

Prof. Muhammet ARICI

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAO-8630-2020

ScopusID: 7004571996

Yoksis Researcher ID: 1696

Education Information

Doctorate, Universitaet Fridericana zu Karlsruhe, Biologie, Chemie und Verfahrenstechnik, Biology, Germany 1993 - 1997

Postgraduate, Trakya University, Faculty of Agriculture, Food Science and Technology (Food Engineering), Turkey 1986 - 1988

Undergraduate, Ataturk University, Ziraat Fakultesi, Gıda Mühendisliği, Turkey 1980 - 1984

Foreign Languages

English, B1 Intermediate

German, B2 Upper Intermediate

Dissertations

Doctorate, Untersuchungen zum fermentativen Abbau von Patulin mit ausgewählten Milchsäurebakterien aus südeuropäischen fermentierten Lebensmitteln, Universitad Karlsruhe, Biologie, Chemie und Verfahrenstechnik, Biyology, 1997

Postgraduate, A research on the physical, chemical and microbiological properties of halloumi cheese, Trakya University, Ziraat Fakultesi, Gıda Bilimi Ve Teknolojisi (Gıda Mühendisliği), 1988

Research Areas

Food Engineering, Food Science, Food Microbiology, Food Toxicology, Food Hygiene and Sanitation, Food Technology, Food Biotechnology, Sugars, Syrups, Starches and Candy, Engineering and Technology

Academic Titles / Tasks

Professor, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Food

Engineering, 2012 - Continues

Professor, Tekirdağ Namık Kemal University, Faculty Of Agriculture, 2007 - 2012

Associate Professor, Tekirdağ Namık Kemal University, Faculty Of Agriculture, 2006 - 2007

Associate Professor, Trakya University, Tekirdağ Ziraat Fakültesi, Gıda Mühendisliği Bölümü, 2002 - 2006

Assistant Professor, Trakya University, Tekirdağ Ziraat Fakültesi, Gıda Mühendisliği Bölümü, 1998 - 2002

Research Assistant, Trakya University, Tekirdağ Ziraat Fakültesi, Gıda Mühendisliği Bölümü, 1988 - 1998

Academic and Administrative Experience

Yıldız Teknik Üniversitesi, Kimya Metalürji Fakültesi, Gıda Mühendisliği, 2017 - Continues

Yıldız Teknik Üniversitesi, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, 2014 - 2016

Yıldız Teknik Üniversitesi, FACULTY OF CHEMICAL AND METALLURGICAL ENGINEERING, Gıda Mühendisliği Bölümü, 2012 - 2015

Courses

Nutrition, Undergraduate, 2017 - 2018, 2016 - 2017

Fermentation Technology, Undergraduate, 2017 - 2018

Bee products, Doctorate, 2017 - 2018, 2016 - 2017

Food Microbiology, Undergraduate, 2017 - 2018

Advanced Food Microbiology, Doctorate, 2017 - 2018

Principles of Food and Nutrition, Postgraduate, 2017 - 2018

Food Microbiology, Undergraduate, 2016 - 2017

Food Toxicology, Postgraduate, 2016 - 2017

Advising Theses

Arıcı M., Farklı Kaynaklardan Bacillus ssp. İzolasyonu, Probiyotik Karakterizasyonu ve Fonksiyonel Jelly Şekerleme Üretiminde Kullanımı, Doctorate, B.KAHRAMAN(Student), 2024

Arıcı M., Olgunlaşmamış siyez buğdayının fizikokimyasal, besinsel ve prebiyotik özelliklerinin belirlenmesi, Doctorate, M.FATİH(Student), 2023

Arıcı M., MEŞE PALAMUDUNUN FONKSİYONEL ÖZELLİKLERİNİN BELİRLENMESİ, Doctorate, M.YUSUF(Student), 2023

Arıcı M., Dertli E., Peynirlerde Geç Şişme Etmeni Clostridium Türlerinin Koruyucu Laktik Asit Bakterileri ile Engellenmesi, Doctorate, F.NUR(Student), 2022

Arıcı M., HARDALİYE BİYOAKTİF BİLEŞİKLERİNİN POTANSİYEL BİYOLOJİK ETKİLERİNE in vitro METABOLOMİK YAKLAŞIMLAR, Doctorate, A.SEMRA(Student), 2022

Arıcı M., Kolajen Kullanımıyla Yumuşak Şekerleme Üretimi, Postgraduate, F.TAZEOĞLU(Student), 2022

