

Assoc. Prof. NECATİ ÇETİN

Personal Information

Office Phone: [+90 352 207 6666](tel:+903522076666) Extension: 38533

Fax Phone: [+90 352 437 6209](tel:+903524376209)

Email: necaticetin@erciyes.edu.tr

Other Email: necaticetin1990@gmail.com

Web: <https://avesis.erciyes.edu.tr/necaticetin>

International Researcher IDs

ScholarID: _8VT4nkAAAAJ

ORCID: 0000-0001-8524-8272

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

ScopusID: 57204595476

Yoksis Researcher ID: 238709

Education Information

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

Postgraduate, Erciyes University, Ziraat Fakültesi, Biyosistem Mühendisliği, Turkey 2016 - 2018

Postgraduate, University of Technology and Life Sciences, Faculty of Agriculture and Biotechnology, Agricultural Engineering, Poland 2013 - 2014

Undergraduate, Gaziosman Paşa Üniversitesi, Ziraat Fakültesi, Tarım Makinaları, 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, Determination of the Effects of Different Drying Methods on Drying of Apple Cultivars and Comparison of Artificial Intelligence Algorithms, Erciyes University, Ziraat Fakültesi, Biyosistem Mühendisliği, 2021

Postgraduate, Determination of Spraying Angle and Flow Evenness in Pulverizator Nozzles by Image Processing Operation, Erciyes University, Biyosistem Mühendisliği, 2017

Research Areas

Farm Machinery, Greenhouse Mechanization, Energy Use in Agriculture, Computer Vision, Artificial Intelligence,

Academic Titles / Tasks

Research Assistant PhD, Erciyes University, Ziraat Fakültesi, Biyosistem Mühendisliği, 2015 - Continues

Academic and Administrative Experience

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

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

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

Courses

Bitirme Çalışması, Undergraduate, 2021 - 2022

Malzeme Bilgisi, Undergraduate, 2021 - 2022

Mesleki Uygulama, Undergraduate, 2021 - 2022

Kariyer Planlama, Undergraduate, 2021 - 2022

Tarım Alet ve Makinaları, Undergraduate, 2021 - 2022

İçsel Tarım Mekanizasyonu, Undergraduate, 2021 - 2022

Bitirme Çalışması, Undergraduate, 2021 - 2022

Mesleki Uygulama, Undergraduate, 2021 - 2022

Advising Theses

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

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

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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.
Tarım Bilimleri Dergisi, vol.29, no.2, pp.427-442, 2023 (SCI-Expanded)
- II. **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)
- III. **Effects of ultrasound pre-treatment 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)
- IV. **Using hyperspectral imaging technology and machine learning algorithms for assessing internal quality parameters of apple fruits**
Çetin N., Karaman K., Kavuncuoğlu E., Yıldırım B., Jahanbakhshi A.

CHEMOMETRICS AND INTELLIGENT LABORATORY SYSTEMS, vol.229, pp.1-13, 2022 (SCI-Expanded)

