

## Assoc. Prof. NECATİ ÇETİN



### Personal Information

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### International Researcher IDs

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ScopusID: 57204595476

Yoksis Researcher ID: 238709



### Education Information

Postgraduate, Tokat Gaziosmanpaşa University, Faculty Of Agriculture, Turkey 2012 - Continues

Doctorate, Erciyes University, Ziraat Fakültesi, Biyosistem Mühendisliği, Turkey 2018 - 2021

Postgraduate, Erciyes University, Ziraat Fakültesi, Biyosistem Mühendisliği, Turkey 2016 - 2017

Postgraduate, Faculty of Agriculture and Biotechnology , Agricultural Engineering , Poland 2013 - 2014

Undergraduate, Tokat Gaziosmanpaşa University, Faculty Of Agriculture, Turkey 2008 - 2012

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Vocational Course, İHA - 1 - Sportif Pilotluk Sertifikası, Sivil Havacılık Genel Müdürlüğü , 2021

Project Management, Proje Hazırlama Eğitimi, TÜBİTAK, 2018

Other, TARIMSAL DANIŞMANLIK SERTİFİKASI, GIDA TARIM VE HAYVANCILIK BAKANLIĞI, 2013

### Dissertations

Doctorate, Elma Çeşitlerinin Kurutulmasında Farklı Kurutma Yöntemlerinin Etkisinin Belirlenmesi ve Yapay Zeka Algoritmalarıyla Karşılaştırılması , Erciyes University, Ziraat Fakültesi, Biyosistem Mühendisliği, 2021

Postgraduate, Pülverizatör Memelerinde Püskürtme Açısı ve Akış Düzensizliğünün Görüntü İşleme Operasyonuyla Belirlenmesi , Erciyes University, Ziraat Fakültesi, Biyosistem Mühendisliği, 2017

## Research Areas

Farm Machinery, Greenhouse Mechanization, Energy Use in Agriculture, Computer Vision, Pattern Recognition and Image Processing

## Academic Titles / Tasks

Associate Professor, Ankara University, Ziraat Fakültesi, Tarım Makineleri ve Teknolojileri Mühendisliği Bölümü, 2023 - Continues

Assistant Professor, Ankara University, Ziraat Fakültesi, Tarım Makineleri ve Teknolojileri Mühendisliği Bölümü, 2022 - 2023

Research Assistant, Erciyes University, Ziraat Fakültesi, Biyosistem Mühendisliği, 2015 - 2022

## Academic and Administrative Experience

Academic Performance D. Board Member, Ankara University, Ziraat Fakültesi, Tarım Makineleri ve Teknolojileri Mühendisliği Bölümü, 2023 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Ankara University, Ziraat Fakültesi, Tarım Makineleri ve Teknolojileri Mühendisliği Bölümü, 2022 - Continues

Birim Stratejik Plan Komisyonu Üyesi, Erciyes University, Ziraat Fakültesi, Biyosistem Mühendisliği, 2017 - 2022

Birim Kalite Komisyonu Üyesi, Erciyes University, Ziraat Fakültesi, Biyosistem Mühendisliği, 2017 - 2022

Bölüm Stratejik Plan Komisyonu Üyesi, Erciyes University, Ziraat Fakültesi, Biyosistem Mühendisliği, 2017 - 2022

Bölüm Kalite Komisyonu Üyesi, Erciyes University, Ziraat Fakültesi, Biyosistem Mühendisliği, 2017 - 2022

Ölçme Değerlendirme Kurulu Üyesi, Erciyes University, Ziraat Fakültesi, Biyosistem Mühendisliği, 2017 - 2019

## Courses

Tarım Makinaları Mühendisliğinde Veri Bilim Uygulamaları, Postgraduate, 2023 - 2024

Havadan Tarımsal Savaş, Postgraduate, 2023 - 2024, 2022 - 2023

Renewable Energy Sources, Undergraduate, 2022 - 2023

Teknik Resim, Undergraduate, 2023 - 2024

Teknik Resim, Undergraduate, 2022 - 2023

Kariyer Planlama, Undergraduate, 2021 - 2022

Mesleki Uygulama, Undergraduate, 2021 - 2022

Malzeme Bilgisi, Undergraduate, 2021 - 2022

Sera Mekanizasyonu, Undergraduate, 2022 - 2023

Bitirme Çalışması, Undergraduate, 2021 - 2022

Mesleki Uygulama, Undergraduate, 2021 - 2022

Tarım Alet ve Makinaları, Undergraduate, 2021 - 2022

İçsel Tarım Mekanizasyonu, Undergraduate, 2021 - 2022

Bitirme Çalışması, Undergraduate, 2021 - 2022

## Advising Theses

Kaplan M., Çetin N., Farklı Koşullarda Kurutulan Yonca Otonun Yem Kalite Özelliklerinin Belirlenmesi, Postgraduate, S.Karpuzcu(Student), Continues

