

## Assoc. Prof. NECATİ ÇETİN



### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: A-1370-2018

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 Otunun 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., Limon Meyvesinde Kurutma Karakteristiklerinin Makine Öğrenmesi İle Tahminlenmesi, Postgraduate,

S.Can(Student), Continues

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. **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)
- II. **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)
- III. **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)
- IV. **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)
- V. **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)
- VI. **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)
- VII. **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)
- VIII. **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)
- IX. **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, 2023 (SCI-Expanded)
- X. **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)

- XI. **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 BİLİMLERİ DERGİSİ, vol.29, no.2, pp.427-442, 2023 (SCI-Expanded)
- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **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)
- XVII. **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., Turkay S. N., Duman S., KARAMAN K.  
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, vol.66, 2023 (SCI-Expanded)
- XVIII. **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)
- XIX. **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)
- XX. **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)
- XXI. **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)
- XXII. **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)
- XXIII. **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)

- XXIV. **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)
- XXV. **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)
- XXVI. **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)
- XXVII. **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)
- XXVIII. **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)
- XXIX. **Determination of some physicochemical 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)
- XXX. **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)
- XXXI. **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)
- XXXII. **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)
- XXXIII. **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.38, pp.1-15, 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 Üzüksü 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 Davranışlarının 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.  
in: KENT STRATEJİSİ "SİLİFKE", SAYGIN M., DEMİR B., DEMİR Ü., YILDIZ N.Ö., Editor, Eğitim Kitabevi, Mersin, pp.75-83, 2017

## Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of Different Drying Temperatures on CO2 Emissions in Acorn Drying**  
KAPLAN M., ÇETİN N., Günaydın S.  
15th International Congress on Agricultural Mechanization and Energy in Agriculture, ANKAgEng 2023, Antalya, Turkey, 29 October - 01 November 2023, vol.458 LNCE, pp.94-101
- II. **Microwave Assisted Convective Drying Effect on Drying Time, Energy, Quality and Bioactive Compounds of the Cantaloupe**  
Kaveh M., Çetin N., Abbaspour- Gilandeh Y., Saçılık K., Zadhossein S.

15th International Congress on Agricultural Mechanization and Energy in Agriculture – ANKAgEng'2023, Antalya, Turkey, 29 October - 01 November 2023, vol.1, pp.43

- III. **Prediction of the Kinetics of Drying Rheum ribes L. by an Infrared- Convective Dryer Using Artificial Neural Network and ANFIS**  
Kaveh M., Çetin N., Shatifian F., Saçılık K., Keramt S.  
15th International Congress on Agricultural Mechanization and Energy in Agriculture – ANKAgEng'2023, Antalya, Turkey, 29 October - 01 November 2023, vol.1, pp.44
- IV. **Effect of Different Drying Temperatures on CO2 Emissions in Acorn Drying**  
Kaplan M., Çetin N., Günaydın S.  
15th International Congress on Agricultural Mechanization and Energy in Agriculture – ANKAgEng'2023, Antalya, Turkey, 29 October - 01 November 2023, vol.1, pp.42
- 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 International Symposium, Pitesti, Romania, 19 - 21 May 2022, vol.11, pp.1-10
- VI. **MACHINE LEARNING BASED ESTIMATION OF DRYING CHARACTERISTICS OF APPLE SLICES**  
ÇETİN N.  
CURRENT TRENDS IN NATURAL SCIENCES International Symposium, Pitesti, Romania, 19 - 21 May 2022, vol.11, pp.1-10
- VII. **Analysis of drying characteristics of dried damson plum by microwave drying**  
ÇETİN N., ALSAN B., İVECAN S.  
6th International Conference on Engineering Technologies (ICENTE 2022), Konya, Turkey, 17 - 19 November 2022, pp.92-96
- VIII. **The effect of gradually increasing microwave power on the drying kinetics, color parameters and energy aspects of carrots**  
ÇETİN N., GÜNAYDIN S.  
6th International Conference on Engineering Technologies (ICENTE 2022), Konya, Turkey, 17 - 19 November 2022, pp.97-102
- IX. **MIKRODALGA KURUTMANIN MANTARLARIN KURUTMA KINETİĞİ, ENERJİ ÖZELLİKLERİ VE RENK PARAMETRELERİ ÜZERİNE ETKİSİ**  
ÇETİN N.  
2nd International Conference on Research of Agriculture and Food Technologies. ICRAFT, Adana, Turkey, 6 - 07 October 2022, pp.20-40
- X. **Farklı Hasat Dönemlerinin Çerezlik Kabak Verimi ve Kalitesi Üzerine Etkisi**  
SAĞLAM C., ÇETİN N., KIYAK D. A., ÜNLÜKARA A.  
34. Ulusal Tarımsal Mekanizasyon ve Enerji Kongresi, Bilecik, Turkey, 07 September 2022, vol.1, pp.189-204
- XI. **Kuru Tarım Koşullarında Çerezlik Kabak Üretiminde Farklı Toprak İşleme Sistemlerinin Çimlenme Oranına ve Yakıt Tüketimine Etkisi**  
SAĞLAM C., KIYAK D. A., ÇETİN N.  
34. Ulusal Tarımsal Mekanizasyon ve Enerji Kongresi, Bilecik, Turkey, 07 September 2022, vol.1, pp.128-137
- XII. **EFFECT OF PRE-TREATMENTS ASSISTED MICROWAVE DRYING ON KINETICS AND ENERGY ASPECTS OF DRAGON FRUIT**  
ÇETİN N., GÜNAYDIN S., KARAMAN K., SAĞLAM C.  
CURRENT TRENDS IN NATURAL SCIENCES International Symposium, Pitesti, Romania, 19 - 21 May 2022, vol.11, pp.79-87
- XIII. **EVALUATION OF GGE OF DIFFERENT PROCESS FOR DRYING ORANGE SLICES**  
GÖKALP Z., ÇETİN N.  
CURRENT TRENDS IN NATURAL SCIENCES International Symposium, Pitesti, Romania, 19 - 21 May 2022, vol.11, pp.170-175
- XIV. **A PROJECTION FOR PLANT PROTECTION MACHINERY OF KAYSERİ PROVINCE**

