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Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Tarım Makinaları (Dr), Turkey 2009 - 2014

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Tarım Makinaları (YI) (Tezli), Turkey 2006 - 2009

Undergraduate, Anadolu University, Faculty Of Economics, Department Of Finance, Turkey 2001 - 2008

Undergraduate, Ankara University, Ziraat Fakültesi, Tarım Teknolojisi Bölümü, Turkey 2002 - 2005

Dissertations

Doctorate, Görüntü işleme teknikleri kullanılarak zeytin varyetelerinin tanımlanması, Ankara University, Fen Bilimleri Enstitüsü, Tarım Makinaları (Dr), 2014

Postgraduate, Elmalarda mekanik zedelenmenin görüntü analiz tekniği ile belirlenmesi, Ankara University, Fen Bilimleri Enstitüsü, Tarım Makinaları (YI) (Tezli), 2009

Research Areas

Agricultural Sciences, Agriculture, Farm Machinery

Academic Titles / Tasks

Associate Professor, Ankara University, Ziraat Fakültesi, Tarım Makineleri ve Teknolojileri Mühendisliği Bölümü, 2019 - Continues

Research Assistant, Ankara University, Ziraat Fakültesi, Tarım Makineleri ve Teknolojileri Mühendisliği Bölümü, 2007 - Continues

Research Assistant, Universidad de Jaen, Faculty Of Engineering, Laboratory Of Robotics And Computer Vision, Electronic Engineering And Automation, 2017 - 2018

Academic and Administrative Experience

Ankara University, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Sugar Beet Seed Classification for Production Quality Improvement by Using YOLO and NVIDIA Artificial Intelligence Boards**
BEYAZ A., Saripinar Z.
SUGAR TECH, 2024 (SCI-Expanded)
- II. **YOLOv4 and Tiny YOLOv4 Based Forage Crop Detection with an Artificial Intelligence Board**
BEYAZ A., Gul V.
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, vol.66, 2023 (SCI-Expanded)
- III. **Determination of Low-Cost Arduino Based Light Intensity Sensors Effectiveness for Agricultural Applications**
Beyaz A., Gul V.
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, vol.65, 2022 (SCI-Expanded)
- IV. **Cooling Potential of Bin Stored Wheat by Summer and Autumn Aeration**
El Melki M. N., El Moueddeb K., Beyaz A.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BILIMLERI DERGISI, vol.28, no.1, pp.145-158, 2022 (SCI-Expanded)
- V. **Rain Intensity Forecast with Microcontroller Based Pluviometer and Machine Learning**
Esirge Z., Beyaz A.
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, vol.65, 2022 (SCI-Expanded)
- VI. **Meta-Learning-Based Prediction of Different Corn Cultivars from Color Feature Extraction**
BEYAZ A., Koc D.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BILIMLERI DERGISI, vol.27, no.1, pp.32-41, 2021 (SCI-Expanded)
- VII. **Canopy analysis and thermographic abnormalities determination possibilities of olive trees by using data mining algorithms**
BEYAZ A., ÖZKAYA M. T.
NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, vol.49, no.1, 2021 (SCI-Expanded)
- VIII. **Computer vision-based dimension measurement system for olive identification**
BEYAZ A.
NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, vol.48, no.4, pp.2328-2342, 2020 (SCI-Expanded)
- IX. **Olive fly sting detection based on computer vision**
BEYAZ A., Martinez Gila D. M., Gomez Ortega J., Gamez Garcia J.
POSTHARVEST BIOLOGY AND TECHNOLOGY, vol.150, pp.129-136, 2019 (SCI-Expanded)
- X. **The Effects of Good Agricultural Practises On Energy Use Effectiveness On Mandarin Production and Environmental**
DAĞTEKİN M., Bilgili M. E., BEYAZ A.
ERWERBS-OBSTBAU, vol.61, no.1, pp.55-60, 2019 (SCI-Expanded)
- XI. **A computer vision approach based on endocarp features for the identification of olive cultivars**
Satorres Martinez S., Martinez Gila D., BEYAZ A., Gomez Ortega J., Gamez Garcia J.
COMPUTERS AND ELECTRONICS IN AGRICULTURE, vol.154, pp.341-346, 2018 (SCI-Expanded)
- XII. **The Effect of Adding Corn Silage at Different Ratios to Orange and Tangerine Wastes on Biogas Production Efficiency**
DAĞTEKİN M., AYBEK A., ÜÇÖK S., BEYAZ A.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BILIMLERI DERGISI, vol.24, no.4, pp.531-538, 2018 (SCI-Expanded)
- XIII. **Harvest glove and LabView based mechanical damage determination on apples**
BEYAZ A.
SCIENTIA HORTICULTURAE, vol.228, pp.49-55, 2018 (SCI-Expanded)
- XIV. **Identification of some spanish olive cultivars using image processing techniques**
BEYAZ A., ÖZKAYA M. T., İÇEN D.
SCIENTIA HORTICULTURAE, vol.225, pp.286-292, 2017 (SCI-Expanded)

