA M., AKSU M. İ., KABAN G., AKKÖSE A., YALINKILIC B.
The 3rd International Symposium on 'Traditional Foods from Adriatic to Caucasus', Sarajevo, Bosnia And Herzegovina, 1 - 04 October 2015, pp.169
- IX. **Az yağlı köftelerin bazı özellikleri üzerine ısırgan otu su ekstraktının etkisi**
ÖZ F., AKSU M. İ., YANAR M.
III. Geleneksel Gıdalar Sempozyumu, Konya, Turkey, 10 - 12 May 2012, pp.535
- X. **Morkaraman Toklu Rasyonlarına Farklı Düzeylerde İlave Edilen Kuşburnu Çekirdeğinin Et Kalitesi Özellikleri Üzerine Etkileri**
MACİT M., KARAOĞLU M., ESENBUĞA N., AKSU M. İ., AKSAKAL V.
7. Ulusal ZOotekni Bilim Kongresi, Adana, Turkey, 14 - 16 September 2011, pp.534-539
- XI. **The effects of different cooking methods on beef quality**
ÖZ F., AKSU M. İ., TURAN M.
Novel Approaches in Food Industry, International Food Congress, İzmir, Turkey, 26 - 29 May 2011, pp.748
- XII. **The effects of different cooking methods on beef quality**
ÖZ F., AKSU M. İ., TURAN M.

Novel Approaches in Food Industry, International Food Congress, İzmir, Turkey, 26 - 29 May 2011, pp.748