Çetin N., Sağlam C., FARKLI KURUTMA YÖNTEMLERİNİN GİLABURU(VİBURNUM OPULUS L.) MEYVESİNİN KURUTMAKİNETİĞİ, RENK VE BİYOKİMYASAL İÇERİĞİNEETKİSİNİN BELİRLENMESİ, Doctorate, S.GÜNAYDIN(Student), Continues

Sağlam C., Çetin N., Farklı Koşullarda Kurutulan Limonların Kurutma Karakteristiklerinin Belirlenmesi ve Makine

Öğrenmesi ile Sınıflandırılması, Postgraduate, S.Can(Student), 2024

Demirel B., Çetin N., Görüntü İşleme Teknikleri Kullanılarak Tarımsal Artıklardan Elde Edilen Peletlerin Bazı Pelet Karakteristiklerinin Belirlenmesi, Postgraduate, S.Akpınar(Student), 2023

Çetin N., Sağlam C., Kayseri kuru tarım koşullarında çerezlik kabak (Cucurbita pepo L.) bitkisinde farklı toprak işleme sistemlerinin enerji kullanımı, ürün verimi ve kalitesine etkisi, Postgraduate, D.ALİ(Student), 2023

## Jury Memberships

Doctorate, Doctorate, Università di Sassari, December, 2023

Post Graduate, Post Graduate, Tokat Gaziosmanpaşa Üniversitesi, August, 2023

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Change of bioactive properties, spectral reflectance, and color characteristics of European cranberry (*Viburnum opulus* L.) juice as affected by foam mat drying technique**  
Günaydın S., ÇETİN N., SAĞLAM C., KARAMAN K.  
Scientific reports, vol.14, no.1, pp.22974, 2024 (SCI-Expanded)
- II. **Recognition performance of different artificial neural networks for distinguishing banana slices subjected to different combinations of pretreatment and microwave drying**  
ÇETİN N., Ropelewska E., Noutfia Y., Günaydın S.  
Food Control, vol.163, 2024 (SCI-Expanded)
- III. **Machine learning and computer vision technology to analyze and discriminate soil samples**  
Kaplan S., Ropelewska E., Günaydın S., Sabancı K., Çetin N.  
SCIENTIFIC REPORTS, vol.14, no.19945, pp.1-11, 2024 (SCI-Expanded)
- IV. **Prediction of mass and discrimination of common bean by machine learning approaches**  
ÖZAKTAN H., ÇETİN N., UZUN S., UZUN O., Ciftci C. Y.  
ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY, vol.26, no.7, pp.18139-18160, 2024 (SCI-Expanded)
- V. **Using spectral vegetation indices and machine learning models for predicting the yield of sugar beet (*Beta vulgaris* L.) under different irrigation treatments**  
İRİK H. A., Ropelewska E., ÇETİN N.  
Computers and Electronics in Agriculture, vol.221, 2024 (SCI-Expanded)
- VI. **Exploration of machine learning models based on the image texture of dried carrot slices for classification**  
Günaydın S., Ropelewska E., SAÇILIK K., ÇETİN N.  
Journal of Food Composition and Analysis, vol.129, 2024 (SCI-Expanded)
- VII. **Binary classification of pumpkin (*Cucurbita pepo* L.) seeds based on quality features using machine learning algorithms**  
ÇETİN N., Ropelewska E., Fidan S., Ulkucu S., Saban P., Gunaydin S., ÜNLÜKARA A.  
EUROPEAN FOOD RESEARCH AND TECHNOLOGY, vol.250, no.2, pp.409-423, 2024 (SCI-Expanded)
- VIII. **Comparison of drying methods for biochemical composition, energy aspects, and color properties of alfalfa hay**  
KAPLAN M., ÇETİN N., Ciftci B., Karpuzcu S.  
Biomass Conversion and Biorefinery, 2024 (SCI-Expanded)
- IX. **Machine learning approaches for estimating apricot drying characteristics in various advanced and conventional dryers**  
Kaveh M., ÇETİN N., Khalife E., Abbaspour-Gilandeh Y., Sabouri M., Sharifian F.  
JOURNAL OF FOOD PROCESS ENGINEERING, vol.46, no.12, 2023 (SCI-Expanded)
- X. **Comparative evaluation of greenhouse gas emissions and specific energy consumption of different drying techniques in pear slices**

