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International Researcher IDs

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Education Information

Doctorate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Tarım Makinaları Ve Teknoloji Mühendisliği (Dr), Turkey
2009 - 2017

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Tarım Makinaları Ve Teknoloji Mühendisliği (YI) (Tezli),
Turkey 2004 - 2005

Undergraduate, Ankara University, Ziraat Fakültesi, Tarım Makineleri Bölümü, Turkey 1997 - 2000

Dissertations

Doctorate, Hasat ve hasat sonrası işlemlerde şeftalide oluşan zedelenmenin tahmini için bir model geliştirilmesi, Ondokuz
Mayıs University, Fen Bilimleri Enstitüsü, Tarım Makinaları Ve Teknoloji Mühendisliği (Dr), 2017

Postgraduate, Türkiye'xxde yetiştirilen mahlep meyvesinin fiziko-mekanik özelliklerinin belirlenmesi, Ondokuz Mayıs
University, Fen Bilimleri Enstitüsü, Tarım Makinaları Ve Teknoloji Mühendisliği (YI) (Tezli), 2005

Research Areas

Farm Machinery, Agricultural Tools and Machines, Energy in Agriculture

Academic Titles / Tasks

Research Assistant, Ondokuz Mayıs University, Ziraat Fakültesi, Tarım Makinaları ve Teknolojileri Mühendisliği Bölümü,
2004 - Continues

Courses

hasat harman makineleri, Associate Degree, 2022 - 2023

tarımsal savaş makineleri, Associate Degree, 2022 - 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Biomass potential from agricultural residues for energy utilization in West Nusa Tenggara (WNT), Indonesia**
Fitri H., Gürdil G. A. K., DEMİREL B., Cevher E., Roubík H.
GCB Bioenergy, vol.15, no.11, pp.1405-1414, 2023 (SCI-Expanded)
- II. **Determination of bruise preventing capacity of the cushioning material in persimmon fruit under pendulum impact test**
Yeşiloğlu Cevher E.
JOURNAL OF FOOD PROCESS ENGINEERING, vol.45, no.12, 2022 (SCI-Expanded)
- III. **Using Artificial Neural Network Application in Modeling the Mechanical Properties of Loading Position and Storage Duration of Pear Fruit**
Cevher E., Yıldırım D.
Processes, vol.10, no.11, 2022 (SCI-Expanded)
- IV. **Prediction of bruise in peach with impact energy**
Yeşiloğlu Cevher E., Öztekin Y. B.
JOURNAL OF FOOD PROCESS ENGINEERING, vol.45, no.3, 2022 (SCI-Expanded)
- V. **Some technical properties of dried Terminalia chebula (kara halile) for use in harvest and post-harvest processing**
Yeşiloğlu Cevher E.
ITALIAN JOURNAL OF FOOD SCIENCE, vol.34, no.4, pp.33-43, 2022 (SCI-Expanded)
- VI. **ENGINEERING PROPERTIES OF TWO HAZELNUTS VARIETIES AND ITS KERNEL RELATION TO HARVEST AND THRESHING**
Selvi K. C., Cevher E., Sauk H.
ITALIAN JOURNAL OF FOOD SCIENCE, vol.32, no.3, pp.528-539, 2020 (SCI-Expanded)
- VII. **Mechanical Behaviour and Split Resistance of Chestnut under Compressive Loading**
Yurtlu Y. B., Yeşiloğlu Cevher E.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.17, no.4, pp.337-346, 2011 (SCI-Expanded)
- VIII. **Physical properties of bay laurel seeds**
Yurtlu Y. B., Yesiloglu E., Arslanoglu F.
INTERNATIONAL AGROPHYSICS, vol.24, no.3, pp.325-328, 2010 (SCI-Expanded)
- IX. **Some physical properties of linseed**
Selvi K. C., Pinar Y., Yesiloglu E.
BIOSYSTEMS ENGINEERING, vol.95, no.4, pp.607-612, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effect of Short-Term Storage Temperature on Mechanical Properties of 'Istanbul' Medlar**
YEŞİLOĞLU CEVHER E., ÖZTÜRK A.
Black Sea Journal of Agriculture, vol.6, no.5, pp.547-551, 2023 (Peer-Reviewed Journal)
- II. **Some Mechanical Properties of Chestnut in Relation to Product Processing and Equipment Design**
YEŞİLOĞLU CEVHER E., YILDIZ T.
TURKISH JOURNAL OF AGRICULTURE: FOOD SCIENCE AND TECHNOLOGY, vol.10, no.8, pp.1565-1570, 2022 (Peer-Reviewed Journal)
- III. **Mechanical behavior of Deveci pear cultivar affected by maturation**
YEŞİLOĞLU CEVHER E., ÖZTEKİN Y. B.
Turkish Journal of Food and Agriculture Sciences, vol.1, no.2, pp.39-43, 2019 (Peer-Reviewed Journal)
- IV. **Determination of some physical properties of some pumpkin (Cucurbita moschata Duch.) and winter squash (Cucurbita maxima Duch.) genotype seeds**
YILDIZ T., ÖZTEKİN Y. B., YEŞİLOĞLU E.
European Journal of Plant Science and Biotechnology, Vegetable Science in Turkey, vol.7, no.1, pp.47-51, 2013

