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Education Information

Doctorate, University of Reading, Department Of Food Science And Technology, Biotechnology And Bioengineering, United Kingdom 1992 - 1996

Postgraduate, University of Reading, Department Of Food Science And Technology, Food And Agricultural Biotechnology, United Kingdom 1991 - 1992

Undergraduate, Cukurova University, Ziraat Fakültesi, Gıda Mühendisliği Bölümü, Turkey 1982 - 1986

Foreign Languages

German, B1 Intermediate

English, C1 Advanced

Dissertations

Doctorate, Anaerobic Digestion: Effect of Carbon Source on Batch Kinetics , University of Reading, Department Of Food Sceince And Technology, Biotechnology And Bioengineering, 1996

Postgraduate, Lipase-Catalysed Esterification in Organic Solvent Using Continuous Loop Packed-Bed and Batch Reactors with Molecular Sieves , University of Reading, Department Of Food Science And Technology, Food And Agricultural Biotechnology, 1992

Research Areas

Life Sciences, Biotechnology, Microbial Biotechnology, Natural Sciences

Academic Titles / Tasks

Professor, Cukurova University, Ziraat Fakültesi, Gıda Mühendisliği Bölümü, 1987 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

1. Effect of temperature and nitrogen supplementation on bioethanol production from waste bread, watermelon and muskmelon by *Saccharomyces cerevisiae*

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- II. **ALKALINE PROTEASE PURIFICATED FROM WILD TYPE BACILLUS SP.: CHARACTERIZATION AND APPLICATION IN DETERGENT INDUSTRY**
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- VI. **Correlation between browning degree and composition of important Turkish white wine grape varieties**
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- VII. **Two-year comparison of the biochemical properties of polyphenol oxidase from Turkish Alyanak apricot (Prunus armenica L.)**
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- VIII. **Extraction and characterization of pectin methylesterase from Alyanak apricot (Prunus armeniaca L.)**
ÜNAL M. Ü., Sener A.
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE, vol.52, no.2, pp.1194-1199, 2015 (SCI-Expanded)
- IX. **Seasonal variation in amino acid and phenolic compound profiles of three Turkish white wine grapes**
ÜNAL M. Ü., Sener A., Sen K., YILMAZTEKİN M.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.39, no.6, pp.984-991, 2015 (SCI-Expanded)
- X. **Effect of harvest year on biochemical properties of Narince grape (Vitis vinifera l. cv. Narince) polyphenol oxidase**
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EUROPEAN FOOD RESEARCH AND TECHNOLOGY, vol.238, no.4, pp.613-619, 2014 (SCI-Expanded)
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- XII. **Research on antifungal and inhibitory effects of DL-limonene on some yeasts**
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- XIII. **PURIFICATION AND CHARACTERIZATION OF POLYPHENOL OXIDASE FROM GOLDNUGGET LOQUAT (ERIOBOTRYA JAPONICA CV. GOLDNUGGET)**
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JOURNAL OF FOOD BIOCHEMISTRY, vol.35, no.6, pp.1568-1575, 2011 (SCI-Expanded)
- XIV. **Purification and Characterization of Polyphenol Oxidase from Akko XIII Loquat (Eriobotrya japonica cv Akko XIII)**