- XIII. **Doğu Anadolu Kırmızısı Tosunları Merada Farklı Biçimde Beslemenin Karkas Karakterleri ve Et Kalitesi Üzerine Etkisi.**
YÜKSEL S., YANAR M., AKSU M. İ., KOPUZLU S., SEZGİN E.
GAP VI. Tarım Kongresi, Şanlıurfa, Turkey, 9 - 12 May 2011, pp.412-418
- XIV. **Kekik (Thymus vulgaris L.)Kullanımının Sucuğun Kimyasal, Mikrobiyolojik Ve Duyusal Özellikleri Üzerine Etkisi**
ÖZ F., KAYA M., AKSU M. İ.
1. Et Ürünleri (Sucuk) Çalıştayı, Aydın, Turkey, 2 - 03 December 2010, pp.73
- XV. **Farklı Nitrit Dozları ve Starter Kültür Kullanımının Sucukta Escherichia coli O157:H7 nin Gelişimi Üzerine Etkilerinin Belirlenmesi**
ÖZ F., KAYA M., AKSU M. İ.
1. Et Ürünleri (Sucuk) Çalıştayı, Aydın, Turkey, 2 - 03 December 2010, pp.70
- XVI. **Piliçlerin Standart Parçalama Ürünleri Üzerine Değişik Düzeylerde Probiyotikle Besleme ve Farklı Yaşlarda Kesimin Etkileri.**
AKSU M. İ., Karaoğlu M., ESENBÜĞA N., MACİT M., KAYA M.
Türkiye 10. Gıda Kongresi, Erzurum, Turkey, 21 - 23 May 2008, pp.517
- XVII. **Piliçlerin Standart Parçalama Ürünleri Üzerine Değişik Düzeylerde Probiyotikle Besleme ve Farklı Yaşlarda Kesimin Etkileri.**
AKSU M. İ., Karaoğlu M., ESENBÜĞA N., MACİT M., KAYA M.
Türkiye 10. Gıda Kongresi, Erzurum, Turkey, 21 - 23 May 2008, pp.517
- XVIII. **The possible use of Thymus vulgaris L. in the production of sucuk.**
ÖZ F., KAYA M., AKSU M. İ., KABAN G.
2nd International Food and Nutrition Congress, İstanbul, Turkey, 24 - 26 October 2007, pp.231-232
- XIX. **Pastırmadan Katalaz Pozitif Kokların İzolasyonu ve İdentifikasyonu**
KABAN G., AKSU M. İ., KAYA M.
Türkiye 9.Gıda Kongresi, Bolu, Turkey, 24 - 26 May 2006, pp.481-484
- XX. **Sucuk Üretiminde Urtica dioica L.(Isırgan Otu) Kullanımının S.aureus Gelişimi Üzerine Etkisi**
KABAN G., AKSU M. İ., KAYA M.
Türkiye 9.Gıda Kongresi, Bolu, Turkey, 24 - 26 May 2006, pp.303-306
- XXI. **Broiler Göğüs ve Baget Etlerinin Bazı Kalite Özellikleri üzerine Rasyonda Probiyotik Kullanımının Etkileri**
AKSU M. İ., Karaoğlu M., KAYA M., ESENBÜĞA N., KURBANOĞLU E. B.
Türkiye 8. Gıda Kongresi, Bursa, Turkey, 26 - 28 May 2004, pp.78
- XXII. **Broiler Karkası İle Vakum ve Aerobik Ambalajlanmış Göğüs ve Baget Etlerinin Renk Özellikleri Üzerine Rasyonda Probiyotik Kullanımının Etkileri**
AKSU M. İ., Karaoğlu M., KAYA M., ESENBÜĞA N., KURBANOĞLU E. B.
Türkiye 8. Gıda Kongresi, Bursa, Turkey, 26 - 28 May 2004, pp.76
- XXIII. **Broiler Göğüs ve Baget Etlerinin Bazı Kalite Özellikleri üzerine Rasyonda Probiyotik Kullanımının Etkileri**
AKSU M. İ., Karaoğlu M., KAYA M., ESENBÜĞA N., KURBANOĞLU E. B.
Türkiye 8. Gıda Kongresi, Bursa, Turkey, 26 - 28 May 2004, pp.78
- XXIV. **Broiler Karkas,Göğüs ve bagetlerin L*,a* ve b* Değerleri Üzerine Rasyonda Koç Boynuz Hidrolizatı (Ram Horn Hydrolysate,RHH) Kullanımının Etkileri**
AKSU M. İ., Karaoğlu M., KAYA M., ESENBÜĞA N., KURBANOĞLU E. B.
Türkiye 8. Gıda Kongresi, Bursa, Turkey, 26 - 28 May 2004, pp.77
- XXV. **Probiyotik Bakterilerin Sucuk Üretiminde Kullanım İmkanları**
Öztürk Er H., KAYA M., AKSU M. İ.
13. Biyoteknoloji Kongresi, Çanakkale, Turkey, 25 - 29 August 2003, pp.50
- XXVI. **Modifiye Atmosferde Ambalajlamanın Dondurulmuş Çözündürülmüş Etlerden Üretilen Pastırmanın Mikrobiyolojik Özelliklerine Etkisi**