Arıcı M., Probiyotik Bacillus Türlerinin Bazı Gıda Patojenleri Üzerine Antimikrobiyal Etkisinin in vitro İncelenmesi, Postgraduate, B.MİNE(Student), 2022

Arıcı M., Effect on sourdough Fermentation on Bioactive Compounds, Mineral and Protein Bioaccessibility, Doctorate, H.DEMİRKESEN(Student), 2021

Arıcı M., Çimlendirilmiş Tohum Filizi Unlarının Ekşi Hamurlu Ekmek Yapımında Kullanılması, Postgraduate, N.EZGİ(Student), 2021

Yücel S., ARICI M., Magnezyum Silika Aerojel Üretimi, Karakterizasyonu ve Berrak Üzüm Suyu Üretiminde Durultma Performansının İncelenmesi, Doctorate, İ.TURHAN(Student), 2020

Karasu S., Arıcı M., Propolis Extraction and Characterization with Different Solvents, Doctorate, Z.Bakkaloğlu(Student), 2020

Arıcı M., Durak M. Z., ISOLATION AND CHARACTERIZATION OF LACTIC ACID BACTERIA AND YEAST FROM EASTERN

- WHEAT AND HULL BARLEY SOURDOUGHS, Doctorate, E.ÇAKIR(Student), 2020
- Arıcı M., Farklı çözücü ve yöntemler kullanılarak elde edilen propolis ekstraktlarının karakterizasyonu, Doctorate, Z.BAKKALOĞLU(Student), 2020
- Arıcı M., Ekşi hamurdan izole edilen laktik asit bakterileri ve mayaların fitaz aktivitelerinin belirlenmesi, Doctorate, R.METİN(Student), 2020
- Arıcı M., Acrylamide Content in Turkish Coffee and the Effect of Asparaginase Enzyme on Acrylamide Formation and Volatile Compounds Profile, Doctorate, B.Akgün(Student), 2019
- Arıcı M., Determination of Viscoelastic Properties of Sourdough in Non-Linear Region, Doctorate, Ç.Yıldırım(Student), 2019
- Arıcı M., Isolation of Yeast from Sourdough and Determination of Technological Properties, Postgraduate, D.Yılmaz(Student), 2019
- Arıcı M., Yılmaz M. T., MANUFACTURING, CHARACTERIZATION AND USAGE OF THIMOL-LOADED NANOLIF FILM AS AN ANTIFUNGAL COATING MATERIAL ON THE SURFACE OF CHEESE CHEESE, Doctorate, N.Berna(Student), 2019
- Arıcı M., The Relation of Ancient Wheat Species to Human Health, Postgraduate, T.Şenoğull(Student), 2019
- Arıcı M., Türk kahvesinin akrilamid içeriği ile asparaginaz enziminin akrilamid oluşumu ve uçucu bileşikler profiline etkileri, Doctorate, B.AKGÜN(Student), 2019
- Arıcı M., Ekşi hamurun doğrusal olmayan bölgedeki viskoelastik özelliklerinin belirlenmesi, Doctorate, Ç.YILDIRIM(Student), 2019
- Arıcı M., Kek üretiminde ekşi hamur kullanımı, Postgraduate, F.GÜL(Student), 2019
- Arıcı M., MOLECULAR IDENTIFICATION AND CHARACTERIZATION OF MOULDS ISOLATED FROM MOULDY CHEESES, Postgraduate, H.Ebrar(Student), 2018
- Sağdıç O., Arıcı M., Development of a new method based on FTIR spectroscopy for the detection of gelatin added to confectionery products, Doctorate, N.Çebi(Student), 2018
- Sağdıç O., ARICI M., Helal gıda kapsamında yumuşak şekerlemelerde jelatin kökeninin tespitinde spektroskopik ve kromatografik yöntemlerin geliştirilmesi ve metot validasyonu, Doctorate, N.ÇEBİ(Student), 2018
- Arıcı M., Aspir taç yapraklarından doğal gıda boyası eldesi, Postgraduate, M.PAMİR(Student), 2018
- Arıcı M., Use of Chickpea Flour Added Sourdough in Making Frozen Bread, Doctorate, G.Özükü(Student), 2017
- Arıcı M., Determination of structural, physicochemical and gelling properties of taro starch, Postgraduate, B.Yaşar(Student), 2017
- Arıcı M., The effect of ultrasound application on the shelf life and quality properties of Salgam beverage in continuous systems., Postgraduate, M.Ümit(Student), 2017
- Arıcı M., Determination of bioactive and aromatic properties of different loquat cultivars, Postgraduate, M.Fatih(Student), 2016
- Arıcı M., The effect of hot water immersion on the shelf life and quality of carrots, Postgraduate, B.Atı(Student), 2016
- Arıcı M., Use of taro (Colocasia esculenta (L.) Schott) tuber in bread making for celiac patients, Postgraduate, C.Akgül(Student), 2016
- Arıcı M., Evaluation possibilities of almond skin in bakery products, Postgraduate, M.Sardoğan(Student), 2016
- Arıcı M., Çölyak Hastaları İçin Ekmek Yapımında Gölevez (Colocassia esculenta L. Schott) Yumrusunun Kullanımı, Postgraduate, C.Akgül(Student), 2016
- Öksüz Ö., Arıcı M., Bazı esansiyel yağlarla antifungal yenilebilir zein filmi geliştirilmesi ve kase margarine uygulanması, Doctorate, Ç.Mecitoğlu(Student), 2014
- Arıcı M., Bebeklerden izole edilen lactobacillus spp.'nin fonksiyonel özelliklerinin belirlenmesi, Doctorate, N.TOKATLI(Student), 2014
- Arıcı M., Determination of functional properties of Lactobacillus spp. isolated from infants, Doctorate, N.Tokathı(Student), 2014
- Arıcı M., Aroma karışımı ve ksilozun farklı reçetelerle üretilen bisküvilerde aroma ve akrilamid oluşumuna etkileri, Doctorate, T.Yakıcı(Student), 2012
- Arıcı M., Inhibition of Killer Yeasts and Williopsis saturnus var. saturnus by Spoiling Yeasts Isolated from Cheese (in vitro), Postgraduate, Ç.Türkay(Student), 2012
- Arıcı M., Farklı reçetelerle üretilen bisküvilerde aroma ve akrilamid oluşumu, Doctorate, T.YAKICI(Student), 2012
- Arıcı M., Katıl maya Lindnera saturnus'un bozucu mayalara etkisi, Postgraduate, Ç.TÜRKAY(Student), 2012