- V. **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)
- VI. **Prediction of moisture ratio and drying rate of orange slices using machine learning approaches**
Çetin N.
JOURNAL OF FOOD PROCESSING AND PRESERVATION, pp.1-11, 2022 (SCI-Expanded)
- VII. **Comparative assessment of energy analysis, drying kinetics, and biochemical composition of tomato waste under different drying conditions**
Çetin N.
SCIENTIA HORTICULTURAE AN INTERNATIONAL JOURNAL, vol.305, pp.1-10, 2022 (SCI-Expanded)
- VIII. **Machine Learning for Varietal Binary Classification of Soybean (Glycine max (L.) Merrill) Seeds Based on Shape and Size Attributes**
Çetin N.
FOOD ANALYTICAL METHODS, vol.15, pp.2260-2273, 2022 (SCI-Expanded)
- IX. **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)
- X. **Rapid detection of total phenolics, antioxidant activity and ascorbic acid of dried apples by chemometric algorithms**
Çetin N., Sağlam C.
Food Bioscience, vol.101670, pp.1-12, 2022 (SCI-Expanded)
- XI. **Prediction of Pistachio (Pistacia vera L.) Mass Based on Shape and Size Attributes by Using Machine Learning Algorithms**
Sağlam C., Çetin N.
FOOD ANALYTICAL METHODS, vol.15, no.3, pp.739-750, 2022 (SCI-Expanded)
- XII. **Fatty Acid Composition of Seeds of Two Pepper Varieties Dried by Different Methods**
Pınar H., Çiftçi B., Şimşek D., Çetin N., Kökten K., Kaplan M., Ekmekçi M.
Progress In Nutrition, vol.2, pp.1-7, 2022 (SCI-Expanded)
- XIII. **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)
- XIV. **Comparative Evaluation of Some Quality Characteristics of Sunflower Oilseeds (Helianthus annuus L.) Through Machine Learning Classifiers**
Çetin N., Karaman K., Beyzi E., Sağlam C., Demirel B.
FOOD ANALYTICAL METHODS, vol.14, no.8, pp.1666-1681, 2021 (SCI-Expanded)
- XV. **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)
- XVI. **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)
- XVII. **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)
- XVIII. **Shape Discrimination of Almond Cultivars by Elliptic Fourier Descriptors Unterscheidung der Fruchtform von verschiedenen Mandelsorten mit Hilfe von elliptischen Fourier-Deskriptoren**
Demir B., Sayıncı B., Çetin N., Yaman M., Çömlek R.
Erwerbs-Obstbau, vol.61, no.3, pp.245-256, 2019 (SCI-Expanded)
- XIX. **Elliptic Fourier based analysis and multivariate approaches for size and shape distinctions of walnut (*Juglans regia* L.) cultivars**
Demir B., Sayıncı B., Çetin N., Yaman M., Çömlek R., Aydın Y., Sütyemez M.
GRASAS Y ACEITES, vol.69, 2018 (SCI-Expanded)
- XX. **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)

Articles Published in Other Journals

- I. **Multivariate Approaches for the Determination of Size and Shape Properties of Sunflower Seeds**
Çetin N.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.4, pp.1-12, 2022 (Peer-Reviewed Journal)
- II. **Elma Dilimlerinin Konvektif Kurutulmasında Enerji Özelliklerine Etki Eden Faktörlerin Yanıt Yüzeyi Yöntemi ile Değerlendirilmesi**
Çetin N.
Bursa Uludağ Üniversitesi Ziraat Fakültesi Dergisi (Online), vol.36, no.2, pp.1-14, 2022 (Peer-Reviewed Journal)
- III. **EVALUATION OF GGE OF DIFFERENT PROCESS FOR DRYING ORANGE SLICES**
Gökalep Z., Çetin N.
Current Trends in Natural Sciences, vol.11, no.21, pp.170-175, 2022 (Peer-Reviewed Journal)
- IV. **EFFECT OF PRE-TREATMENTS ASSISTED MICROWAVE DRYING ON KINETICS AND ENERGY ASPECTS OF DRAGON FRUIT**
Çetin N., Günaydın S., Karaman K., Sağlam C.
Current Trends in Natural Sciences , vol.11, no.21, pp.79-87, 2022 (Peer-Reviewed Journal)
- V. **Projection for Plant Protection Machinery of Kayseri Province**
Çetin N., Demir B., Sağlam C.
Turkish Journal of Agricultural Engineering Research, vol.1, no.1, pp.104-110, 2020 (Peer-Reviewed Journal)
- VI. **Effects of different drying conditions on physical changes of apple (*Malus communis* L.)**
Çetin N., Sağlam C., Demir B.
Mustafa Kemal Üniversitesi tarım bilimleri dergisi (online), vol.24, pp.71-77, 2019 (Peer-Reviewed Journal)
- VII. **Effect of Drying Conditions on Color Properties of Apples and Oranges**
Çetin N.
Avrupa Bilim ve Teknoloji Dergisi, no.17, pp.463-470, 2019 (Peer-Reviewed Journal)
- VIII. **TÜRKİYE'DE EKONOMİK OLARAK YETİŞTİRİCİLİĞİ YAPILAN SERT ÇEKİRDEKLİ MEYVELERİN ÜRETİM PROJEKSİYONU**
Uzun A., Yaman M., Pınar H., Çetin N., Say A.
Bahçe, vol.47, no.2, pp.79-83, 2018 (Peer-Reviewed Journal)
- IX. **ORGANİK VE GELENEKSEL BAHÇE TARIMINDA ENERJİ KULLANIM ETKİNLİĞİNİN BELİRLENMESİ**
Sağlam C., Çetin N.
Bahçe, vol.47, pp.84-90, 2018 (Peer-Reviewed Journal)
- X. **Türkiye'de Yetiştiriciliği Yapılan Bazı Üzümsü Meyvelerin Üretim Projeksiyonu**
YAMAN M., UZUN A., ÇETİN N., SAY A.
Erciyes Tarım ve Hayvan Bilimleri Dergisi, vol.1, no.1, pp.11-16, 2018 (Peer-Reviewed Journal)
- XI. **Kayseri Sulama Birlikleri İşletmelerinde Yaygın Üretim Desenine Göre Optimum Makina Boyutu ve**