- KAYA M., AKSU M. İ.
13. Biyoteknoloji Kongresi, Çanakkale, Turkey, 25 - 29 August 2003, pp.18
- XXVII. **Türk Sucuğu Üretiminde Isırgan Otu (*Urtica Dioica* L.) Kullanımının Sucuğun Mikrobiyolojik Özelliklerine Etkisi**
AKSU M. İ., KAYA M.
Türkiye 7. Gıda Kongresi, Ankara, Turkey, 22 - 24 May 2002, pp.847
- XXVIII. **Türk Sucuğu Üretiminde Isırgan Otu (*Urtica Dioica* L.) Kullanımının Sucuğun Mikrobiyolojik Özelliklerine Etkisi**
AKSU M. İ., KAYA M.
Türkiye 7. Gıda Kongresi, Ankara, Turkey, 22 - 24 May 2002, pp.847
- XXIX. **Pastırma ve Çemende *Escherichia coli* O157:H7 nin İnhibisyonu Üzerine Araştırmalar**
AKSU M. İ., KAYA M., ÖZ F.
12. Biyoteknoloji Kongresi, Balıkesir, Turkey, 17 - 21 September 2001, pp.23-24
- XXX. **Farklı Oranlarda Sarımsak İçeren Çemenlerde *Escherichia coli* O157:H7'nin İnhibisyonu**
Aksu M. İ., Kaya M., Öz F.
12. Biyoteknoloji Kongresi, Balıkesir, Turkey, 17 - 21 September 2001, pp.93
- XXXI. **Dilimlenmiş ve Vakum Uygulanarak Ambalajlanmış Pastırmalarda *Listeria monocytogenes*'in Gelişme Durumu**
KAYA M., AKSU M. İ.
10. KÜKEM Kongresi, Mersin, Turkey, 25 - 27 September 1997, pp.3
- XXXII. **Sucuk Üretiminde Starter Kültür Kullanımının ve Farklı Nitrit Dozlarının *L. monocytogenes*'in Gelişimi Üzerine Etkileri**
KAYA M., Gökçalp H. Y., AKSU M. İ.
Et ve Et Ürünleri Sempozyumu, İstanbul, Turkey, 17 - 18 October 1996, pp.65-72
- XXXIII. **Parça Halinde İşlenen Kür Edilmiş Çiğ Et Ürünleri**
KAYA M., AKSU M. İ., Gökçalp H. Y.
Et ve Et Ürünleri Sempozyumu, İstanbul, Turkey, 17 - 18 October 1996, pp.26-34
- XXXIV. **Sucuk Üretiminde Starter Kültür Kullanımının ve Farklı Nitrit Dozlarının *L. monocytogenes*'in Gelişimi Üzerine Etkileri**
KAYA M., Gökçalp H. Y., AKSU M. İ.
Et ve Et Ürünleri Sempozyumu, İstanbul, Turkey, 17 - 18 October 1996, pp.65-72

Supported Projects

Karaduman Y., Aksu M. İ., Konar N., Atalar İ., Olgun M., Development Agency, TR-41 Bölgesinde Buğdayın Teknolojik Kalitesinin İyileştirilmesi ve Buğday Kalite Haritalarının Oluşturulması, 2022 - 2024

Aksu M. İ., Project Supported by Higher Education Institutions, ENKAPSÜLE BİTKİSEL EKSTRAKTLARIN NUGGET KALİTESİ VE RAF ÖMRÜ ÜZERİNE ETKİLERİ, 2022 - 2023

Aksu M. İ., Konar N., Project Supported by Higher Education Institutions, Farklı pH ve ahududu ekstrakt seviyelerinin pastırma çemeni kalitesi üzerine etkilerinin belirlenmesi , 2020 - 2021

Aksu M. İ., Project Supported by Higher Education Institutions, SIĞIR KIYMASININ ÇEŞİTLİ KALİTE ÖZELLİKLERİ VE RAF ÖMRÜ ÜZERİNE AHUDUDU EKSTRAKTININ ETKİSİ, 2020 - 2021

AKSU M. İ., Project Supported by Higher Education Institutions, FARKLI ORANLARDA POTASYUM LAKTAT VE SODYUM KLORÜR İLE KÜRLENEN ETLERDEN ÜRETİLEN PASTIRMALARIN KALİTE ÖZELLİKLERİNİN BELİRLENMESİ, 2014 - 2016

Aksu M. İ., TUBİTAK Project, Farklı meyve ve sebze su ekstraktları ile üretilen çemenlerin pastırma kalitesi üzerine etkisi, 2014 - 2016

AKSU M. İ., Project Supported by Higher Education Institutions, SIĞIR ETLERİNİN FOSFOLİPİD KOMPOZİSYONU ÜZERİNE FARKLI PİŞİRME YÖNTEMLERİNİN ETKİSİ, 2014 - 2015

AKSU M. İ., Project Supported by Higher Education Institutions, PASTIRMA ÜRETİM AŞAMALARINDA FOSFOLİPİD VE FOSFOLİPİDLERİN YAĞ ASİDİ KOMPOZİSYONUNDAKİ DEĞİŞİMLERİN BELİRLENMESİ, 2013 - 2014

AKSU M. İ., Project Supported by Higher Education Institutions, SIĞIR BİFTEKLERİNİN RAF ÖMRÜ ÜZERİNE URTİCA DİOİCA L. SU EKSTRAKTININ ETKİSİ, 2013 - 2014