- Arıcı M., Determination of composition, rheological properties, antioxidant and antimicrobial activities of homemade juniper molasses samples, Postgraduate, N.İzgi(Student), 2011
- Arıcı M., Ev yapımı andız pekmezinin bileşimi, reolojik özellikleri, antioksidan ve antimikrobiyal aktivitelerinin belirlenmesi, Postgraduate, N.İZGİ(Student), 2011
- Arıcı M., Hazır yemek işletmesinde gıda güvenliği, çevre ve iş sağlığı ve güvenliği entegre yönetim sistemleri, Postgraduate, O.ALTAŞ(Student), 2010
- Arıcı M., Production of xanthan gum from rice bran using Xanthomonas campestris, Doctorate, A.Şükrü(Student), 2010
- Arıcı M., Problems and solutions in the catering industry, Postgraduate, Y.Eröztoprak(Student), 2010
- Arıcı M., Integrated management systems of quality, food safety, environment and occupational health and safety in the catering operations, Postgraduate, O.Altaş(Student), 2010
- Arıcı M., Gümüş T., The effects of Lactobacillus plantarum and some plant extracts on aflatoxigenic mold growth and aflatoxin formation in table black olives, Doctorate, Ş.Yıldırım(Student), 2009
- Arıcı M., Determination of composition, some microbiological properties and presence of Enterobacter sakazakii of baby foods produced in different formulations., Postgraduate, N.Tokathlı(Student), 2009
- Arıcı M., Determination of some properties of Sürk cheese and identification of isolated lactic acid bacteria by PCR method, Postgraduate, G.Çelikyurt(Student), 2008
- Arıcı M., Determination of some water-soluble synthetic dyes added to foods, Postgraduate, M.Dinç(Student), 2007
- Arıcı M., Yoğurt üretiminde HACCP sisteminin kurulması, Postgraduate, Y.OKÇU(Student), 2007
- Arıcı M., Application of HACCP system in yoghurt and ayran production, Postgraduate, Y.Okçu(Student), 2007
- Arıcı M., The effect of temperature, pH and storage time on aspartame stability in orange flavored beverages, Postgraduate, T.Yakıcı(Student), 2006
- Arıcı M., Effect of irradiation on some physicochemical, microbiological properties and fatty acid composition of black cumin (*Nigella sativa L.*), Postgraduate, F.Arslan(Student), 2006
- Arıcı M., Presence of Ochratoxin A in Turkish Coffee samples, Postgraduate, R.Metin(Student), 2006
- Arıcı M., Determination of Ochratoxin A Presence and Some Quality Characteristics in Table Wines Produced in Thrace Region, Postgraduate, D.Azabağaoğlu(Student), 2006
- Arıcı M., Presence and Identification of High Temperature Resistant Molds in Margarine, Postgraduate, A.Şükrü(Student), 2005
- Arıcı M., The presence of total fumonisin in maize and maize products and the effect of FB1 on lactic acid bacteria isolated from infant faeces, Doctorate, S.Özçakmak(Student), 2003
- Arıcı M., Determination of effective Lactobacillus in Hardaliye production and fermentation, Doctorate, F.Coşkun(Student), 2001
- Arıcı M., Hardaliye üretim teknolojisi üzerinde bir araştırma, Doctorate, F.ÇOŞKUN(Student), 2001
- Arıcı M., Kahvaltılık margarinlerin bazı fiziksel, kimyasal mikrobiyolojik özelliklerinin incelenmesi üzerine bir araştırma, Postgraduate, S.ÖZSOY(Student), 2001
- Arıcı M., A research on the hygienic condition and shelf life of packaged fresh vegetables, Postgraduate, S.Yılmaz(Student), 2001
- Arıcı M., A research on the determination of some physical, chemical and microbiological properties of breakfast margarines offered to the market in different seasons, Postgraduate, S.Özsoy(Student), 2001
- Arıcı M., A study on the presence of *Vibrio parahaemolyticus* in mussels sold in Samsun, Postgraduate, S.Özçakmak(Student), 1999