ÇETİN N., DEMİR B.

International Erciyes Agriculture, Animal Food Sciences Conference, 24 - 27 April 2019

- XV. **DETERMINATION OF THE NUMBER OF WORKING DAYS AND ANNUAL WORKING TIME OF TRACTORS USED IN PLANT PRODUCTION PROCESSES IN KAYSERİ PROVINCE**  
SAĞLAM C., ÇETİN N.  
International Erciyes Agriculture, Animal Food Sciences Conference, 24 - 27 April 2019
- XVI. **DETERMINATION OF OPERATIONAL PARAMETERS FOR MECHANIZATION PROCESSESIN PUMPKIN SEED PRODUCTION IN KAYSERİ CONDITIONS**  
SAĞLAM C., ÇETİN N.  
International Erciyes Agriculture, Animal Food Sciences Conference, 24 April 2019
- XVII. **DETERMINATION OF THE SHAPE AND COLOR CHARACTERISTICS IN DIFFERENT DRYING CONDITIONS OF ORANGE (CİTRUS SİNENSİS)**  
ÇETİN N., KARAMAN K., DEMİR B., SAĞLAM C.  
International Erciyes Agriculture, Animal Food Sciences Conference, 24 - 27 April 2019
- XVIII. **AGRICULTURAL OPERATIONS ON PILOT GREENHOUSE ENTERPRISES IN KUMLUCA DISTRICT OF ANTALYA**  
ÇETİN N., SAĞLAM C.  
International Erciyes Agriculture, Animal Food Sciences Conference, 24 - 27 April 2019
- XIX. **DETERMINATION OF SPRAY ANGLE IN SPRAYER NOZZLES USINGCOMPUTER VISION TECHNIQUE**  
TOPRAK A. N., SAYINCI B., DEMİR B., KÖYLÜ F., ÇETİN N.  
CİSET - 2nd Cilicia International Symposium on Engineering and Technology, Mersin, Turkey, 10 - 12 October 2019
- XX. **Determination of Biomass Energy Equivalent of Apple (Malus communis L.) inKayseri Province**  
ÇETİN N., SAĞLAM C., DEMİR B.  
1st International Congress on Biosystems Engineering (ICOBEN2019), Hatay, Turkey, 24 - 27 September 2019
- XXI. **Determination of Basic Parameter Values for Agricultural Mechanization Level of Agricultural Enterprises in Selçuk District of Izmir Province**  
SAĞLAM C., ÇETİN N.  
1st International Congress on Biosystems Engineering (ICOBEN2019), Hatay, Turkey, 24 - 27 September 2019
- XXII. **Determination of Optimum Machine Capacity and Tractor Power in Kayseri Irrigated Agricultural Conditions**  
SAĞLAM C., ÇETİN N.  
1st International Congress on Biosystems Engineering (ICOBEN2019), Hatay, Turkey, 24 July - 27 September 2019
- XXIII. **YAĞLIK AYÇİÇEĞİ (Helianthus annuus L.) TOHUMLARININ BAZI FİZİKSEL ÖZELLİKLERİ**  
ÇETİN N., SAĞLAM C., BALIK H. H., GÜÇKAN G. N., AŞIK Y. C.  
ANADOLU I. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, Diyarbakır, Turkey, 28 - 29 December 2018, pp.961-963
- XXIV. **GELENEKSEL VE KORUYUCU TOPRAK İŞLEME SİSTEMLERİNDE ENERJİ KULLANIMI**  
ÇETİN N., SAĞLAM C.  
ANADOLU I. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, Diyarbakır, Turkey, 28 - 29 December 2018, pp.951-960
- XXV. **DİYARBAKIR İLİNDE TARIMSAL MEKANİZASYONDAKİ GELİŞMELERİN MEVCUT DURUMU**  
ÇETİN N., SAĞLAM C.  
ANADOLU I. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, Diyarbakır, Turkey, 28 - 29 December 2018, pp.946-950
- XXVI. **ÇEREZLİK KABAK ÜRETİMİNDE ENERJİ ETKİNLİĞİNİN BELİRLENMESİ ÜZERİNE BİR ARAŞTIRMA**  
SAĞLAM C., ÇETİN N.  
IV. ULUSLARARASI MESLEKİ VE TEKNİK BİLİMLER KONGRESİ, Erzurum, Turkey, 7 - 09 December 2018, pp.2070-2076
- XXVII. **DETERMINATION OF OPTIMUM PRODUCT DESIGN FOR PLANT PRODUCTION SYSTEM ACCORDING TO DIFFERENT MACHINE SETS IN KAYSERİ PROVINCE**  
SAĞLAM C., ÇETİN N.