Kaveh M., ÇETİN N., Abbaspour-Gilandeh Y., Sharifian F., Szymanek M.

EUROPEAN FOOD RESEARCH AND TECHNOLOGY, vol.249, no.12, pp.3027-3041, 2023 (SCI-Expanded)

- XI. **The innovative approach to the assessment of differences in image textures between windfall apple samples dried using non-thermal and thermal techniques without and with ultrasound pretreatment**  
ÇETİN N., Ropelewska E., Sabanci K.  
EXPERT SYSTEMS WITH APPLICATIONS, vol.232, 2023 (SCI-Expanded)
- XII. **Non-destructive discrimination of vacuum-dried banana using image processing operation and machine learning approach**  
Ropelewska E., ÇETİN N., Guenaydin S.  
FOOD AND BIOPRODUCTS PROCESSING, vol.141, pp.36-48, 2023 (SCI-Expanded)
- XIII. **Exploration of Machine Learning Algorithms for pH and Moisture Estimation in Apples Using VIS-NIR Imaging**  
KAVUNCUOĞLU E., ÇETİN N., YILDIRIM B., Nadimi M., Paliwal J.  
APPLIED SCIENCES-BASEL, vol.13, no.14, 2023 (SCI-Expanded)
- XIV. **Rapid Detection of Changes in Image Textures of Carrots Caused by Freeze-Drying using Image Processing Techniques and Machine Learning Algorithms**  
Ropelewska E., Sabanci K., Aslan M. F., ÇETİN N.  
SUSTAINABILITY, vol.15, no.8, 2023 (SCI-Expanded)
- XV. **Evaluation of Image Processing Technique on Quality Properties of Chickpea Seeds (*Cicer arietinum* L.) Using Machine Learning Algorithms**  
VAROL İ. S., ÇETİN N., KIRNAK H.  
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BILIMLERI DERGISI, vol.29, no.2, pp.427-442, 2023 (SCI-Expanded)
- XVI. **Effects of gradually increasing drying temperatures on energy aspects, fatty acids, chemical composition, and in vitro ruminal fermentation of acorn**  
ÇETİN N., Ciftci B., KARA K., KAPLAN M.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.30, no.8, pp.19749-19765, 2023 (SCI-Expanded)
- XVII. **Effects of ultrasound pretreatment assisted drying methods on drying characteristics, physical and bioactive properties of windfall apples**  
Çetin N., Sağlam C.  
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, vol.103, no.2, pp.534-547, 2023 (SCI-Expanded)
- XVIII. **Machine learning based mass prediction and discrimination of chickpea (*Cicer arietinum* L.) cultivars**  
Çetin N., Özaktan H., Uzun S., Uzun O., Ciftci C. Y.  
Euphytica, vol.219, no.1, 2023 (SCI-Expanded)
- XIX. **Fatty acid composition of the seeds of two pepper varieties dried using different methods**  
PINAR H., Ciftci B., Simsek D., ÇETİN N., Kokten K., Ekmekci M., KAPLAN M.  
Rivista Italiana delle Sostanze Grasse, vol.100, no.1, pp.59-63, 2023 (SCI-Expanded)
- XX. **Drying Methods Affect the Drying Kinetics, Bioactive Characteristics and Essential Oil Composition of Lavender (*Lavandula angustifolia* Mill.) and Lavandin (*Lavandula hybrida*)**  
Dalda-Şekerci A., Çetin N., Beyzi E., Karaman K., Gülşen O.  
Journal of Essential Oil-Bearing Plants, vol.26, no.1, pp.143-160, 2023 (SCI-Expanded)
- XXI. **Effects of Hybrid Drying on Kinetics, Energy Analysis and Bioactive Properties of Sour Black Mulberry (*Morus nigra* L.)**  
ÇETİN N., Turan Sirke S., GÜRCAN K., Turkey S. N., Duman S., KARAMAN K.  
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, vol.66, 2023 (SCI-Expanded)
- XXII. **Comparative assessment of energy analysis, drying kinetics, and biochemical composition of tomato waste under different drying conditions**  
Çetin N.  
Scientia Horticulturae, vol.305, 2022 (SCI-Expanded)
- XXIII. **Prediction of moisture ratio and drying rate of orange slices using machine learning approaches**