- SENER A., Unal M. U.
FOOD BIOTECHNOLOGY, vol.25, no.1, pp.30-42, 2011 (SCI-Expanded)
- XV. **A COMPARATIVE STUDY OF POLYPHENOL OXIDASE FROM TWO VARIETIES OF QUINCE (CYDONIA OBLONGA)**
Unal M. U., Sener A., Bozdogan A.
JOURNAL OF FOOD BIOCHEMISTRY, vol.34, no.2, pp.356-367, 2010 (SCI-Expanded)
- XVI. **Extraction and characterisation of pectin methylesterase from black carrot (Daucus carota L.)**
ÜNAL M. Ü., BELLUR E.
FOOD CHEMISTRY, vol.116, no.4, pp.836-840, 2009 (SCI-Expanded)
- XVII. **Characterization of Sultaniye grape (Vitis vinifera L. cv. Sultana) polyphenol oxidase**
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INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, vol.42, no.9, pp.1123-1127, 2007 (SCI-Expanded)
- XVIII. **The effect of fermentation temperature on the growth kinetics of wine yeast species**
SENER A., Canbař A., ÜNAL M. Ü.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.31, no.5, pp.349-354, 2007 (SCI-Expanded)
- XIX. **Properties of polyphenol oxidase from Anamur banana (Musa cavendishii)**
Unal M. Ü.
FOOD CHEMISTRY, vol.100, no.3, pp.909-913, 2007 (SCI-Expanded)
- XX. **Determination of some biochemical properties of polyphenol oxidase from Emir grape (Vitis vinifera L. cv. Emir)**
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JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, vol.86, no.14, pp.2374-2379, 2006 (SCI-Expanded)
- XXI. **Effect of bottle colour and storage conditions on browning of orange wine**
Selli S., Canbař A., Unal U.
NAHRUNG-FOOD, vol.46, no.2, pp.64-67, 2002 (SCI-Expanded)
- XXII. **Clozapine and suicide**
ÖZPOYRAZ N., Tamam L., ÜNAL M. Ü.
Annals of Medical Sciences, vol.8, no.1, pp.67-69, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. **EFFECTS OF BIOACTIVE PEPTIDES ON HEALTH**
ÜNAL M. Ü., ŞENER A., Cemek K.
GIDA / THE JOURNAL OF FOOD, pp.930-942, 2018 (Peer-Reviewed Journal)
- II. **BIOACTIVE PEPTIDES AND HEALTH EFFECTS**
ÜNAL M. Ü., ŞENER A.
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- IV. **Bacillus subtilis kullanarak atık ekmeklerden alkali proteaz ve biyosürefektan üretimi**
SÜMENGEN ÖZDENEFE M., DİNÇER S., ÜNAL M. Ü.
Ç. Ü. Fen ve Mühendislik Bilimleri Dergisi, vol.34, no.6, pp.70-79, 2016 (Peer-Reviewed Journal)
- V. **Effect of some postharvest treatments on physical and biochemical properties of Anamur bananas (Musa acuminata Colla (AAA Group)) during shelf-life period**
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SÜMENGİN ÖZDENEFE M., DİNÇER S., ÜNAL M. Ü.
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- VIII. **A Survey on Identification of User Needs Regarding Linguistic Support for Organic.Edunet Portal**
ÜNAL M. Ü., CEBECİ Z., GÖKÇE M. A.
Journal of EcoAgriTourism, vol.8, no.25, pp.320-325, 2012 (Peer-Reviewed Journal)
- IX. **Determination of biochemical properties of polyphenol oxidase from Domat olives.**
ÜNAL M. Ü., Taş C., ŞENER A.
Gıda/The journal of food, vol.36, no.4, pp.185-192, 2011 (Peer-Reviewed Journal)
- X. **Extraction, partial purification and characterization of polyphenol oxidase from tea leaf (Camellia sinensis)**
karaoğlan s. y., ÜNAL M. Ü., ŞENER A.
GIDA, vol.36, no.3, pp.137-144, 2011 (Peer-Reviewed Journal)
- XI. **Pozantı Yöresinde Yetiştirilen Bazı Siyah Üzüm Çeşitlerinin Kırmızı Şarap Üretimine Uygunlukları Üzerine Bir Araştırma**
ERTEN H., ÜNAL M. Ü., CABAROĞLU T., Bozdoğan A., İnceseli İ., Özdemir G., Tangolar S., Canbaş A.
GIDA, vol.32, no.4, pp.165-172, 2007 (Peer-Reviewed Journal)
- XII. **Pozantı'da Yetiştirilen Bazı Beyaz Üzüm çeşitlerinin Beyaz Şarap Üretimine Uygunlukları Üzerine Bir Araştırma**
ERTEN H., Bozdoğan A., ÜNAL M. Ü., Özdemir G., CABAROĞLU T., Tangolar S., Canbaş A.
GIDA, vol.32, no.6, pp.269-275, 2007 (Peer-Reviewed Journal)
- XIII. **Cibre Fermantasyonu Süresinin Öküzgözü ve Boğazkare Üzümlerinden karıştırılarak Elde Edilen Şarapların Fenol Bileşikleri ve Kalitesi Üzerine Etkisi**
ERTEN H., CABAROĞLU T., ÜNAL M. Ü., Bozdoğan A.
GIDA, vol.31, no.2, pp.77-85, 2006 (Peer-Reviewed Journal)
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Gıda, vol.31, no.2, pp.77, 2006 (Peer-Reviewed Journal)
- XV. **Effects of mixed substrate on the stability of anaerobic digestion**
ÜNAL M. Ü., AKSAY S., YILMAZ T.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.20, no.2, 2005 (Peer-Reviewed Journal)
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- XVII. **Öküzgözü ve Boğazkare Üzümleri Karışımının Şaraba İşlenmesinde Cibre Fermantasyonu Süresinin Fenol Bileşikleri Üzerine Etkisi**
ERTEN H., ÜNAL M. Ü., CABAROĞLU T., Bozdoğan A.
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- XVIII. **Elazığ Yöresi Şaraplık Öküzgözü ve Boğazkare Üzümleri Üzerinde Teknolojik Araştırmalar I. 1988 ve 1989 Yılı Denemeleri**
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GIDA, vol.20, no.5, pp.281-288, 1995 (Peer-Reviewed Journal)
- XIX. **Nevşehir Ürgüp yöresi Emir üzümünün şaraba işlenmesi üzerine denemeler**
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Ç.Ü. Ziraat Fakültesi Dergisi, vol.8, no.4, pp.37-52, 1993 (Peer-Reviewed Journal)
- XX. **Nevşehir-Ürgüp Yöresi Emir Üzümlerinin Şaraba İşlenmesi Üzerine Denemeler**