- IV. ULUSLARARASI MESLEKİ VE TEKNİK BİLİMLER KONGRESİ, Erzurum, Turkey, 7 - 09 December 2018, pp.2077-2083
- XXVIII. **CAM-ELYAF TAKVİYELİ POLYESTER İLE OLUŞTURULAN SERA TASARIMI**  
SAĞLAM C., GÜZEL M., ÇETİN N.  
IV. ULUSLARARASI MESLEKİ VE TEKNİK BİLİMLER KONGRESİ, Erzurum, Turkey, 7 - 09 December 2018, pp.2084-2088
- XXIX. **SERALARIN ISITILMASINDA JEOTERMAL ENERJİNİN KULLANIM OLANAKLARI**  
ÇETİN N., SAĞLAM C.  
IV. ULUSLARARASI MESLEKİ VE TEKNİK BİLİMLER KONGRESİ, Erzurum, Turkey, 7 - 09 December 2018, pp.2089-2097
- XXX. **Çerezlik kabak üretiminde kullanılan ekim ve hasat makinalarının işletme performanslarının belirlenmesi**  
SAĞLAM C., ÇETİN N.  
International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2018), Ankara, Turkey, 22 - 23 November 2018, pp.1979-1986
- XXXI. **Organik Tarım ve Geleneksel Tarım Sistemlerinde Sera Gazı Emisyonu**  
SAĞLAM C., ÇETİN N.  
International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2018), Ankara, Turkey, 22 - 23 November 2018, pp.1987-1997
- XXXII. **Mersin İlinin Hayvansal Atıklardan Biyogaz ve Elektrik Enerjisi Üretim Potansiyeli**  
DEMİR B., SAĞLAM C., ÇETİN N., BÜYÜKKILIÇ BEYZİ S.  
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.1589-1591
- XXXIII. **Pülverizatör Memelerinde Püskürtme Açısı Değişimlerinin Görüntü İşleme Yöntemiyle Belirlenmesi**  
ÇETİN N., SAĞLAM C., DEMİR B.  
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.1592-1596
- XXXIV. **Çift Tabaka Polikarbon ve Poliüretan Köpük Kullanarak Mantar Serası Oluşturulması**  
SAĞLAM C., ÇETİN N.  
INTERNATIONAL AGRICULTURE CONGRESS, Găgăuzia, Moldova, 03 May 2018
- XXXV. **Projections for Productions Some Nuts Fruit Commonly Grown in Turkey**  
YAMAN M., UZUN A., PINAR H., SAY A., ÇETİN N., YİĞİT M. A.  
1st INTERNATIONAL GAP AGRICULTURE AND LIVESTOCK CONGRESS, Şanlıurfa, Turkey, 25 April 2018, vol.1, pp.277-280
- XXXVI. **Determination of Livestock Waste-Based Biogas Energy Potential of Kayseri Province**  
ÇETİN N., SAĞLAM C., DEMİR B., BÜYÜKKILIÇ BEYZİ S.  
1st INTERNATIONAL GAP AGRICULTURE AND LIVESTOCK CONGRESS, Şanlıurfa, Turkey, 25 April 2018
- XXXVII. **ASSESSMENT OF GEOTHERMAL ENERGY USE IN GREENHOUSES**  
SAĞLAM C., ÇETİN N.  
International Conference on Technology, Engineering and Science (IConTES), Antalya, Turkey, 26 - 29 October 2017, pp.84
- XXXVIII. **ENERGY USE IN ORGANIC AND CONVENTIONAL FARMING SYSTEMS**  
SAĞLAM C., ÇETİN N., GERÇEK S.  
3RD INTERNATIONAL CONFERENCE ON ENVIRONMENTAL SCIENCE AND TECHNOLOGY, Budapest, Hungary, 19 - 23 October 2017, pp.184
- XXXIX. **ENERGY USE IN CONVENTIONAL AND CONSERVATION TILLAGE SYSTEMS**  
SAĞLAM C., ÇETİN N.  
3RD INTERNATIONAL CONFERENCE ON ENVIRONMENTAL SCIENCE AND TECHNOLOGY, Budapest, Hungary, 19 - 23 October 2017, pp.210
- XL. **A Comparison of Greenhouse Gas Emissions from Organic Farming and Conventional Farming Systems**