Jury Memberships

- Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, October, 2017
- Post Graduate, Tez Savunma Jürisi, Namık Kemal Üniversitesi, August, 2017
- Post Graduate, Tez Savunma Jürisi, Sakarya Üniversitesi, August, 2017
- Doctoral Examination, Yeterlik Jürisi, Ondokuz Mayıs Üniversitesi, July, 2017
- Post Graduate, Tez Savunma Jürisi, Yıldız Teknik Üniversitesi, April, 2017
- Post Graduate, Tez Savunma Jürisi, Yıldız Teknik Üniversitesi, April, 2017

Post Graduate, Tez Savunma Jürisi, Yıldız Teknik Üniversitesi, April, 2017
Doctoral Examination, Yeterlik Jürisi, Yıldız Teknik Üniversitesi, April, 2017
Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, March, 2017
Doctoral Examination, Yeterlik Jürisi, Ondokuz Mayıs Üniversitesi, November, 2016
Post Graduate, Tez Savunma Jürisi, Namık Kemal Üniversitesi, September, 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effect of the High Hydrostatic Pressure Process on the Microbial and Physicochemical Quality of Shalgam**
ÖZTÜRK E., ALPAS H., ARICI M.
ACS Omega, vol.9, no.9, pp.10400-10414, 2024 (SCI-Expanded)
- II. **Effect of extraction temperature of taro mucilage on physicochemical and rheological properties**
Arıcı M., Şenol B. M., Öztürk E., Özmen D., Toker Ö. S.
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.18, pp.1-9, 2024 (SCI-Expanded)
- III. **A rapid spectroscopic method for the identification of the filamentous fungi isolated from Turkish traditional mold-ripened cheeses**
Kirtul H. E., Çebi N., Metin Yıldırım R., Metin B., Arıcı M.
JOURNAL OF MICROBIOLOGICAL METHODS, vol.216, pp.1-7, 2024 (SCI-Expanded)
- IV. **Multilocus sequence typing of *L. bulgaricus* and *S. thermophilus* strains from Turkish traditional yoghurts and characterisation of their techno-functional roles**
Dikmen H., Goktas H., Demirbas F., Kayacan Çakmakoglu S., Ispirli H., Arıcı M., Turker M., Sağıdıç O., Dertli E.
Food Science and Biotechnology, vol.33, no.3, pp.625-635, 2024 (SCI-Expanded)
- V. **Effect of the High Hydrostatic Pressure Process on the Microbial and Physicochemical Quality of Shalgam**
Öztürk E., Alpas H., Arıcı M.
ACS OMEGA, vol.9, pp.1-15, 2024 (SCI-Expanded)
- VI. **Microwave-modified xanthan gum: Alterations in steadyand dynamic rheological behaviors**
Kurt A., Öztürk E., Özmen D., Yıldırım Yalçın M., Arıcı M., Toker Ö. S.
JOURNAL OF FOOD PROCESS ENGINEERING, vol.47, no.1, pp.14525, 2024 (SCI-Expanded)
- VII. **Changes in Bioactivity of Einkorn Wheat During the Maturation Period and its Effect on the Properties of Einkorn Bread**
Erkölencik M. F., Kahraman B., Özülü G., Tulukçu E., Göktaş H., Sağıdıç O., Arıcı M.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.48, no.1, pp.1-10, 2024 (SCI-Expanded)
- VIII. **Production and characterization of probiotic jelly candy containing *Bacillus* species**
Kahraman B., Korkmaz K., Daştan D., Toker Ö. S., Dertli E., Arıcı M.
Journal of Food Measurement and Characterization, vol.17, no.6, pp.5864-5873, 2023 (SCI-Expanded)
- IX. **Bacterial Dynamics of Hardaliye, a Fermented Grape Beverage, Determined by Hightthroughput Sequencing**
Metin B., Pehlivanoğlu H., Yıldırım Servi E., Arıcı M.
TARIM BİLİMLERİ DERGİSİ, vol.29, no.3, pp.756-764, 2023 (SCI-Expanded)
- X. **Antioxidant, antidiabetic, and antihypertensive effects of peptides from some *Quercus* species**
Çağlar M. Y., Arıcı M.
Turkish Journal of Agriculture and Forestry, vol.47, no.2, pp.196-205, 2023 (SCI-Expanded)
- XI. **Isolation and characterization of yogurt starter cultures from traditional yogurts and growth kinetics of selected cultures under lab-scale fermentation**
Kayacan Çakmakoglu S., Vurmaz M., Bezirci E., Kaya Y., Dikmen H., Goktas H., Demirbas F., Encu B., Soykut E. A., Alemdar F., et al.
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, vol.53, no.4, pp.454-463, 2023 (SCI-Expanded)
- XII. **POSSIBILITY OF USING BLACK OLIVE SEED POWDER IN FORMULATIONS TO FUNCTIONALIZE BREAD**