Refereed Congress / Symposium Publications in Proceedings

- I. **Bioactive properties of apricot (*Prunus armenica* L.)**
aksoy v. a., ŞENER A., ÜNAL M. Ü.
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), 25 - 27 April 2019
- II. **Meyve ve sebzelerde bulunan bazı enzimlerin ısıl işlemlerle inaktivasyonu.**
cemek k., ŞENER A., ÜNAL M. Ü.
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), 25 - 27 April 2019
- III. **Isolation, partial purification and determination of effects of some inhibitors of beta glucosidase from Muscat of Bornova grape.**
aksoy v. a., ŞENER A., ÜNAL M. Ü.
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), 25 - 27 April 2019
- IV. **Gıda işleme yöntemlerinin biyoaktif bileşikler üzerine etkisi.**
cemek k., ŞENER A., ÜNAL M. Ü.
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), 25 - 27 April 2019
- V. **Bioactive properties of Kale (*Brassica oleracea* L. var. *Acephala*)**
ŞENER A., ÜNAL M. Ü.
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- VI. **Partial purification and determination of thermal inactivation parameters of pectinmethyl esterase enzyme from Alyanak apricot**
ŞENER A., ÜNAL M. Ü.
4th International Mediterranean Science and Engineering Congress (IMSEC 2019), 25 - 27 April 2019
- VII. **Lignoselülozik materyallerden biyoetanol üretimi.**
ŞENER A., ÜNAL M. Ü.
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018
- VIII. **Kayıdıdan Beta-glikozidaz enziminin kısmi saflaştırılması ve termal inaktivasyon parametrelerinin belirlenmesi.**
ÜNAL M. Ü., ŞENER A.
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- IX. **Bitkisel Biyoaktif Bileşiklerin Sağlık Üzerine Et**
ÜNAL M. Ü., ŞENER A.
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- X. **Bioactive peptides and health effects.**
ÜNAL M. Ü., ŞENER A.
14th Durable Agriculture - Agriculture of the Future, Craiova, Romania, 27 - 29 September 2018
- XI. **Biological activities of loquat**
ŞENER A., ÜNAL M. Ü.
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- XII. **Tatlı Sorgumdan Biyoetanol Üretiminde pH'nın Etanol Verimine Etkisi.**
ÜNAL M. Ü., CABAROĐLU T., ŞENER A., YÜCEL C., YÜCEL D., CANATAR M., CEMEK K.
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XIV. Production of Bioethanol From Sweet Sorghum

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XV. Tatlı Sorgumdan Biyoetanol Üretiminde Maya Türü ve Suşunun Biyoetanol Verimine Etkisi.

ÜNAL M. Ü., CABAROĞLU T., ŞENER A., YÜCEL C., YÜCEL D., CANATAR M., CEMEK K.

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XVI. Characterization of biosurfactant produced by Bacillus subtilis MS.

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XVII. Effect of Temperature on Partial Purified Tea Polyphenol Oxidase

ÜNAL M. Ü., YABACI KARAOĞLAN S., ŞENER A.

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XIX. Characterization of alkaline protease produced by Bacillus megaterium

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ÜNAL M. Ü., Şener A., Aksoy V. A.

International Conference on Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 17 May 2017, pp.323

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XXV. Phytochemicals and Healt Effects

ÜNAL M. Ü., Şener A.

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XXVI. Biochemical Properties of Emir Grape Polyphenol Oxidase as Affected by Harvest Year

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XXVII. Comparision od Acid and Base Pretreatment of Switchgrass Panicum virgatum l for Bioethanol

Production

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XXIX. **A Research on Determination of Pectinmethyl esterase Activities of Some Apricots During Maturation**

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XXXI. **A research on browning potential of emir grape**

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XXXII. **Avrupa'da Organik Tarım ve Tarımsal Ekoloji Eğitiminde Çokdilli Bir Web Portalı Çözümü**

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XXXIV. **Boğazkere ve Öküzgözü Üzümlerinin ve Bunlardan Elde Edilen Şarapların Genel Özellikleri**

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ÜNAL M. Ü., CHOWDHURY G., Project Supported by Higher Education Institutions, A study on bioethanol production from potential feedstock waste bread watermelon (*Citrullus lanatus*) and (muskmelon *Cucumis melo*), 2016 - 2017

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Scientific Refereeing

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Food Science and Technology International, SCI Journal, April 2007

Metrics

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Non Academic Experience

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