- XV. **USE OF DIFFERENT TYPES OF SENSORS FOR SIZE MEASUREMENT OF SOME AGRICULTURAL PRODUCTS (FRUITS) GROWN IN MEDITERRANEAN CLIMATIC CONDITIONS**
DAĞTEKİN M., BEYAZ A.
ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, vol.16, no.5, pp.1129-1136, 2017 (SCI-Expanded)
- XVI. **COMPARISON EFFECTIVENESS OF CANOPY VOLUME MEASUREMENTS OF CITRUS SPECIES VIA ARDUINO BASED ULTRASONIC SENSOR AND IMAGE ANALYSIS TECHNIQUES**
Beyaz A., Dağtekin M.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.11, pp.6373-6382, 2017 (SCI-Expanded)
- XVII. **COMPARISON OF ARDUINO BASED INEXPENSIVE COLORMETERS EFFECTIVENESS AT SOME AGRICULTURAL PRODUCTS**
Beyaz A.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.11, pp.6457-6469, 2017 (SCI-Expanded)
- XVIII. **EVALUATION OF DROPLET SIZE SPECTRA FOR AGRICULTURAL PESTICIDE APPLICATIONS USING WATER SENSITIVE PAPER AND IMAGE ANALYSIS TECHNIQUES**
BEYAZ A., DAĞTEKİN M., ÇİLİNGİR İ., Gerdan D.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.12A, pp.102-108, 2017 (SCI-Expanded)
- XIX. **Identification of olive cultivars using image processing techniques**
BEYAZ A., ÖZTÜRK R.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.40, no.5, pp.671-683, 2016 (SCI-Expanded)
- XX. **Assessment of mechanical damage on apples with image analysis**
BEYAZ A., ÖZTÜRK R., TÜRKER U.
JOURNAL OF FOOD AGRICULTURE & ENVIRONMENT, vol.8, no.3-4, pp.476-480, 2010 (SCI-Expanded)
- XXI. **MEASUREMENT OF THE EFFECTS OF LIQUID FERTILIZERS AT THE DIFFERENT LEVELS ON DUCKWEED (LEMNA MINOR L.) GROWTH USING IMAGE ANALYSIS TECHNIQUE**
Bekcan S., Atar H. H., BEYAZ A.
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.23, no.2, pp.1205-1209, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **Assessment of the impact of climate change on the use of aeration for the storage of cereal grains in the northwest of Tunisia**
Melki M. N. E., Barkouti A., BEYAZ A., Moueddeb K. E., Khelifi S.
EURO-MEDITERRANEAN JOURNAL FOR ENVIRONMENTAL INTEGRATION, vol.9, no.1, pp.339-353, 2024 (ESCI)
- II. **Prediction of Wheat Storage Process Under Climate Change: A Case Study of Northwestern Regions of Tunisia**
Barkouti A., El Melki M. N., Beyaz A., Khelifi S.
American Journal of Agricultural Science, Engineering, and Technology, vol.7, no.1, pp.1-6, 2022 (Peer-Reviewed Journal)
- III. **Bibliometric study on food security and climate change research from 2000 to 2020**
Barkouti A., El Melki M. N., Beyaz A.
African Journal of Advanced Pure and Applied Sciences, vol.1, no.4, pp.139-146, 2022 (Peer-Reviewed Journal)
- IV. **A Homonym Determination of Olea europaea L. by using Molecular Identification and Image Analysis**
Özkaya M. T., Beyaz A.
AGRICULTURAL SCIENCE DIGEST, vol.42, no.4, pp.426-431, 2022 (Scopus)
- V. **LabVIEW Based Real-time Color Measurement System**
BEYAZ A.
TURKISH JOURNAL OF AGRICULTURAL ENGINEERING RESEARCH, vol.2, no.2, pp.330-338, 2021 (Peer-Reviewed Journal)
- VI. **Efficacy Detection of Low-Cost Hall Effect Sensor for a LabVIEW-Based Agricultural Gaussmeter**
BEYAZ A., PARLAK D.