Traktör Gücünün Belirlenmesi

Sağlam C., Gerçek S., Çetin N., Karaca L.

Süleyman Demirel Üniversitesi Ziraat Fakültesi Dergisi, vol.13, pp.95-102, 2018 (Peer-Reviewed Journal)

XII. Kayseri Yöresindeki Çiftçilerin Traktör Seçimi ve Satın Alma Davranışlarını Etkileyen Faktörlerin Belirlenmesi

Sağlam C., Çetin N.

Uludağ Üniversitesi Ziraat Fakültesi Dergisi, vol.31, pp.109-121, 2017 (Peer-Reviewed Journal)

XIII. Kayseri İlinde Meydana Gelen Traktör ve Tarım Makinaları Kazalarının Değerlendirilmesi

Sağlam C., Çetin N.

Gaziosmanpaşa Bilimsel Araştırma Dergisi, vol.6, pp.20-34, 2017 (Peer-Reviewed Journal)

XIV. TARIMSAL BİYOKÜTLE ENERJİSİNE HAMMADDEOLUŞTURAN CEVİZİN (Juglans regia L.) ENERJİEŞDEĞERİ

Demir B., Yaman M., Çetin N.

Bahçe, vol.46, pp.83-87, 2017 (Peer-Reviewed Journal)

XV. Görüntü İşleme Tekniği İle Yabancı Ot RenkÖzelliklerinin BelirlenmesiDetermination of Color Properties of Weed Using Image Processing

Demir B., Çetin N., Kuş Z. A.

Alınteri Ziraat Bilimler Dergisi, vol.31, no.2, pp.59-64, 2016 (Peer-Reviewed Journal)

XVI. Kayseri İli Tarım Makinaları İmalat Sanayisinin Mevcut Durumu ve Sorunları

Sağlam C., Çetin N.

Journal of Agricultural Faculty of Gaziosmanpaşa University, JAFAG, pp.117-124, 2016 (Scopus)

XVII. Mersin İli Tarımsal Biyokütle Enerji Eşdeğer Potansiyeli

Demir B., Kuş Z. A., İrik H. A., Çetin N.

Alınteri Ziraat Bilimler Dergisi, no.2015, pp.12-18, 2015 (ESCI)

Books & Book Chapters

I. TARIMSAL MEKANİZASYONUN DURUMU VE SORUNLARI

Sağlam C., Çetin N., Günaydın S.

in: FARKLI YAKLAŞIMLARLA TARIMA YENİDEN BAKIŞ, Prof. Dr. Yusuf KENAN HASPOLAT, Prof. Dr. İsmail GÜL, Prof. Dr. Ali SATAR, Editor, Orient Yayınları, Ankara, pp.242-260, 2022

II. "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. ENERGY ASPECTS AND EFFECTIVE MOISTURE DIFFUSIVITY OF RED PEPPER: CHANGE IN CULTIVARS AND DRYING METHODS

Çetin N., Kaplan M., Pınar H., Karaman K., Çiftçi B.