SAĞLAM C., ÇETİN N.

13th International Congress on Mechanization and Energy in Agriculture International Workshop on Precision Agriculture, İzmir, Turkey, 13 - 15 October 2017, pp.91

- XLII. **Optical Sensing Methods in Weed Detection**  
DEMİR B., ÇETİN N.  
International Conference on Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 17 May 2017, pp.284
- XLIII. **Production Projection of Some Berry Fruits Cultivated in Turkey**  
ÇETİN N., YAMAN M., SAY A.  
International Conference on Agriculture, Forest, Food Sciences and Technologies, Nevşehir, Turkey, 15 - 17 May 2017, pp.165
- XLIII. **THE USE OF TECHNOLOGY IN AGRICULTURAL MECHANIZATION IN GAZIANTEP PROVINCE**  
SAĞLAM C., GERÇEK S., ÇETİN N., VAROL İ. S.  
AL-FARABI 1st International Congress on Social Sciences, Gaziantep, Turkey, 11 - 14 May 2017, pp.266
- XLIV. **SOCIAL AND ECONOMIC AFFECT OF LAND CONSOLIDATION**  
GERÇEK S., İRİK H. A., VAROL İ. S., ÇETİN N.  
AL-FARABI 1st International Congress on Social Sciences, Gaziantep, Turkey, 11 - 14 May 2017
- XLV. **OTTOMAN EMPIRE IRRIGATION NETWORKS: KONYA PLAIN IRRIGATION PROJECT EXAMPLE**  
GERÇEK S., İRİK H. A., VAROL İ. S., ÇETİN N.  
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- XLVI. **SULAMA BİRLİKLERİNİN ÇALIŞMA PRENSİPLERİ, PROBLEMLERİ VE ÇÖZÜM ÖNERİLERİ: KAYSERİ SARIMSAKLI POMPAJ SULAMA BİRLİĞİ ÖRNEĞİ**  
GERÇEK S., KARACA L., SAĞLAM C., ÇETİN N.  
1th International Congress On Vacational and Technical Sciences (UMTEB-I), Batumi, Georgia, 8 - 10 April 2017, pp.138
- XLVII. **KAYSERİ'DE BULUNAN SULAMA BİRLİKLERİNDEKİ ARAZİBÜYÜKLÜKLERİNE GÖRE OPTİMUM TRAKTÖR GÜCÜ VE MAKİNE KAPASİTESİNİN BELİRLENMESİ**  
SAĞLAM C., GERÇEK S., ÇETİN N., KARACA L.  
1th International Congress On Vacational and Technical Sciences (UMTEB-I), Batumi, Georgia, 8 - 10 April 2017, pp.154
- XLVIII. **USE OF ENERGY PRODUCED BY SOLAR PANELS FROM RAIN DROPS**  
ÇETİN N.  
The 1st International Conference on Alternative Fuels: Future and Challenges (ICAF'16), Kayseri, Turkey, 2 December - 04 October 2016
- XLIX. **Evaluation of poultry litter as a fuel**  
BÜYÜKKILIÇ BEYZİ S., ÇETİN N., KONCA Y.  
The 1st International Conference on Alternative Fuels: Future and Challenges (ICAF'16), Kayseri, Turkey, 2 December - 04 October 2016
- L. **Some Physical Properties of Cemre Triticumaestivum L and Saricanak 98 Triticum durumDesf Wheat Seeds**  
SAĞLAM C., ÇETİN N.  
International Conference on Sustainable Development (ICSD), Skopje, Macedonia, 19 - 23 October 2016, pp.145-152
- LI. **ERZİNCAN İLİNİN TARIMSAL KÖKENLİ BİYOKÜTLEENERJİ EŞDEĞER POTANSİYELİ**  
DEMİR B., ÇETİN N., KUŞ Z. A., KUŞ E.  
ULUSLARARASI ERZİNCAN SEMPOZYUMU, Erzincan, Turkey, 28 September - 01 October 2016, vol.3, pp.641-646