ERCIŞ (VAN) İLÇESİ İÇME SULARININ SU KALİTESİ ÖZELLİKLERİ, vol.31, no.3, pp.710-721, 2021 (Scopus)

- VII. **Determination of Pear Cultivars (*Pyrus communis* L.) Based on Colour Change Levels by Using Data Mining**
GERDAN D., BEYAZ A., VATANDAŞ M.
Turkish Journal of Agriculture - Food Science and Technology, vol.8, no.6, pp.1291-1296, 2020 (Peer-Reviewed Journal)
- VIII. **Analysis of the Mechanical Performance Estimation of Electric Motors Used in the Drive of Deep Well Pumps**
BEYAZ A., VATANDAŞ M.
Turkish Journal of Agricultural Engineering Research, vol.1, no.1, pp.85-90, 2020 (Peer-Reviewed Journal)
- IX. **Classification of Apple Varieties: Comparison of Ensemble Learning and Naive Bayes Algorithms in H2O Framework**
GERDAN D., BEYAZ A., VATANDAŞ M.
Gaziosmanpaşa Üniversitesi Ziraat Fakültesi Dergisi, vol.37, no.1, pp.9-16, 2020 (Peer-Reviewed Journal)
- X. **Experimental Recognition System for Dirty Eggshell by Using Image Analysis Technique**
BEYAZ A., ÖZLÜ S., GERDAN D.
Turkish Journal of Agriculture - Food Science and Technology, vol.8, no.5, pp.1122-1126, 2020 (Peer-Reviewed Journal)
- XI. **Development of a Low-Cost pH Meter for Liquid Chemical Fertilizers**
POLAT M. Y., BEYAZ A., ÇİLİNGİR İ.
TURKISH JOURNAL OF AGRICULTURE: FOOD SCIENCE AND TECHNOLOGY, vol.8, no.4, pp.840-846, 2020 (Peer-Reviewed Journal)
- XII. **Potato classification by using ultrasonic sensor with labview**
BEYAZ A., Gerdan D.
Agricultural Science Digest, vol.40, no.4, pp.376-381, 2020 (Scopus)
- XIII. **Air Quality Evaluation with a Low-cost Dust Sensor for a Hencoop**
Beyaz A.
AGRICULTURAL SCIENCE DIGEST, vol.39, no.3, pp.236-243, 2019 (Peer-Reviewed Journal)
- XIV. **Computer-aided Stress Analysis of a Model of Tractor Mounted Auger Drill**
Beyaz A., Gerdan D.
AGRICULTURAL SCIENCE DIGEST, vol.39, no.2, pp.90-95, 2019 (Peer-Reviewed Journal)
- XV. **Kinematic Analysis of Tractor Engine Crank-Rod Mechanism**
BEYAZ A., DAĞTEKİN M.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.33, no.3, pp.93-100, 2018 (Peer-Reviewed Journal)
- XVI. **Posture determination by using flex sensor and image analysis technique**
BEYAZ A.
AGRICULTURAL SCIENCE DIGEST, vol.37, no.4, pp.257-262, 2017 (Peer-Reviewed Journal)
- XVII. **Comparison of different methods used for determination of percent crop residue cover Bitki yüzey artığı kaplama yüzdesinin belirlenmesinde kullanılan farklı yöntemlerin karşılaştırılması**
Dursun İ., Dursun E., Beyaz A.
Yuzuncu Yil University Journal of Agricultural Sciences, vol.27, no.4, pp.550-557, 2017 (Scopus)
- XVIII. **Comparison of different methods used for determination of percent crop residue cover Bitki yüzey artığı kaplama yüzdesinin belirlenmesinde kullanılan farklı yöntemlerin karşılaştırılması**
DURSUN İ., DURSUN E., BEYAZ A.
Yuzuncu Yil University Journal of Agricultural Sciences, vol.27, no.4, pp.550-557, 2017 (Scopus)
- XIX. **Labview Platformunda Video Analizi ile Tarımsal Ürün Boyutu Belirleme**
Beyaz A.
Gaziosmanpaşa Üniversitesi Ziraat Fakültesi Dergisi, vol.33, no.2016, pp.1-9, 2016 (Peer-Reviewed Journal)
- XX. **Traktörde Güvenlik Amaçlı Galvanik Deri Tepkisi Sensörü Kullanım Olanaklarının Belirlenmesi**
BEYAZ A., BEYAZ R.