- Cakir E., Yıldırım R., Pour N., Özülkü G., Toker Ö. S., Arıcı M.
Latin American Applied Research, vol.53, no.4, pp.395-401, 2023 (SCI-Expanded)
- XIII. **The effect of hardaliye on reducing the formation of malondialdehyde during in vitro gastrointestinal digestion of meat products**
Aksoy A. S., ARICI M., Yaman M.
Food Bioscience, vol.47, 2022 (SCI-Expanded)
- XIV. **Prevalence of Clostridium spp., in Kashar cheese and efficiency of Lactiplantibacillus plantarum and Lactococcus lactis subsp. lactis mix as a biocontrol agents for Clostridium spp.**
Demirbas F., Dertli E., Arıcı M.
FOOD BIOSCIENCE, vol.46, 2022 (SCI-Expanded)
- XV. **Probiotic lactobacilli in faeces of breastfed babies**
DEMİROK N. T., DURAK M. Z., ARICI M.
FOOD SCIENCE AND TECHNOLOGY, vol.42, 2022 (SCI-Expanded)
- XVI. **Effect of starter culture sourdough prepared with Lactobacilli and Saccharomyces cerevisiae on the quality of hull-less barley-wheat bread**
Cakir E., ARICI M., DURAK M. Z.
LWT-FOOD SCIENCE AND TECHNOLOGY, vol.152, 2021 (SCI-Expanded)
- XVII. **The famous Turkish rose essential oil: Characterization and authenticity monitoring by FTIR, Raman and GC-MS techniques combined with chemometrics**
Çebi N., Arıcı M., Sağdıç O.
Food Chemistry, vol.354, 2021 (SCI-Expanded)
- XVIII. **Application of l-asparaginase to produce high-quality Turkish coffee and the role of precursors in acrylamide formation**
Akgun B., Arici M., Cavus F., Karatas A. B., Eksi Karaagac H., Ucurum H. O.
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.45, no.6, 2021 (SCI-Expanded)
- XIX. **Effect of Different Fermentation Condition on Estimated Glycemic Index, In Vitro Starch Digestibility, and Textural and Sensory Properties of Sourdough Bread**
Demirkesen-Bicak H., Arıcı M., Yaman M., Karasu S., Sağdıç O.
FOODS, vol.10, no.3, 2021 (SCI-Expanded)
- XX. **The effect of taro-wheat flour and taro-gluten free flour on cake batters and quality**
Arıcı M., Özülkü G., Kahraman B., Metin Yıldırım R., Toker Ö. S.
Journal of Food Measurement and Characterization, vol.15, no.1, pp.531-540, 2021 (SCI-Expanded)
- XXI. **Optimization of ultrasound-assisted extraction of turkish propolis and characterization of phenolic profile, antioxidant and antimicrobial activity**
Bakkaloglu Z., Arıcı M., Karasu S.
Food Science and Technology (Brazil), vol.41, no.3, pp.687-695, 2021 (SCI-Expanded)
- XXII. **Taro flour usage in wheat flour bread and gluten-free bread: Evaluation of rheological, technological and some nutritional properties**
Arıcı M., Özülkü G., Kahraman B., Yildirim R., Toker Ö. S.
JOURNAL OF FOOD PROCESS ENGINEERING, vol.43, no.9, 2020 (SCI-Expanded)
- XXIII. **The molecular and technological characterization of lactic acid bacteria in einkorn sourdough: effect on bread quality**
Çakır E., Arıcı M., Durak M. Z., Karasu S.
Journal of Food Measurement and Characterization, vol.14, pp.1646-1655, 2020 (SCI-Expanded)
- XXIV. **Optimization Aging Parameters of Mg Silica Aerogel Using Box-Behnken Approach**
Kara I. T., Yücel S., Arıcı M.
JOURNAL OF NANO RESEARCH, vol.62, pp.31-46, 2020 (SCI-Expanded)
- XXV. **OPTIMIZATION OF MICROENCAPSULATION CONDITIONS OF TULIP PETAL ANTHOCYANIN: STORAGE STABILITY TEST**
Karasu S., Sagdic O., Arici M., Kayacan S.
LATIN AMERICAN APPLIED RESEARCH, vol.50, no.3, pp.221-227, 2020 (SCI-Expanded)