International Scientific Symposium Current Trends in Natural Sciences, Pitesti, Romania, 19 - 21 May 2022, vol.1, no.1, pp.1

II. MACHINE LEARNING BASED ESTIMATION OF DRYING CHARACTERISTICS OF APPLE SLICES

Çetin N.

International Scientific Symposium Current Trends in Natural Sciences, Pitesti, Romania, 19 - 21 May 2022, vol.1, no.1, pp.1

III. DETERMINATION OF THE SHAPE AND COLOR CHARACTERISTICS IN DIFFERENT DRYING CONDITIONS OF ORANGE (CİTRUS SİNENSİS)

Çetin N., Karaman K., Demir B., Sağlam C.

International Erciyes Agriculture, Animal Food Sciences Conference, Kayseri, Turkey, 24 - 27 April 2019, pp.614-616

IV. AGRICULTURAL OPERATIONS ON PILOT GREENHOUSE ENTERPRISES IN KUMLUCA DISTRICT OF ANTALYA

Çetin N., Sağlam C.

International Erciyes Agriculture, Animal Food Sciences Conference, Kayseri, Turkey, 24 - 27 April 2019, pp.692-694

V. DETERMINATION OF THE NUMBER OF WORKING DAYS AND ANNUAL WORKING TIME OF TRACTORS USED IN PLANT PRODUCTION PROCESSES IN KAYSERİ PROVINCE

Sağlam C., Çetin N.

International Erciyes Agriculture, Animal Food Sciences Conference, Kayseri, Turkey, 24 - 27 April 2019, pp.681-684

VI. DETERMINATION OF OPERATIONAL PARAMETERS FOR MECHANIZATION PROCESSESIN PUMPKIN SEED PRODUCTION IN KAYSERİ CONDITIONS

Sağlam C., Çetin N.

International Erciyes Agriculture, Animal Food Sciences Conference, Kayseri, Turkey, 24 April 2019, pp.677-680

VII. Determination of Spray Angle in Sprayer Nozzles Using Computer Vision Technique

Toprak A. N., Sayıncı B., Demir B., Köylü F., Çetin N.

CİSET - 2nd Cilicia International Symposium on Engineering and Technology, Mersin, Turkey, 10 - 12 October 2019

VIII. Determination of Biomass Energy Equivalent of Apple (*Malus communis* L.) inKayseri Province

Çetin N., Sağlam C., Demir B.

1st International Congress on Biosystems Engineering (ICOBEN2019), Hatay, Turkey, 24 - 27 September 2019

IX. Determination of Optimum Machine Capacity and Tractor Power in Kayseri Irrigated Agricultural Conditions

Sağlam C., Çetin N.

1st International Congress on Biosystems Engineering (ICOBEN2019), Hatay, Turkey, 24 July - 27 September 2019

X. Determination of Basic Parameter Values for Agricultural Mechanization Level of Agricultural Enterprises in Selçuk District of Izmir Province

Sağlam C., Çetin N.

1st International Congress on Biosystems Engineering (ICOBEN2019), Hatay, Turkey, 24 - 27 September 2019

XI. GELENEKSEL VE KORUYUCU TOPRAK İŞLEME SİSTEMLERİNDE ENERJİ KULLANIMI

Çetin N., Sağlam C.

ANADOLU I. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, Diyarbakır, Turkey, 28 - 29 December 2018, pp.951-960

XII. DİYARBAKIR İLİNDE TARIMSAL MEKANİZASYONDAKİ GELİŞMELERİN MEVCUT DURUMU

Çetin N., Sağlam C.

ANADOLU I. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, Diyarbakır, Turkey, 28 - 29 December 2018, pp.946-950

XIII. YAĞLIK AYÇİÇEĞİ (*Helianthus annuus* L.) TOHURLARININ BAZI FİZİKSEL ÖZELLİKLERİ

Çetin N., Sağlam C., Balık H. H., Güçkan G. N., Aşık Y. C.