AKSU M. İ., Project Supported by Higher Education Institutions, PASTIRMA ÜRETİMİNDE LAKTAT KULLANIMININ ÜRÜN KALİTE ÖZELLİKLERİ VE RAF ÖMRÜNE ETKİSİ, 2012 - 2014

AKSU M. İ., Project Supported by Higher Education Institutions, TASARIM VE PLANLAMA AR-GE, SÜREKLİ EĞİTİM VE DANIŞMANLIK MERKEZİ ETÜD PROJESİ., 2011 - 2012

AKSU M. İ., Project Supported by Higher Education Institutions, PASTIRMA ÜRETİMİNDE NİTRİT KULLANIMININ SERBEST AMİNO ASİT KOMPOZİSYONU ÜZERİNE ETKİSİ, 2011 - 2012

AKSU M. İ., Project Supported by Higher Education Institutions, SIRT, BOHÇA ŞEKERPAZE VE KUŞGÖMÜ PASTIRMA ÇEŞİTLERİNİN KALİTE ÖZELLİKLERİ, 2011 - 2012

Activities in Scientific Journals

FRONTIERS IN MICROBIOLOGY, Committee Member, 2021 - Continues

Journal of Food Technology , Committee Member, 2006 - Continues

Asian Journal of Poultry Science, Committee Member, 2007 - 2017

RESEARCH JOURNAL OF MICROBIOLOGY, Committee Member, 2007 - 2017

ATATÜRK UNIVERSITY JOURNAL OF AGRICULTURAL FACULTY, Publication Committee Member, 2010 - 2016

American Journal of Food Technology, Committee Member, 2006 - 2016

JOURNAL OF MUSCLE FOODS, Assistant Editor/Section Editor, 2008 - 2010

JOURNAL OF MUSCLE FOODS, Committee Member, 2007 - 2010

Memberships / Tasks in Scientific Organizations

TMMOB Ziraat Mühendisleri Odası Erzurum Şubesi, Member, 1995 - Continues, Turkey

Scientific Refereeing

JOURNAL OF FOOD ENGINEERING, SCI Journal, May 2024

JOURNAL OF FOOD ENGINEERING, Journal Indexed in SCI-E, April 2024

International Food Innovation and Sustainability Congress (IFIS_2024), Conference Paper (Abstract), April 2024

SCIENTIFIC REPORTS, Journal Indexed in SCI-E, April 2024

FOOD SCIENCE AND TECHNOLOGY INTERNATIONAL, Journal Indexed in SCI-E, April 2024

International Food Innovation and Sustainability Congress (IFIS_2024), Conference Paper (Abstract), April 2024

JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, March 2024

CYTA - JOURNAL OF FOOD, Journal Indexed in SCI-E, March 2024

Chemistry, Journal Indexed in ESCI, March 2024

SCIENTIFIC REPORTS, Journal Indexed in SCI-E, March 2024

FOOD SCIENCE & NUTRITION, Journal Indexed in SCI-E, March 2024

JOURNAL OF FOOD ENGINEERING, SCI Journal, March 2024

JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, SCI Journal, February 2024

FOOD SCIENCE AND TECHNOLOGY INTERNATIONAL, Journal Indexed in SCI-E, February 2024

Animals, SCI Journal, February 2024

LWT - FOOD SCIENCE AND TECHNOLOGY, SCI Journal, January 2024

International Food Innovation and Sustainability Congress (IFIS_2024), Conference Paper (Full Text), January 2024