- XXVI. Non-linear rheological (LAOS) behavior of sourdough-based dough**
Yildirim-Mavis C., Yilmaz M. T., Dertli E., Arici M., Ozmen D.
Food Hydrocolloids, vol.96, pp.481-492, 2019 (SCI-Expanded)
- XXVII. Effect of the fermentation temperature on the degradation of phytic acid in whole-wheat sourdough bread**
Metin Yildirim R., Arici M.
LWT, vol.112, 2019 (SCI-Expanded)
- XXVIII. Fabrication and characterization of thymol-loaded nanofiber mats as a novel antimould surface material for coating cheese surface**
Tatlisu N. B., Yilmaz M. T., Arici M.
FOOD PACKAGING AND SHELF LIFE, vol.21, 2019 (SCI-Expanded)
- XXIX. Fortification of edible zein films with thyme, laurel and orange essential oils and determination of their antifungal and radical scavenging properties**
Gucbilmez C. M., Oksuz O., Arici M.
JOURNAL OF FOOD SAFETY AND FOOD QUALITY-ARCHIV FUR LEBENS MITTELHYGIENE, vol.70, pp.82-88, 2019 (SCI-Expanded)
- XXX. A rapid ATR-FTIR spectroscopic method for classification of gelatin gummy candies in relation to the gelatin source**
Çebi N., Dogan C. E., Mese A. E., Ozdemir D., Arici M., Sağdıç O.
FOOD CHEMISTRY, vol.277, pp.373-381, 2019 (SCI-Expanded)
- XXXI. Evaluation of acrylamide and selected parameters in some Turkish coffee brands from the Turkish market**
Akgun B., Arici M.
FOOD ADDITIVES AND CONTAMINANTS PART A-CHEMISTRY ANALYSIS CONTROL EXPOSURE & RISK ASSESSMENT, vol.36, pp.548-560, 2019 (SCI-Expanded)
- XXXII. Optimization of a gluten free formulation of the Turkish dessert revani using different types of flours, protein sources and transglutaminase**
Yildirim R. M., Gumus T., ARICI M.
LWT-FOOD SCIENCE AND TECHNOLOGY, vol.95, pp.72-77, 2018 (SCI-Expanded)
- XXXIII. Biodiversity and technological properties of yeasts from Turkish sourdough**
Arıcı M., Özülkü G., Yıldırım R. M., Sağıdıç O., Durak M. Z.
FOOD SCIENCE AND BIOTECHNOLOGY, vol.27, pp.499-508, 2018 (SCI-Expanded)
- XXXIV. Physicochemical, Functional and Microbiological Properties of Hardaliye Beverages Produced from Different Grapes and Collected from Different Households**
Coşkun F., Arıcı M., Gülcü M., Çelikyurt G., Mirik M.
TARIM BİLİMLERİ DERGİSİ-JOURNAL OF AGRICULTURAL SCIENCES, vol.24, pp.278-285, 2018 (SCI-Expanded)
- XXXV. Characterization of the rheological and technological properties of the frozen sourdough bread with chickpea flour addition**
Özülkü G., Arıcı M.
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.11, pp.1493-1500, 2017 (SCI-Expanded)
- XXXVI. Probiotic and functional characterization of lactobacillus spp. isolated from infant faeces**
Tokatlı Demirok N., DURAK M. Z., ARICI M.
JOURNAL OF BIOTECHNOLOGY, vol.256, 2017 (SCI-Expanded)
- XXXVII. The effect of ultrasonic treatments on turbidity, microbial load, and polyphenol oxidase (PPO) activity of plum nectar**
IRKILMEZ M. U., Başlar M., SAĞDIÇ O., ARICI M., ERTUGAY M. F.
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- XXXVIII. Microencapsulation of fig seed oil rich in polyunsaturated fatty acids by spray drying**
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Arıcı M., Sağıdç O., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Ekşi hamurdan starter kültür olarak kullanılabilecek mayaların izolasyonu, teknolojik özelliklerinin belirlenmesi ve bu mayaların ekmek üretiminde kullanılması, 2013 - 2015