## Supported Projects

Çetin N., TUBITAK Project, Türkiye Tarımsal Üretiminde Küresel İklim Değişikliğine Uyumlu Sürdürülebilir Tarım

Teknolojileri Platformu (S-Atp) , 2023 - 2027

Özbey B., Çetin N., Aktaş A., Saçılık K., TUBITAK Project, Tahribatsız Tahıl Nemi Ölçülmesinin Entegre Yönetimi:

Sürdürülebilir Nem Ölçümü İçin Dijital Tarım Çözümü, 2024 - 2026

Çetin N., Sağlam C., Toprak A. N., Dalda Şekerci A., Yetişir H., Ünlükara A., Hancı F., TUBITAK Project, Domateste Dolu Zararının Simüle Edilerek Fenolojik Dönemlere Göre Zarar Oranlarının Derin Öğrenme Yöntemiyle Belirlenmesi , 2022 - 2025

Sağlam C., Çetin N., Karaman K., Project Supported by Higher Education Institutions, Pitaya meyvesinde termal ve nontermal ön işlemlerin kurutma kinetiği enerji özellikleri ve biyokimyasal karakteristikleri üzerine etkisinin belirlenmesi, 2022 - 2023

Demirel B., Çetin N., Akpınar S., Project Supported by Higher Education Institutions, Görüntü İşleme Teknikleri Kullanılarak Tarımsal Artıklardan Elde Edilen Peletlerin Bazı Pelet Karakteristiklerinin Belirlenmesi, 2022 - 2023

Pınar H., Çetin N., Çiftçi B., Project Supported by Higher Education Institutions, Domates Çeşitlerinin Besinsel Özelliklerine ve Kurutma Kinetiğine Farklı Kurutma Yöntemlerinin Etkisi, 2021 - 2023

Demirel B., Çetin N., Ekinci K., Gürdil G. A. K., Beyzi E., Project Supported by Higher Education Institutions, Pelet Formunda Katı Biyoyakıt ve Biyogübre Elde Edilebilmesi için Küçük ve Orta İşletmelere Yönelik Bir Pelet Makinasının Geliştirilmesi , 2021 - 2023

Kaplan M., Çetin N., Karpuzcu S., Project Supported by Higher Education Institutions, Farklı Koşullarda Kurutulan Yonca Otunun Yem Kalite Özelliklerinin Belirlenmesi, 2021 - 2023

Beyzi E., Çetin N., Özgen Y., Project Supported by Higher Education Institutions, Farklı Lokasyonda Yetiştirilen Tıbbi Adaçayı (*Salvia officinalis* L.) Bitkisinin Önemli Teknolojik Özellikleri Üzerine Kurutma Koşullarının Etkileri, 2021 - 2023

Çetin N., Kaplan M., Kara K., Çiftçi B., Project Supported by Higher Education Institutions, Kurutma Sıcaklığının Meşe Palamudunun Yem Kalite Özellikleri Üzerine Etkisi, 2021 - 2022

Sağlam C., Çetin N., Project Supported by Higher Education Institutions, Farklı Kurutma Koşullarının Dip Elmalarında (*Malus communis* L.) Fiziko-Mekanik ve Biyokimyasal Özelliklere Etkisi, 2020 - 2022