(Peer-Reviewed Journal)

- V. **Turfanda Patates Yumrularının Farklı Saklama Koşullarında Fiziko-Mekanik Özellik Değişimleri**
ÖZTEKİN Y. B., VURSAVUŞ K. K., ARSLANOĞLU Ş. F., YEŞİLOĞLU CEVHER E.
Toprak Su Dergisi, vol.1, no.2, pp.61-70, 2012 (Peer-Reviewed Journal)
- VI. **Determination of Some Physical Properties of Some Pumpkin Cucurbita moschata Duch and Winter Squash Cucurbita maxima Duch Genotype Seeds**
YILDIZ T., ÖZTEKİN Y. B., YEŞİLOĞLU CEVHER E.
The European Journal of Plant Science and Biotechnology, 2012 (Peer-Reviewed Journal)
- VII. **COEFFICIENT OF FRICTION OF POTATO (Solanum tuberosum L.) TUBERS IN DIFFERENT SURFACES**
ÖZTEKİN Y. B., YEŞİLOĞLU CEVHER E., VURSAVUŞ K. K., SAÇILIK K.
Adnan Menderes Üniversitesi Ziraat Fakültesi Dergisi, vol.8, no.2, pp.35-40, 2011 (Peer-Reviewed Journal)
- VIII. **Safer Agriculture For Employees in Rural-SAFER**
ÖZTEKİN Y. B., ekmekçi k., Gölbaşı M., YEŞİLOĞLU CEVHER E.
Tarım Makinaları Bilimi Dergisi, vol.6, no.10, pp.1-4, 2010 (Peer-Reviewed Journal)
- IX. **Mahlep Tohumunun (Prunus mahaleb L.) Bazı Fiziksel Özelliklerinin Belirlenmesi**
YEŞİLOĞLU CEVHER E., PINAR Y.
Tarım Makinaları Bilimi Dergisi, 2006 (Peer-Reviewed Journal)
- X. **Hayvan Barınaklarında Doğal Havalandırma Verdisinin Belirlenmesi İçin Bir Bilgisayar Programı Geliştirilmesi**
GÜRDİL G. A. K., SELVİ K. Ç., YEŞİLOĞLU CEVHER E., LÜLE F.
Ondokuz Mayıs Üniversitesi Ziraat Fakültesi Dergisi (Anadolu Tarım Bilimleri Dergisi), vol.20, no.1, 2005 (Peer-Reviewed Journal)
- XI. **HAYVAN BARINAKLARINDA DOĞAL HAVALANDIRMA VERDİSİNİN BELİRLENMESİ İÇİN BİR BİLGİSAYAR PROGRAMI GELİŞTİRİLMESİ**
GÜRDİL G. A. K., SELVİ K. Ç., LÜLE F., YEŞİLOĞLU CEVHER E.
Ondokuz Mayıs Üniversitesi Ziraat Fakültesi Dergisi (Anadolu Tarım Bilimleri Dergisi), vol.20, no.1, pp.30-36, 2005 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **The conceptualization of agricultural residues:Unlocking potential for sustainability**
GÜRDİL G. A. K., DEMİREL B., YEŞİLOĞLU CEVHER E.
3RD International Conference on Research of Agricultural and Food Technologies (I-CRAFT-2023), 4 - 06 October 2023
- II. **Estimation and classification of physical parameters pumpkins (Cucurbita pepo L.) crop seeds by soft computing techniques**
YILDIRIM D., YEŞİLOĞLU CEVHER E., GÜRDİL G. A. K.
3rd International Conference on Research of Agricultural and Food Technologies, 4 - 06 October 2023
- III. **An Application of Fuzzy ANOVA on Field of Agricultural Machinery**
GÖKKUŞ Z., ŞENTÜRK S., YILDIZ T., YEŞİLOĞLU CEVHER E.
The International Conference on Intelligent and Fuzzy Systems (INFUS 2023), 22 - 24 August 2023
- IV. **Two-Way ANOVA for Fuzzy Observations and an Implication**
GÖKKUŞ Z., ŞENTÜRK S., YILDIZ T., YEŞİLOĞLU CEVHER E.
The International Conference on Intelligent and Fuzzy Systems (INFUS 2023), 22 - 24 August 2023
- V. **THE EFFECT OF SOME FRUIT PROPERTIES AND IMPACT ENERGY ON THE SIZE OF BRUISES IN KIWI**
YEŞİLOĞLU CEVHER E.
4. International Anatolian Scientific Research Congress (4. Uluslararası Anadolu Bilimsel Araştırmalar Kongresi), 17 February 2023
- VI. **DETERMINATION OF PHYSICAL AND MECHANICAL PROPERTIES OF MEDLAR (Mespilus germanica L.) FRUIT ACCORDING TO SIZE GROUP**