- Mühendislik Bilimleri ve Tasarım Dergisi, vol.3, no.3, pp.121-125, 2015 (Peer-Reviewed Journal)
- XXI. **Farklı Model Traktör Kullanımının Verdiği Güven Düzeyinin Galvanik Deri Tepkisi Sensörü Kullanılarak Belirlenmesi**
BEYAZ A., BEYAZ R., GERDAN D.
Mühendislik Bilimleri ve Tasarım Dergisi, vol.3, no.3, pp.133-139, 2015 (Peer-Reviewed Journal)
- XXII. **Determination of Enzymatic Browning on Quinces Cydonia Oblongo with Color Analysis**
BEYAZ A., ÖZTÜRK R., ACAR A. İ., TÜRKER U.
Tarım Makinaları Bilimi Dergisi, vol.7, no.4, pp.411-414, 2011 (Peer-Reviewed Journal)
- XXIII. **Determination of Sugar Beet Topping Slice Thickness by Using Image Analysis Technique**
BEYAZ A., ÇOLAK A., ÖZTÜRK R., ACAR A. İ.
Tarım Makinaları Bilimi Dergisi, vol.6, no.3, pp.185-189, 2010 (Peer-Reviewed Journal)
- XXIV. **Agricultural structure and mechanization level of Turkey**
Özgüven M. M., Türker U., Beyaz A.
Gaziosmanpaşa Üniversitesi Ziraat Fakültesi Dergisi, vol.27, no.2, pp.89-100, 2010 (Peer-Reviewed Journal)
- XXV. **Türkiye'nin Tarımsal Yapısı ve Mekanizasyon Durumu**
ÖZGÜVEN M. M., TÜRKER U., BEYAZ A.
G.O.Ü., Ziraat Fakültesi Dergisi, vol.28, no.2, pp.89-100, 2010 (Peer-Reviewed Journal)
- XXVI. **Volume Determination of Kahramanmaraş Red Pepper (Capsicum annuum) by using image analysis**
BEYAZ A., ÖZGÜVEN M. M., ÖZTÜRK R., ACAR A. İ.
Journal of Agricultural Machinery Science, 2009 (Peer-Reviewed Journal)
- XXVII. **Volume Determination of Kahramanmaraş Red Pepper (Capsicum Annuum L.) by Using Image Analysis Technique**
BEYAZ A., ÖZGÜVEN M. M., ÖZTÜRK R., ACAR A. İ.
Tarım Makinaları Bilimi Dergisi, vol.5, no.1, pp.103-108, 2009 (Peer-Reviewed Journal)
- XXVIII. **Volume Determination of Kahramanmaraş Red Pepper Capsicum Annuum L by Using Image Analysis Technique**
BEYAZ A., ÖZGÜVEN M. M., ÖZTÜRK R., ACAR A. İ.
Tarım Makinaları Bilimi Dergisi, vol.5, no.1, pp.103-108, 2009 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Vision-Supported Arduino and Bluetooth-Based Robotic Model Platforms for Agriculture**
BEYAZ A., GERDAN D.
in: Contemporary Studies in Sciences, Recep Efe, İsa Cürebal, Editor, Cambridge Scholars Publishing, Newcastle upon Tyne, pp.128-144, 2020
- II. **Agricultural Product Measurement by Using Video Analysis and Ultrasonic Sensor on Labview Platform**
BEYAZ A.
in: Recent Researches in Science and Landscape Management, Recep Efe, Murat Zencirkiran, İsa Cürebal, Editor, Cambridge Scholars Publishing, Newcastle, pp.357-369, 2018
- III. **Real-Time Video Analysis in Agriculture by Using LabVIEW Software**
BEYAZ A.
in: Colorimetry and Image Processing, Carlos M. Travieso-Gonzalez, Editor, InTech, Rijeka, pp.101-115, 2018
- IV. **Veri Tabanları, Bilgi Keşfi, Bilgi Çıkarma ve Web Madenciliği**
TARHAN S., ÖZGÜVEN M. M., BEYAZ A.
in: Bilgi Teknolojilerinin Tarımda Kullanımı Handbook of Agricultural Engineering Volume VI Information Technology, Sefa TARHAN ve Mehmet Metin ÖZGÜVEN, Editor, ASABE. American Society of Agricultural Engineers., Kyoto, pp.194-211, 2015
- V. **3D Animasyon ve Sanal Gerçeklik**
TARHAN S., ÖZGÜVEN M. M., BEYAZ A.

in: Bilgi Teknolojilerinin Tarımda Kullanımı (CIGR Handbook of Agricultural Engineering Volume VI Information Technology), TARHAN SEFA, ÖZGÜVEN MEHMET METİN, Editor, TARMAKBİR, Tokat, pp.459-470, 2015