ANADOLU I. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, Diyarbakır, Turkey, 28 - 29 December 2018, pp.961-963

XIV. SERALARIN ISITILMASINDA JEOTERMAL ENERJİNİN KULLANIM OLANAKLARI

Çetin N., Sağlam C.

IV. ULUSLARARASI MESLEKİ VE TEKNİK BİLİMLER KONGRESİ, Erzurum, Turkey, 7 - 09 December 2018, pp.2089-2097

XV. DETERMINATION OF OPTIMUM PRODUCT DESIGN FOR PLANT PRODUCTION SYSTEM ACCORDING TO DIFFERENT MACHINE SETS IN KAYSERİ PROVINCE

Sağlam C., Çetin N.

IV. ULUSLARARASI MESLEKİ VE TEKNİK BİLİMLER KONGRESİ, Erzurum, Turkey, 7 - 09 December 2018, pp.2077-

- XVI. **ÇEREZLİK KABAK ÜRETİMİNDE ENERJİ ETKİNLİĞİNİN BELİRLENMESİ ÜZERİNE BİR ARAŞTIRMA**
Sağlam C., Çetin N.
IV. ULUSLARARASI MESLEKİ VE TEKNİK BİLİMLER KONGRESİ, Erzurum, Turkey, 7 - 09 December 2018, pp.2070-2076
- XVII. **CAM-ELYAF TAKVİYELİ POLYESTER İLE OLUŞTURULAN SERA TASARIMI**
Sağlam C., Güzel M., Çetin N.
IV. ULUSLARARASI MESLEKİ VE TEKNİK BİLİMLER KONGRESİ, Erzurum, Turkey, 7 - 09 December 2018, pp.2084-2088
- XVIII. **Organik Tarım ve Geleneksel Tarım Sistemlerinde Sera Gazı Emisyonu**
Sağlam C., Çetin N.
International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2018), Ankara, Turkey, 22 - 23 November 2018, pp.1987-1997
- XIX. **Çerezlik kabak üretiminde kullanılan ekim ve hasat makinalarının işletme performanslarının belirlenmesi**
Sağlam C., Çetin N.
International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2018), Ankara, Turkey, 22 - 23 November 2018, pp.1979-1986
- XX. **Determination of Livestock Waste-Based Biogas and Electrical Energy Potential of Mersin Province**
Demir B., Sağlam C., Çetin N., Büyükkılıç Beyzi S.
3rd International Mediterranean Science and Engineering Congress, Adana, Turkey, 24 - 26 October 2018, vol.1, pp.1589-1591
- XXI. **Pülverizatör Memelerinde Püskürtme Açısı Değişimlerinin Görüntü İşleme Yöntemiyle Belirlenmesi**
Çetin N., Sağlam C., Demir B.
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.1592-1596
- XXII. **Türkiye’de Ekonomik Olarak Yetiştiriciliği Yapılan Sert Çekirdekli Meyvelerin Üretim Projeksiyonu**
Uzun A., Yaman M., Pınar H., Çetin N., Say A.
ULUSLARARASI TARIM KONGRESİ, Chisinau, Moldova, 3 - 06 May 2018, pp.289
- XXIII. **Projections for Productions Some Nuts Fruit Commonly Grown in Turkey**
Yaman M., Uzun A., Pınar H., Say A., Çetin N., Yiğit M. A.
UGAP2018, Şanlıurfa, Turkey, 25 - 27 April 2018, pp.301
- XXIV. **Determination of Flow Evenness in Pulverizator Noozles by Image Processing Method**
ÇETİN N., DEMİR B., SAĞLAM C.
1. ULUSLARARASI GAP TARIM VE HAYVANCILIK KONGRESİ, Şanlıurfa, Turkey, 25 - 27 April 2018, pp.187
- XXV. **Projections for Future Nuts Fruit Productions 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 - 27 April 2018, pp.279
- XXVI. **ASSESSMENT OF GEOTHERMAL ENERGY USE IN GREENHOUSES**
Çetin N., Sağlam C.
International Conference on Technology, Engineering and Science (IConTES), Antalya, Turkey, 26 - 29 October 2017, pp.84
- XXVII. **ENERGY USE IN CONVENTIONAL AND CONSERVATION TILLAGE SYSTEMS**
ÇETİN N., SAĞLAM C.
3RD INTERNATIONAL CONFERENCE ON ENVIRONMENTAL SCIENCE AND TECHNOLOGY, Budapest, Hungary, 19 - 23 October 2017, pp.210
- XXVIII. **ENERGY USE IN ORGANIC AND CONVENTIONAL FARMING SYSTEMS**
Sağlam C., Çetin N., Gerçek S.
3RD INTERNATIONAL CONFERENCE ON ENVIRONMENTAL SCIENCE AND TECHNOLOGY, Budapest, Hungary, 19 - 23 October 2017, pp.184