FOODS, SCI Journal, January 2024

EUROPEAN FOOD RESEARCH AND TECHNOLOGY, Journal Indexed in SCI-E, January 2024

FOOD AND BIOPRODUCTS PROCESSING: TRANSACTIONS OF THE INSTITUTION OF OF CHEMICAL ENGINEERS, PART C,

Journal Indexed in SCI-E, January 2024
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, January 2024
FOOD TECHNOLOGY AND BIOTECHNOLOGY, Journal Indexed in SCI-E, January 2024
JOURNAL OF CLEANER PRODUCTION, SCI Journal, December 2023
MEAT SCIENCE, SCI Journal, December 2023
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, November 2023
PACKAGING TECHNOLOGY AND SCIENCE, Journal Indexed in SCI-E, November 2023
FOOD SCIENCE & NUTRITION, Journal Indexed in SCI-E, November 2023
FOOD SCIENCE AND TECHNOLOGY INTERNATIONAL, Journal Indexed in SCI-E, November 2023
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, Journal Indexed in SCI-E, November 2023
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, November 2023
FOODS, SCI Journal, November 2023
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, SCI Journal, October 2023
FOOD SCIENCE AND TECHNOLOGY INTERNATIONAL, SCI Journal, October 2023
Bioengineering, Journal Indexed in SCI-E, October 2023
TÜBİTAK International Bilateral Joint Cooperation Program Project, TÜBİTAK – MoESTD (Serbia) Joint Cooperation Program, TÜBİTAK, Turkey, October 2023
Project Supported by Higher Education Institutions, BAP MSc, Eskisehir Osmangazi University, Turkey, October 2023
TÜBİTAK International Bilateral Joint Cooperation Program Project, TÜBİTAK – MoESTD (Serbia) Joint Cooperation Program, TÜBİTAK, Turkey, October 2023
TÜBİTAK International Bilateral Joint Cooperation Program Project, TÜBİTAK – MoESTD (Serbia) Joint Cooperation Program, TÜBİTAK, Turkey, October 2023
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, SCI Journal, September 2023
NFS Journal, SCI Journal, September 2023
FOODS, SCI Journal, September 2023
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, SCI Journal, June 2023
FRONTIERS IN MICROBIOLOGY, Journal Indexed in SCI-E, June 2023
FOODS, SCI Journal, June 2023
JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, June 2023
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, June 2023
PLOS ONE, Journal Indexed in SCI-E, May 2023
JOURNAL OF FOOD ENGINEERING, SCI Journal, May 2023
FOODS, SCI Journal, May 2023
SUSTAINABILITY, Journal Indexed in SCI-E, May 2023
JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, April 2023
FOODS, SCI Journal, April 2023
JOURNAL OF FOOD QUALITY, SCI Journal, March 2023
JOURNAL OF FOOD ENGINEERING, SCI Journal, March 2023
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, SCI Journal, March 2023
FOODS, SCI Journal, March 2023
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, February 2023
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, February 2023
CYTA - JOURNAL OF FOOD, Journal Indexed in SCI-E, February 2023
Black Sea Journal of Agriculture, National Scientific Refreed Journal, February 2023
FOODS, SCI Journal, January 2023
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Journal Indexed in SCI-E, December 2022
JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, December 2022
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, November 2022
FOODS, SCI Journal, November 2022
JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, October 2022
FOODS, SCI Journal, October 2022

JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, SCI Journal, October 2022
FOOD CHEMISTRY, SCI Journal, October 2022
FOODS, SCI Journal, September 2022
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, September 2022
JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, September 2022
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, Journal Indexed in SCI-E, September 2022
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, September 2022
Food and Health, National Scientific Refreed Journal, September 2022
JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, June 2022
SUSTAINABILITY, SCI Journal, June 2022
FRONTIERS IN MICROBIOLOGY, SCI Journal, June 2022
FOOD CHEMISTRY, SCI Journal, May 2022
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, May 2022
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, May 2022
MOLECULES, SCI Journal, May 2022
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Journal Indexed in SCI-E, May 2022
JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, April 2022
JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, April 2022
Applied food research, Journal Indexed in ESCI, March 2022
applied food research, Journal Indexed in ESCI, February 2022
FRONTIERS IN MICROBIOLOGY, SCI Journal, February 2022
FRONTIERS IN NUTRITION, SCI Journal, January 2022
JOURNAL OF AGRICULTURAL SCIENCES, Other journals, December 2021
JOURNAL OF FOOD ENGINEERING, SCI Journal, November 2021
FOOD SCIENCE AND TECHNOLOGY INTERNATIONAL, Journal Indexed in SCI-E, November 2021
JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, November 2021
FRONTIERS IN MICROBIOLOGY, Journal Indexed in SCI-E, November 2021
JOURNAL OF FOOD ENGINEERING, SCI Journal, October 2021
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, SCI Journal, October 2021
JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, October 2021
JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, August 2021
JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, August 2021
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, SCI Journal, August 2021
JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, June 2021
ANIMAL SCIENCE JOURNAL, SCI Journal, June 2021
JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, May 2021
JOURNAL OF FOOD ENGINEERING, SCI Journal, May 2021
JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, May 2021
JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, April 2021
JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, March 2021
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, SCI Journal, March 2021
TUBITAK Project, 1505 - University-Industry Cooperation Support Program, Eskisehir Osmangazi University, Turkey, March 2021
International Journal of Food Science, Other Indexed Journal, February 2021
JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, January 2021
JOURNAL OF FOOD ENGINEERING, SCI Journal, January 2021
JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, December 2020
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, SCI Journal, November 2020
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, SCI Journal, November 2020
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, SCI Journal, November 2020
JOURNAL OF FOOD ENGINEERING, SCI Journal, November 2020