- ÇETİN N.  
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.46, no.11, 2022 (SCI-Expanded)
- XXIV. **Using hyperspectral imaging technology and machine learning algorithms for assessing internal quality parameters of apple fruits**  
Cetin N., KARAMAN K., KAVUNCUOĞLU E., YILDIRIM B., Jahanbakhshi A.  
CHEMOMETRICS AND INTELLIGENT LABORATORY SYSTEMS, vol.230, 2022 (SCI-Expanded)
- XXV. **Machine learning algorithms to estimate drying characteristics of apples slices dried with different methods**  
SAĞLAM C., ÇETİN N.  
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.46, no.10, 2022 (SCI-Expanded)
- XXVI. **Machine Learning for Varietal Binary Classification of Soybean (Glycine max (L.) Merrill) Seeds Based on Shape and Size Attributes**  
ÇETİN N.  
Food Analytical Methods, vol.15, no.8, pp.2260-2273, 2022 (SCI-Expanded)
- XXVII. **A novel approach for low-cost construction of a mushroom greenhouse using the double layer polycarbonate and beam system**  
Sağlam C., Ada A., Çetin N.  
INTERNATIONAL JOURNAL OF AGRICULTURAL AND BIOLOGICAL ENGINEERING, vol.15, pp.1-12, 2022 (SCI-Expanded)
- XXVIII. **Rapid detection of total phenolics, antioxidant activity and ascorbic acid of dried apples by chemometric algorithms**  
ÇETİN N., SAĞLAM C.  
FOOD BIOSCIENCE, vol.47, 2022 (SCI-Expanded)
- XXIX. **Prediction of Pistachio (Pistacia vera L.) Mass Based on Shape and Size Attributes by Using Machine Learning Algorithms**  
SAĞLAM C., ÇETİN N.  
FOOD ANALYTICAL METHODS, vol.15, no.3, pp.739-750, 2022 (SCI-Expanded)
- XXX. **Biochemical composition, drying kinetics and chromatic parameters of red pepper as affected by cultivars and drying methods**  
PINAR H., ÇETİN N., Ciftci B., KARAMAN K., KAPLAN M.  
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol.102, 2021 (SCI-Expanded)
- XXXI. **Comparative Evaluation of Some Quality Characteristics of Sunflower Oilseeds (Helianthus annuus L.) Through Machine Learning Classifiers**  
ÇETİN N., KARAMAN K., BEYZİ E., SAĞLAM C., DEMİREL B.  
FOOD ANALYTICAL METHODS, vol.14, no.8, pp.1666-1681, 2021 (SCI-Expanded)
- XXXII. **Bioactive compounds and physical attributes of Cornus mas genotypes through multivariate approaches**  
Demir B., Sayinci B., SÜMBÜL A., YAMAN M., YILDIZ E., ÇETİN N., Karakaya O., ERCİŞLİ S.  
FOLIA HORTICULTURAE, vol.32, no.2, pp.189-202, 2020 (SCI-Expanded)
- XXXIII. **Determination of some physicomechanical and biochemical parameters of hazelnut (Corylus avellana L.) cultivars**  
ÇETİN N., YAMAN M., KARAMAN K., Demir B.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.44, no.5, pp.439-450, 2020 (SCI-Expanded)
- XXXIV. **Shape Discrimination of Almond Cultivars by Elliptic Fourier Descriptors**  
Demir B., Sayinci B., ÇETİN N., YAMAN M., Comlek R.  
ERWERBS-OBSTBAU, vol.61, no.3, pp.245-256, 2019 (SCI-Expanded)
- XXXV. **DETERMINATION OF SPRAY ANGLE AND FLOW UNIFORMITY OF SPRAY NOZZLES WITH IMAGE PROCESSING OPERATIONS**  
Çetin N., Sağlam C., Demir B.  
JOURNAL OF ANIMAL AND PLANT SCIENCES, vol.29, no.6, pp.1603-1615, 2019 (SCI-Expanded)
- XXXVI. **A GREENHOUSE CONSTRUCTION WITH FIBER-REINFORCED PLASTIC CHORDS AND TRIANGULAR**

## PYRAMID MODELS

Sağlam C., Güzel M., Çetin N.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, pp.9447-9452, 2018 (SCI-Expanded)

XXXVII. **Elliptic Fourier based analysis and multivariate approaches for size and shape distinctions of walnut (*Juglans regia* L.) cultivars**

Demir B., Sayinci B., ÇETİN N., YAMAN M., Comlek R., AYDIN Y., Sutyemez M.