Yılmaz M. T., Arıcı M., Sağıdç O., TUBITAK Project, Effect of exopolysaccharide (EPS) producing lactic acid bacteria on the textural, rheological and microstructural properties of some foods, 2012 - 2014

Gülçü M., Arıcı M., Project Supported by Other Official Institutions, Investigation of the effects of different preservation methods on the chemical, microbiological and sensory properties of grape leaves, 2011 - 2013

Şenköylü N., Arıcı M., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Namık Kemal University Central Research Laboratory Project, 2010 - 2013

Arıcı M., TUBITAK Project, Isolation and Identification of Lactic Acid Bacteria from Hardaliye, Determination of Technological and Probiotic Properties, 2010 - 2011

ARICI M., Other International Funding Programs, Farklı formülasyonlarda üretilen bebek mamalarının bileşimi, bazı mikrobiyolojik özellikleri ve *Entereobacter sakazakii* varlığının belirlenmesi, 2009 - 2010

Arıcı M., TUBITAK Project, Production of Xanthan Gum from Rice Bran Using *Xanthomonas campestris*, 2007 - 2009

Arın L., Arıcı M., TUBITAK Project, Determination of Some Physical and Chemical Properties of Some Species of Cabbage (Cruciferae) and Legumes (Fabaceae) Families Germinated for Consumption and Seed Mixtures, 2007 - 2008

Arıcı M., Project Supported by Higher Education Institutions, Sofralık fermentte zeytinlerde mikotoksin varlığı ve

zeytinlerde bazı mikotoksijenik küflerin farklı sıcaklıklarda mikotoksin üretimi üzerine araştırmalar, 2005 - 2006
Arıcı M., TUBITAK Project, Production of xanthan gum from whey using Xanthomonas campestris, 2002 - 2005
ARICI M., Other International Funding Programs, Escherichia coli O157:H7'nin Tekirdağ köftesinin üretim, depolama ve pişirme aşamalarındaki durumu, 2003 - 2004
ARICI M., Other International Funding Programs, Mısır ve mısır ürünlerinde fumonisın varlığı, bebek fekessinden izole edilmiş Lactobacillus'ların fumonisın B1'i parçalaması, 2001 - 2003
Arıcı M., Project Supported by Higher Education Institutions, Probiyotik laktik asit bakterilerinin izolasyonu, identifikasiyonu ve antimikrobiyal özellikleri üzerine bir araştırma, 2001 - 2002
ARICI M., Other International Funding Programs, Tarhana fermentasyonu ve çeşitli kurutma metodlarının bazı patojen bakteriler üzerine etkisi, 2001 - 2002
ARICI M., Other International Funding Programs, Arpa, malt ve birada okratosin A (OTA) varlığı ve ota'nın bira üretimi sırasında maya tarafından parçalanması üzerine araştırma, 2001 - 2002
ARICI M., Other International Funding Programs, Meyve ve meyve sularında patulin varlığı üzerine araştırmalar, 2001 - 2002
Şenköylü N., Arıcı M., TUBITAK Project, Production of probiotics from different sources and their use instead of antibiotics in broiler feeds, 2000 - 2001
Arıcı M., Project Supported by Higher Education Institutions, Hardaliye Üretimi ve Mikroflorası Üzerine Araştırmalar, 2000 - 2001