YEŞİLOĞLU CEVHER E., SAUK H.

3. International Anatolian Scientific Research Congress (3. Uluslararası Anadolu Bilimsel Araştırmalar Kongresi), 27 - 29 December 2022

VII. Strength behavior study of quince under compressive loading

YEŞİLOĞLU CEVHER E., GÜRDİL G. A. K.

4th International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2022)
December 14-16, 2022, 14 December 2022

VIII. STATIC AND DYNAMIC FRICTION COEFFICIENTS FOR NONPAREIL ALMOND (IN SHELL)VARIETY ON VARIOUS SURFACES

YEŞİLOĞLU CEVHER E., SAUK H., GÜRDİL G. A. K.

2. International Conference on Research of Agriculture and Food Technologies, 06 October 2022

IX. USING ADAPTIVE NEURO-FUZZY INFERENCE SYSTEMS (ANFIS) TECHNIQUE TO ESTIMATING THE DENSITY IN PEPPER (Capsicum annum L.) SEED

YEŞİLOĞLU CEVHER E., YILDIRIM D., GÜRDİL G. A. K.

2. International Conference on Research of Agriculture and Food Technologies, 06 October 2022

X. STATIC AND DYNAMIC FRICTION COEFFICIENTS FOR ALMOND ON VARIOUS SURFACES FOR PROCESSING TECHNOLOGIES AND ENGINEERING

YEŞİLOĞLU CEVHER E., SAUK H., GÜRDİL G. A. K.

2ND. International Conference on Research of Agricultural and Food Technologies, Adana, Turkey, 06 October 2022, pp.27

XI. USING ARTIFICIAL NEURAL NETWORK APPLICATION IN MODELLING THE MECHANICAL PROPERTIES OF LOADING POSITION AND STORAGE DURATION OF PEAR FRUIT

YEŞİLOĞLU CEVHER E., GÜRDİL G. A. K., YILDIRIM D.

TAE 2022 - 8TH INTERNATIONAL CONFERENCE ON TRENDS IN AGRICULTURAL ENGINEERING, 20 September 2022, pp.84-89

XII. EFFECT OF LOADING POSITION AND STORAGE DURATION ON THE MECHANICAL PROPERTIES OF DEVECI PEAR VARIETY

YEŞİLOĞLU CEVHER E., ÖZTEKİN Y. B.

VIII International Scientific Agriculture Symposium "AGROSYM 2017", Jahorina, Bosnia And Herzegovina, 05 August 2017

XIII. Effect Of Loading Position And Storage Duration On The Mechanical Properties Of Abate Fetel Pear Variety

YEŞİLOĞLU CEVHER E., YILDIRIM D., ÖZTEKİN Y. B.

6th International Conference on Trends in Agricultural Engineering 2016., 7 - 09 September 2016

XIV. Some Physical Properties Of Juniper Seeds (Juniperus Communis L.)

YEŞİLOĞLU E., YURTLU Y. B.