GRASAS Y ACEITES, vol.69, no.4, 2018 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Kurutmada Termal ve Termal Olmayan Ön İşlem Uygulamaları**  
Günaydın S., Çetin N., Sağlam C.  
Bursa Uludağ Üniversitesi Ziraat Fakültesi Dergisi (Online), vol.37, no.2, pp.499-518, 2023 (Peer-Reviewed Journal)
- II. **Yoncanın Kurutulmasında Farklı Kurutma Sistemlerinin Sera Gazı Emisyonlarına Etkisi**  
Karpuzcu S., Kaplan M., Çetin N.  
TURKISH JOURNAL OF AGRICULTURAL AND NATURAL SCIENCE, vol.10, no.3, pp.615-621, 2023 (Peer-Reviewed Journal)
- III. **Elma Dilimlerinin Konvektif Kurutulmasında Enerji Özelliklerine Etki Eden Faktörlerin Yanıt Yüzeyi Yöntemi ile Değerlendirilmesi**  
ÇETİN N.  
Bursa Uludağ Üniversitesi Ziraat Fakültesi Dergisi (Online), vol.36, no.2, pp.265-283, 2022 (Peer-Reviewed Journal)
- IV. **Machine Learning Based Estimation of Drying Characteristics of Apple Slices**  
ÇETİN N.  
Current Trends in Natural Sciences, vol.11, no.22, pp.44-52, 2022 (Peer-Reviewed Journal)
- V. **Energy Aspects and Effective Moisture Diffusivity of Red Pepper: Change in Cultivars and Drying Methods**  
ÇETİN N., KAPLAN M., PINAR H., KARAMAN K., ÇİFTÇİ B.  
Current Trends in Natural Sciences, vol.11, no.22, pp.53-58, 2022 (Peer-Reviewed Journal)
- VI. **Multivariate Machine Learning Approach for Size and Shape Prediction of Sunflower Seeds**  
ÇETİN N.  
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.4, pp.2034-2044, 2022 (Peer-Reviewed Journal)
- VII. **Tarımsal Ürünlerin Kurutulmasında Kullanılan Kurutma Yöntemleri**  
GÜNAYDIN S., SAĞLAM C., ÇETİN N.  
Erciyes Tarım ve Hayvan Bilimleri Dergisi, vol.5, no.1, pp.30-45, 2022 (Peer-Reviewed Journal)
- VIII. **Projection for Plant Protection Machinery of Kayseri Province**  
ÇETİN N., DEMİR B., SAĞLAM C.  
TURKISH JOURNAL OF AGRICULTURAL ENGINEERING RESEARCH, vol.1, no.1, pp.104-110, 2020 (Peer-Reviewed Journal)
- IX. **Effects of different drying conditions on physical changes of apple (*Malus communis* L.)**  
ÇETİN N., SAĞLAM C., DEMİR B.  
MUSTAFA KEMAL UNIVERSITY JOURNAL OF AGRICULTURAL SCIENCES (MKUJAS), vol.24, pp.71-77, 2019 (Peer-Reviewed Journal)
- X. **Kurutma Koşullarının Elma ve Portakalda Renk Özelliklerine Etkisi**  
ÇETİN N.  
Avrupa Bilim ve Teknoloji Dergisi, vol.17, pp.463-470, 2019 (Peer-Reviewed Journal)
- XI. **ORGANİK VE GELENEKSEL BAHÇE TARIMINDA ENERJİ KULLANIM ETKİNLİĞİNİN BELİRLENMESİ**  
SAĞLAM C., ÇETİN N.  
Bahçe, vol.47, no.2, pp.84-90, 2018 (Peer-Reviewed Journal)