Tasks In Event Organizations

Aksu M. İ., INTERNATIONAL FOOD INNOVATION AND SUSTAINABILITY CONGRESS, Scientific Congress, İstanbul, Turkey, Mayıs 2024

Aksu M. İ., 7th International Conference on Engineering Science, Scientific Congress, Ankara, Turkey, Şubat 2024

Aksu M. İ., TÜRKİYE 10.GIDA KONGRESİ, Scientific Congress, Erzurum, Turkey, Mayıs 2008

Metrics

Publication: 126

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H-Index (Scopus): 22

Congress and Symposium Activities

9th INTERNATIONAL AEGEAN CONGRESSES, Attendee, İzmir, Turkey, 2024

2nd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2020) , Attendee, Gaziantep, Turkey, 2020

Türkiye 12.Gıda Kongresi, Attendee, Edirne, Turkey, 2016

1st Black Sea Association of Food Science and Technology, B-FoST Congress, Attendee, Ohrid, Macedonia, 2016

1. Uluslararası Turizm ve Gıda Güvenliği Kongresi, Attendee, Antalya, Turkey, 2016

The 3rd International Symposium on Traditional Foods from Adriatic to Caucasus, Attendee, Sarajevo, Bosnia And Herzegovina, 2015

Pamukkale Gıda Sempozyumu-III, Kurutulmuş ve Yarı Kurutulmuş Gıdalar, Session Moderator, Denizli, Turkey, 2015

5. Food Safety Congress, Attendee, İstanbul, Turkey, 2015

International VETİstanbul Group Congress 2015, Working Group, Sankt-Peterburg, Russia, 2015

2nd International Congress on Food Technology, Attendee, İzmir, Turkey, 2014

The 2nd International Symposium on "Traditional Foods from Adriatic to Caucasus, Attendee, Struga, Macedonia, 2013

59th ICoMIST International Congress of Meat Science and Technology, Attendee, İzmir, Turkey, 2013

I. International Scientific Conference on Young Researchers, Attendee, Baku, Azerbaijan, 2013

Uluslararası Türk ve Akraba Toplulukları Zootekni Kongresi, Working Group, Isparta, Turkey, 2012

1st International Poultry Meat Congress, Attendee, İzmir, Turkey, 2011

International Food Congress, Working Group, İzmir, Turkey, 2011

Traditional Foods From Adriatic to Caucasus (1. Uluslararası Adriyatik'ten Kafkaslara Geleneksel Gıdalar Sempozyumu), Attendee, Tekirdağ, Turkey, 2010

International Rural Development Symposium'09, Attendee, Erzurum, Turkey, 2009

3rd International Congress on Food and Nutrition, Attendee, Antalya, Turkey, 2009

2nd International Congress on Food and Nutrition, Attendee, İstanbul, Turkey, 2007

2nd International Congress on Food and Nutrition, Attendee, İstanbul, Turkey, 2007

Türkiye 8. Gıda Kongresi, Attendee, Bolu, Turkey, 2006

Non Academic Experience

Ohio State University, USA