Özaktan H., Uzun S., Uzun O., Çiftçi C. Y., TUBITAK Project, Nohut ve Fasulye Tohumlarına Ait Bazı Fiziksel Özelliklerin Görüntü İşleme Tekniği ile Belirlenerek Mineral, Morfolojik ve Teknolojik Özelliklerle İlişkilendirilmesi, 2019 - 2021

Demir B., Çetin N., Project Supported by Higher Education Institutions, Görüntü İşleme Tabanlı Meyve Ağırlığı Tahmininde Farklı Yapay Sinir Ağları Yaklaşımı, 2018 - 2019

Demir B., Çetin N., Sayıncı B., Toprak A. N., Köylü F., Project Supported by Higher Education Institutions, Pülverizatör Memelerinde Püskürtme Açısının Sensör Tabanlı Kontrol Sistemiyle Tespit Edilmesi ve İşletme Parametrelerinin Hacimsel Dağılıma olan Etkisinin Doğrusal Hareketli Püskürtme Simülatörüyle Belirlenmesi, 2017 - 2019

Kırnak H., Demir B., Çetin N., Project Supported by Higher Education Institutions, Tam Otomasyonlu Model Bir Sera Tasarımı, 2015 - 2016

## Activities in Scientific Journals

TURKISH JOURNAL OF AGRICULTURAL ENGINEERING RESEARCH, Technical Redactor, 2020 - 2022

## Scientific Refereeing

European Food Science and Engineering, Other Indexed Journal, December 2023

JOURNAL OF AGRICULTURE AND FOOD RESEARCH, Journal Indexed in ESCI, December 2023

Türk Tarım ve Doğa Bilimleri Dergisi, National Scientific Refreed Journal, November 2023

15th International Congress on Agricultural Mechanization and Energy in Agriculture – ANKAEng'2023, Conference Paper (Abstract), October 2023

15th International Congress on Agricultural Mechanization and Energy in Agriculture – ANKAEng'2023, Conference Paper (Abstract), September 2023

JOURNAL OF AGRICULTURE AND FOOD RESEARCH, Journal Indexed in ESCI, August 2023

15th International Congress on Agricultural Mechanization and Energy in Agriculture – ANKAEng'2023, Conference

Paper (Abstract), August 2023

Black Sea Journal of Agriculture, National Scientific Refreed Journal, July 2023

Journal of Power Sources Advances , Other Indexed Journal, January 2023

Turkish Journal of Agriculture - Food Science and Technology, National Scientific Refreed Journal, January 2023

EUROPEAN FOOD RESEARCH AND TECHNOLOGY, Journal Indexed in SCI-E, December 2022

European Food Science and Engineering, National Scientific Refreed Journal, December 2022

SENSORS, Journal Indexed in SCI-E, November 2022

TURKISH JOURNAL OF AGRICULTURAL ENGINEERING RESEARCH, National Scientific Refreed Journal, November 2022

AGRICULTURE, Journal Indexed in SCI-E, November 2022

TURKISH JOURNAL OF AGRICULTURAL ENGINEERING RESEARCH, National Scientific Refreed Journal, October 2022

JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, September 2022

SENSORS, Journal Indexed in SCI-E, September 2022

FOOD CONTROL, Journal Indexed in SCI-E, August 2022

JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Journal Indexed in SCI-E, August 2022

JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, August 2022

JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Journal Indexed in SCI-E, July 2022

SENSORS, Journal Indexed in SCI-E, July 2022

FOOD CONTROL, Journal Indexed in SCI-E, June 2022

JOURNAL OF FOOD PROCESSING AND PRESERVATION, Journal Indexed in SCI-E, May 2022

JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Journal Indexed in SCI-E, May 2022

TURKISH JOURNAL OF AGRICULTURAL ENGINEERING RESEARCH, National Scientific Refreed Journal, May 2022

BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, Journal Indexed in SCI-E, April 2022

EUROPEAN FOOD RESEARCH AND TECHNOLOGY, Journal Indexed in SCI-E, April 2022

BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, Journal Indexed in SCI-E, March 2022

EUROPEAN FOOD RESEARCH AND TECHNOLOGY, Journal Indexed in SCI-E, February 2022

JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Journal Indexed in SCI-E, February 2022

JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, Journal Indexed in SCI-E, December 2021

FOOD ANALYTICAL METHODS, Journal Indexed in SCI-E, November 2021

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 Vacation 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