The Second International Symposium on Agricultural Engineering, 9 - 10 October 2015

XV. Effects of Impact Levels and Storage Durations on Fuji Apple Bruising

YEŞİLOĞLU E., YURTLU Y. B.

12th International Congress On Mechanization and Energy In Agriculture, 3 - 06 September 2014

XVI. Physical Properties of Some Chestnut Varieties Produced in Black Sea Tegen of Turkey

SERDAR Ü., ÖZTEKİN Y. B., YEŞİLOĞLU CEVHER E.

Fifth International Chestnut Symposium, 4 - 08 September 2012

XVII. Hayward Kivi Meyvesinin Statik Yük Altındaki Zedelenme Hassasiyetinin Belirlenmesi

ÖZTEKİN Y. B., VURSAVUŞ K. K., YEŞİLOĞLU CEVHER E., ÖZTÜRK B., Usta B.

TARIMSAL MEKANİZASYON ULUSAL KONGRESİ, Turkey, 5 - 07 September 2012

XVIII. Coefficient of friction of potato (Solanum Tuberosum L.) tubers in different surfaces

ÖZTEKİN Y. B., YEŞİLOĞLU CEVHER E., VURSAVUŞ K. K., SAÇILIK K.

11th International Congress on Mechanization and Energy in Agriculture Congress, 21 September 2011

XIX. Balkabağı ve Kestane Kabağı Genotiplerine Ait Tohumların Bazı Fiziksel Özelliklerinin Belirlenmesi

YILDIZ T., YURTLU Y. B., YEŞİLOĞLU E.

TÜRKİYE IV. TOHUMCULUK KONGRESİ, Samsun, Turkey, 14 - 17 June 2011, vol.1, pp.398-399

- XX. **Physical properties of potato (*Solanum tuberosum* L) tubers**
ÖZTEKİN Y. B., YEŞİLOĞLU CEVHER E., ARSLANOĞLU Ş. F.
International Symposium on Agronomy and Physiology of Potato, 20 - 24 September 2010
- XXI. **Kırsal Alanda Çalışanlar İçin Daha Güvenli Tarım**
ÖZTEKİN Y. B., ekmekçi k, Gölbaşı M., YEŞİLOĞLU CEVHER E.
Tarımsal Mekanizasyon 26. Ulusal Kongresi, Turkey, 22 - 23 September 2010
- XXII. **Determination of Basic Parameters in Moldboard and Disc Ploughs**
SELVİ K. Ç., GÜRDİL G. A. K., DEMİREL B., YEŞİLOĞLU CEVHER E.
ITAFPE'10 3rd International Congress on Information and Communication Technologies in Agriculture, Food, Forestry Environment, 14 - 18 June 2010, pp.2-8
- XXIII. **DETERMINATION OF BASIC PARAMETERS IN MOULDBOARD AND DISC PLOUGHS**
SELVİ K. Ç., GÜRDİL G. A. K., DEMİREL B., YEŞİLOĞLU CEVHER E.
3rd International Congress on Information and Communication Technologies in Agriculture Food, Forestry and Environment (ITAFPE'10), 14 - 18 June 2010
- XXIV. **SAFER AGRICULTURE FOR EMPLOYEES IN RURAL**
Yurtlu Y. B., Ekmekci K., Yeşiloğlu Cevher E., DEMİREL B., Sauk H.
4th International Conference on Trends in Agricultural Engineering, Prague, Czech Republic, 7 - 10 September 2010, pp.696-697
- XXV. **Bazı Tarımsal Ürünlerin Fiziko Mekanik Özelliklerinin Hesaplanması Üzerine Bir Simülasyon Programı Geliştirilmesi**
GÜRDİL G. A. K., SELVİ K. Ç., YEŞİLOĞLU CEVHER E.
Tarımsal Mekanizasyon 23. Ulusal Kongresi, Turkey, 6 - 08 September 2006, pp.193-198
- XXVI. **MAHLEP TOHUMUNUN (*PRUNUS MAHALEB* L.) BAZI FİZİKSEL İZELLİKLERİNİN BELİRLENMESİ DETERMINATION OF SOME PHYSICAL PROPERTIES OF MAHALEB SEED (*PRUNUS MAHALEB* L.)**
YEŞİLOĞLU CEVHER E., PINAR Y.
23. Ulusal Tarımsal Mekanizasyon Kongresi, 6-8 Eylül 2006, Çanakkale, 08 September 2006