- XII. **TÜRKİYE'DE EKONOMİK OLARAK YETİŞTİRİCİLİĞİ YAPILAN SERT ÇEKİRDEKLİ MEYVELERİN ÜRETİM PROJESİYONU**  
UZUN A., YAMAN M., PINAR H., ÇETİN N., SAY A.  
Bahçe, vol.47, no.2, pp.79-83, 2018 (Peer-Reviewed Journal)
- XIII. **Türkiye'de Yetiştiriciliği Yapılan Bazı Üzümü Meyvelerin Üretim Projeksiyonu**  
YAMAN M., UZUN A., ÇETİN N., SAY A.  
Erciyes Tarım ve Hayvan Bilimleri Dergisi, vol.1, no.1, pp.19-24, 2018 (Peer-Reviewed Journal)
- XIV. **Kayseri Sulama Birlikleri İşletmelerinde Yaygın Üretim Desenine Göre Optimum Makina Boyutu ve Traktör Gücünün Belirlenmesi**  
SAĞLAM C., GERÇEK S., ÇETİN N., KARACA L.  
Süleyman Demirel Üniversitesi Ziraat fakültesi Dergisi, vol.13, no.1, pp.95-102, 2018 (Peer-Reviewed Journal)
- XV. **Kayseri İlinde Meydana Gelen Traktör ve Tarım Makinaları Kazalarının Değerlendirilmesi**  
SAĞLAM C., ÇETİN N., KUŞ Z. A.  
Gaziosmanpaşa Bilimsel Araştırma Dergisi, vol.4, pp.20-34, 2017 (Peer-Reviewed Journal)
- XVI. **Kayseri Yöresindeki Çiftçilerin Traktör Seçimi ve Satın Alma Davranışlarını Etkileyen Faktörlerin Belirlenmesi**  
SAĞLAM C., ÇETİN N.  
Uludağ Üniversitesi Ziraat Fakültesi Dergisi, vol.31, no.2, pp.109-121, 2017 (Peer-Reviewed Journal)
- XVII. **TARIMSAL BİYOKÜTLE ENERJİSİNE HAMMADDE OLUŞTURAN CEVİZİN (Juglans regia L.) ENERJİ EŞDEĞERİ**  
DEMİR B., YAMAN M., ÇETİN N.  
Bahçe, vol.46, no.2, pp.83-87, 2017 (Peer-Reviewed Journal)
- XVIII. **Görüntü İşleme Tekniği İle Yabancı Ot Renk Özelliklerinin Belirlenmesi** *Determination of Color Properties of Weed Using Image Processing*  
DEMİR B., ÇETİN N., KUŞ Z. A.  
Alın Teri Ziraat Bilimler Dergisi, vol.31, no.2, pp.59-64, 2016 (Peer-Reviewed Journal)
- XIX. **Kayseri İli Tarım Makinaları İmalat Sanayisinin Mevcut Durumu ve Sorunları** *Present Status and Problems of Agricultural Tool and Machinery Manufacturing Industry in Kayseri Province*  
SAĞLAM C., ÇETİN N.  
Gaziosmanpaşa Üniversitesi Ziraat Fakültesi Dergisi, no.33, pp.117-125, 2016 (Peer-Reviewed Journal)
- XX. **Mersin İli Tarımsal Biyokütle Enerji Eşdeğer Potansiyeli** *Agricultural Biomass Energy Equivalent Potential of Mersin Province*  
DEMİR B., KUŞ Z. A., İRİK H. A., ÇETİN N.  
Alın Teri Ziraat Bilimler Dergisi, vol.29, no.2, pp.12-18, 2015 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **MIKRODALGA KURUTMANIN MANTARLARIN KURUTMA KINETİĞİ, ENERJİ ÖZELLİKLERİ VE RENK PARAMETRELERİ ÜZERİNE ETKİSİ**  
ÇETİN N.  
in: Tarım ve Gıda Teknolojileri Konusunda Uluslararası Güncel Araştırmalar, Tunahan ERDEM, Melis ÇELİK GÜNEY, Hakan GÜNEY, Editor, AKADEMİSYEN KİTABEVİ, pp.19-40, 2023
- II. **MAKİNE ÖĞRENMESİ TABANLI ADI FIĞ (VICIA SATIVA) TOHURLARININ FİZİKSEL ÖZELLİKLERİNİN TAHMİNİ VE SINIFLANDIRILMASI**  
ÇETİN N., OKUMUŞ O.  
in: Tarım ve Gıda Teknolojileri Konusunda Uluslararası Güncel Araştırmalar, Tunahan ERDEM, Melis ÇELİK GÜNEY, Hakan GÜNEY, Editor, AKADEMİSYEN KİTABEVİ, pp.41-61, 2023
- III. **TARIMSAL MEKANİZASYONUN DURUMU VE SORUNLARI**  
Sağlam C., Çetin N., Günaydın S.  
in: FARKLI YAKLAŞIMLARLA TARIMA YENİDEN BAKIŞ, Haspolat Y.K., Gül İ., Satar A., Editor, Orient Yayınları, Ankara,