- XXIX. **Determination of Optimum Product Design for Plant Production System According to Different Machine Sets in Kayseri Province**
Sağlam C., Çetin N.
13th International Congress on Mechanization and Energy in Agriculture & International Workshop on Precision Agriculture, İzmir, Turkey, 13 - 15 September 2017, vol.1, no.37, pp.42
- XXX. **A Comparison of Greenhouse Gas Emissions from Organic Farming and Conventional Farming Systems**
Sağlam C., Çetin N.
13th International Congress on Mechanization and Energy in Agriculture International Workshop on Precision Agriculture, İzmir, Turkey, 13 - 15 September 2017, pp.91
- XXXI. **Production Projection of Some Berry Fruits Cultivated in Turkey**
ÇETİN N., YAMAN M., SAY A.
ICAF0F, Nevşehir, Turkey, 15 - 18 May 2017, pp.165
- XXXII. **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
- XXXIII. **OTTOMAN EMPIRE IRRIGATION NETWORKS: KONYA PLAIN IRRIGATION PROJECT EXAMPLE**
Gerçek S., İrik H. A., Varol İ. S., Çetin N.
AL-FARABI 1st International Congress on Social Sciences, Gaziantep, Turkey, 11 - 14 May 2017, pp.468
- XXXIV. **Social and Economic Affect of Land Consolidation**
Gerçek S., İrik H. A., Varol I. S., Çetin N.
AL-FARABI 1st International Congress on Social Sciences, Gaziantep, Turkey, 11 - 14 May 2017, pp.405
- XXXV. **The Use of Technology in Agricultural Mechanization in Gaziantep Province**
Sağlam C., Gerçek S., Çetin N., Varol I. S.
AL-FARABI 1st International Congress on Social Sciences, Gaziantep, Turkey, 11 - 14 May 2017, pp.266-267
- XXXVI. **Sulama Birliklerinin Çalışma Prensipleri ve Çözüm Önerileri:Kayseri Sarımsaklı Pompaj Sulama Birliği Örneği**
GERÇEK S., KARACA L., SAĞLAM C., ÇETİN N.
1. International Congress on Vacational and Technical Sciences, Batum, Georgia, 8 - 10 April 2017, pp.138
- XXXVII. **KAYSERİ'DE BULUNAN SULAMA BİRLİKLERİNDEKİ ARAZİBÜYÜKLÜKLERİNE GÖRE OPTİMUM TRAKTÖR GÜCÜ VE MAKİNE KAPASİTESİNİN BELİRLENMESİ**
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- XXXVIII. **USE OF ENERGY PRODUCED BY SOLAR PANELS FROM RAIN DROPS**
ÇETİN N.
The 1st International Conference on Alternative Fuels: Future and Challenges, Kayseri, Turkey, 2 - 04 December 2016, pp.62-63
- XXXIX. **Evaluation of poultry litter as a fuel**
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- XL. **Some Physical Properties of Cemre (Triticum aestivum L.) and Sarıcanak-98 (Triticum durum Desf.) Wheat Seeds**
SAĞLAM C., ÇETİN N.
International Conference on Sustainable Development (ICSD), Skopje, Macedonia, 19 - 23 October 2016, no.2, pp.145-152
- XLI. **ERZİNCAN İLİNİN TARIMSAL KÖKENLİ BİYOKÜTLE ENERJİ EŞDEĞER POTANSİYELİ AGRICULTURAL ORIGINATED BIOMASS ENERGY EQUIVALENT POTENTIAL OF ERZİNCAN PROVINCE**
DEMİR B., ÇETİN N., KUŞ Z. A., KUŞ E.