Activities in Scientific Journals

Food & Nutrition Journal, Publication Committee Member, 2017 - Continues
Akademik Gıda, Publication Committee Member, 2012 - Continues

Memberships / Tasks in Scientific Organizations

Biyoteknoloji Derneği, Member, 2001 - Continues

Scientific Refereeing

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Yıldız Technical University, Turkey, October 2018
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Yıldız Technical University, Turkey, June 2018
International Journal of Secondary Metabolite, Other Indexed Journal, August 2017
International Journal of Secondary Metabolite, Other Indexed Journal, August 2017
Current Nutrition & Food Science, SCI Journal, July 2017
International Journal of Food Science & Technology, SCI Journal, May 2017
Turkish Journal of Agriculture - Food Science and Technology, Other Indexed Journal, May 2017
TUBITAK Project, 1003 - Priority Areas R&D Projects Support Program, Yıldız Technical University, Turkey, May 2017
TUBITAK Project, May 2017
Journal of Food Processing and Preservation, SCI Journal, February 2017
Project Supported by Higher Education Institutions, January 2017
International Journal of Pharmaceutical Sciences and Developmental Research , SCI Journal, December 2016
TUBITAK Project, 1003 - Priority Areas R&D Projects Support Program, Yıldız Technical University, Turkey, August 2016
Selection of potential autochthonous starter cultures from shalgam, a traditional Turkish lactic acid fermented beverage, SCI Journal, June 2012
Compositions of Essential Oils Obtained From Lemon Balm And Sage And Their Antifungal Effects On Ochratoxigenic

Penicillium verrucosum, SCI Journal, March 2012

Utilization of Plant Hydrosols as Sprout Disinfectant, SCI Journal, March 2012

Scientific Consultations

Tübitak, Scientific Consultancy, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering,
Department Of Food Engineering, Turkey, 2017 - Continues

Tasks In Event Organizations

Arıcı M., Türkiye 1. Gıda Mikrobiyolojisi Kongresi), Scientific Congress, Erzurum, Turkey, Eylül 2023

Arıcı M., 1st International Conference on Food Technology and Nutrition, Scientific Congress, Tetovo, Macedonia, Mayıs 2019

Arıcı M., 4th International Symposium on Traditional Foods from Adriatic to Caucasus, Scientific Congress, Girne, Cyprus (Kktc), Nisan 2018

Arıcı M., 3th International Symposium on Traditional Foods from Adriatic to Caucasus, Scientific Congress, Sarajevo, Bosnia And Herzegovina, Ekim 2015

Arıcı M., Kovandan Sofraya İzlenebilir Arı Ürünleri Kongresi, Scientific Congress, İstanbul, Turkey, Nisan 2014

Arıcı M., Food Micro2012, Scientific Congress, İstanbul, Turkey, Eylül 2012

Metrics

Publication: 209

Citation (WoS): 1581

Citation (Scopus): 1663

H-Index (WoS): 23

H-Index (Scopus): 27

Congress and Symposium Activities

Ege 10th International Conference on Applied Sciences, Attendee, İzmir, Turkey, 2023

3rd International Congress on Scientific Advances, Attendee, İstanbul, Turkey, 2023

2nd Food Chemistry Congress, Invited Speaker, Antalya, Turkey, 2023

International Congress on Fundamental and Applied Sciences, Attendee, Sarajevo, Bosnia And Herzegovina, 2017

3 rd INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, Attendee, Budapest, Hungary, 2017

I. International Congress on medical and aromatik plants "Natural and healthy Life", Attendee, Konya, Turkey, 2017

I. International Congress on Medical and Aromatic Plants, Session Moderator, Konya, Turkey, 2017

Biyoteknoloji Kongresi, Session Moderator, Konya, Turkey, 2015

From Hive to Table 2015, Moderator, İstanbul, Turkey, 2015

Non Academic Experience

Yıldız Teknik Üniversitesi

Namık Kemal Üniversitesi

Namık Kemal Üniversitesi

Trakya Üniversitesi

Trakya Üniversitesi