pp.242-260, 2022

IV. "STRATEJİK PLANLAMA VE KIRSAL KALKINMA"

Demir B., Çetin N.

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JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Journal Indexed in SCI-E, September 2021  
EUROPEAN FOOD RESEARCH AND TECHNOLOGY, Journal Indexed in SCI-E, June 2021  
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Journal Indexed in SCI-E, May 2021  
FOOD ANALYTICAL METHODS, Journal Indexed in SCI-E, April 2021  
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Journal Indexed in SCI-E, March 2021  
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Journal Indexed in SCI-E, January 2021  
TARIM BILIMLERI DERGISI, Journal Indexed in SCI-E, June 2020  
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Journal Indexed in SCI-E, May 2020  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, Journal Indexed in ESCI, April 2020  
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Journal Indexed in SCI-E, April 2020  
JOURNAL OF AGRICULTURAL SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, February 2020  
JOURNAL OF ANIMAL AND PLANT SCIENCES, Journal Indexed in SCI-E, December 2019

## Tasks In Event Organizations

Çetin N., 15th International Congress on Agricultural Mechanization and Energy in Agriculture – ANKAEng'2023, Scientific Congress, Antalya, Turkey, Kasım 2023

Çetin N., 1st International Erciyes Agriculture, Animal & Food Sciences Conference, Scientific Congress, Kayseri, Turkey, Nisan 2019

## Congress and Symposium Activities

6th International Conference on Engineering Technologies (ICENTE 2022) , Attendee, Konya, Turkey, 2022

2nd International Conference on Research of Agriculture and Food Technologies , Attendee, Adana, Turkey, 2022

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

International Scientific Symposium Current Trends in Natural Sciences , Attendee, Pitesti, Romania, 2022

CISSET - 2nd Cilicia International Symposium on Engineering and Technology , Attendee, Mersin, Turkey, 2019

1st International Congress on Biosystems Engineering (ICOBEN2019) , Attendee, Hatay, Turkey, 2019

International Erciyes Agriculture, Animal Food Sciences Conference , Attendee, Kayseri, Turkey, 2019

Anadolu I. Uluslararası Multidisipliner Çalışmalar Kongresi, Attendee, Diyarbakır, Turkey, 2018

IV. Uluslararası Mesleki ve Teknik Bilimler Kongresi, Attendee, Erzurum, Turkey, 2018

International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2018), Attendee, Ankara, Turkey, 2018

3rd International Mediterranean Science and Engineering Congress , Attendee, Adana, Turkey, 2018

1st International GAP Agriculture and Livestock Congress, Attendee, Şanlıurfa, Turkey, 2018

International Conference on Technology, Engineering and Science (IConTES) , Attendee, Antalya, Turkey, 2017

3rd International Conference On Environmental Science And Technology, Attendee, Budapest, Hungary, 2017

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

2. Ulusal Biyosistem Mühendisliği Kongresi, Attendee, Tokat, Turkey, 2017

International Conference on Agriculture, Forest, Food Sciences and Technologies, Attendee, Nevşehir, Turkey, 2017

AL-FARABI 1st International Congress on Social Sciences, Attendee, Gaziantep, Turkey, 2017

1. International Congress on Vocational and Technical Sciences, Attendee, Batumi, Georgia, 2017

The 1st International Conference on Alternative Fuels: Future and Challenges , Attendee, Kayseri, Turkey, 2016

International Conference on Sustainable Development (ICSD) , Attendee, Skopje, Macedonia, 2016

International Erzincan Symposium , Attendee, Erzincan, Turkey, 2016

## **Awards**

Çetin N., En İyi Sözlü Sunum, Al-Farabi, May 2017