Supported Projects

SAĞLAM C., ÇETİN 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 - Continues

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

DEMİREL B., AKPINAR S., ÇETİN N., Project Supported by Higher Education Institutions, ÇEREZLİK KABAK TARIMSAL ARTIKLARINDAN ELDE EDİLEN PELETLERİN, FİZİKO-MEKANİK VE İSİSAL PARAMETRELERİNİN TESPİT EDİLEREK GÖRÜNTÜ İŞLEME YÖNTEMİYLE PELETLERİN SINIFLANDIRILMASI, 2022 - 2024

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 - 2024

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

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

ÇETİN N., KAPLAN M., KARA K., ÇİFTÇİ B., Project Supported by Higher Education Institutions, Kurutma Sıcaklığının Meşe Palamudunun Yem Kalite Özellikleri Üzerine Etkisi, 2021 - 2022

SAĞLAM C., ÇETİN 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., Yaşar C., TUBITAK Project, Nohut ve Fasulye Tohumlarına Ait Bazı Fiziksel Özelliklerin Görüntü İşleme Tekniği ile Belirlenerek Mineral, Morfolojik ve Teknolojik Özelliklerle İlişkilendirilmesi, 2019 - 2021

Çetin N., Demir B., Project Supported by Higher Education Institutions, Different Artificial Neural Networks Approach to Predicting Image Processing Based Fruit Weight, 2018 - 2019

Toprak A. N., Çetin N., Demir B., Köylü F., Sayıncı B., 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

KIRNAK H., DEMİR B., ÇETİN N., Project Supported by Higher Education Institutions, TAM OTOMASYONLU MODEL BİR SERA TASARIMI, 2015 - 2016

Activities in Scientific Journals

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

Scientific Refereeing

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

SENSORS, Journal Indexed in SCI-E, September 2022

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

TURKISH JOURNAL OF AGRICULTURAL ENGINEERING RESEARCH, Other Journals, May 2022

FOOD CONTROL, Journal Indexed in SCI-E, May 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

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

TURKISH JOURNAL OF AGRICULTURAL ENGINEERING RESEARCH, Other Journals, April 2022
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, Journal Indexed in SCI-E, March 2022
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, 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
FOOD ANALYTICAL METHODS, Journal Indexed in SCI-E, December 2021
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, SCI Journal, September 2021
EUROPEAN FOOD RESEARCH AND TECHNOLOGY, SCI Journal, September 2021
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, SCI Journal, August 2021
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, SCI Journal, May 2021
FOOD ANALYTICAL METHODS, SCI Journal, May 2021
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, SCI Journal, March 2021
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, SCI Journal, January 2021
TARIM BİLİMLERİ DERGİSİ-JOURNAL OF AGRICULTURAL SCIENCES, SCI Journal, December 2020
JOURNAL OF ENGINEERING AND NATURAL SCIENCES, Journal Indexed in ESCI, December 2020
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, SCI Journal, November 2020
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, SCI Journal, August 2020
JOURNAL OF AGRICULTURAL SCIENCE AND TECHNOLOGY, SCI Journal, January 2020
JOURNAL OF ANIMAL AND PLANT SCIENCES, SCI Journal, December 2019

Tasks In Event Organizations

Çetin N., VAROL İ. S., 1st International Erciyes Agriculture Animal and Food Sciences Conference, Scientific Congress, Kayseri, Turkey, Nisan 2019

Metrics

Publication: 81
Citation (WoS): 142
Citation (Scopus): 154
H-Index (WoS): 7
H-Index (Scopus): 7

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
CİSET - 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 İ. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, Attendee, Diyarbakır, Turkey, 2018
IV. ULUSLARARASI MESLEKİ VE TEKNİK BİLİMLER KONGRESİ, 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 İYİ SÖZLÜ SUNUM, Al-Farabi, May 2017

Non Academic Experience

Business Establishment Private, Konya Şeker A.Ş.