- VI. **Veri Tabanları, Bilgi Keşfi, Bilgi Çıkarma ve Web Madenciliği**
TARHAN S., ÖZGÜVEN M. M., BEYAZ A.
in: Bilgi Teknolojilerinin Tarımda Kullanımı (CIGR Handbook of Agricultural Engineering Volume VI Information Technology), TARHAN SEFA, ÖZGÜVEN MEHMET METİN, Editor, TARMAKBİR, Tokat, pp.184-201, 2015
- VII. **3D Animasyon ve Sanal Gerçeklik**
TARHAN S., ÖZGÜVEN M. M., BEYAZ A.
in: Bilgi Teknolojilerinin Tarımda Kullanımı Handbook of Agricultural Engineering Volume VI Information Technology, Sefa TARHAN ve Mehmet Metin ÖZGÜVEN, Editor, ASABE. American Society of Agricultural Engineers, Kyoto, pp.469-480, 2015
- VIII. **Machine Vision Measurement Technology and Agricultural Applications**
BEYAZ A.
in: Advanced Topics in Measurements, Haq Zahurul, Editor, INTECH, Rijeka, pp.131-162, 2012

Refereed Congress / Symposium Publications in Proceedings

- I. **Accuracy Detection of Intel® Realsense D455 Depth Camera for Agricultural Applications**
Beyaz A.
XIII International Scientific Agricultural Symposium "Agrosym 2022", Sarajevo, Bosnia And Herzegovina, 6 - 09 October 2022, pp.185-194
- II. **Precision Agriculture Based Modular Automation System for Monitoring and Management of Microalgal Culture**
PARLAK D., DEMİR A. N., BEYAZ A., COŞKUN T.
14th International Symposium on Fisheries and Aquatic Sciences (FABA 2021), İzmir, Turkey, 07 September 2021, pp.26
- III. **LabVIEW Based Real-Time Color Measurement**
BEYAZ A.
XI International Scientific Agriculture Symposium "AGROSYM 2020", Jahorina, Bosnia And Herzegovina, 8 - 09 October 2020, pp.469
- IV. **LabVIEW Based Real-Time Egg Yolk Color Tone Measurement System**
BEYAZ A.
XI International Scientific Agriculture Symposium "AGROSYM 2020", Jahorina, Bosnia And Herzegovina, 8 - 09 October 2020, pp.468
- V. **Hasat Sonrası Ürünlerin Korunmasına Yönelik Mekanizasyon Otomasyon Ve Mücadele Teknikleri**
Özgüven M. M., Beyaz A., Ormanoğlu N., Aktaş T., Emekci M., Ferizli A. G., Çilingir İ., Çolak A.
Türkiye Ziraat Mühendisliği IX. Teknik Kongresi, Ankara, Turkey, 13 - 17 January 2020, vol.1, pp.301-324
- VI. **Determining Percentage of Crop Residue Cover Using the Line Transect Method**
Dursun İ., Dursun E., Beyaz A., Gerdan D.
International Eurasian Conference on Science, Engineering and Technology, EuraSciEnTech 2018, Ankara, Turkey, 22 - 23 November 2018
- VII. **Kesilen Hat Yönteminden Yararlanılarak Bitki Yüzey Artığı Kaplama Yüzdesinin Belirlenmesi**
DURSUN İ., DURSUN E., BEYAZ A., GERDAN D.
International Eurasian Conference on Science, Engineering and Technology, EurasianSciEnTech 2018, Ankara, Turkey, 22 - 23 November 2018, pp.673-680
- VIII. **Color-Based Filled Bottle Detection System Using LabVIEW**
BEYAZ A., GERDAN D.
IX International Scientific Agriculture Symposium "AGROSYM 2018", SARAYBOSNA, Bosnia And Herzegovina, 4 - 07 October 2018, pp.374
- IX. **A Tractor Mounted Auger Drill Stress Analysis by Using Autodesk Inventor Nastran in Cad Module**

BEYAZ A., GERDAN D.

IX International Scientific Agriculture Symposium "AGROSYM 2018", 4 - 07 October 2018, pp.375

- X. **Determination of Percent Crop Residue Cover by Drone and Image Processing Method in Wheat Field After Harvesting**
Dursun İ., Dursun E., Beyaz A., Gerdan D.
International Congress on Engineering and Life Science, ICELIS 2018, Kastamonu, Turkey, 26 - 29 April 2018
- XI. **Real Time Enzymatic Browning Detection on Quinces (Cydonia Oblongo) by Using Labview Software.**
BEYAZ A., DURSUN E., DURSUN İ.
VIII International Agriculture Symposium AGROSYM 2017, Saraybosna, Bosnia And Herzegovina, 5 - 08 October 2017, pp.558
- XII. **Methods and Practises to Reduce Spray Drift for Boom Sprayers.**
Dursun E., Dursun İ., Beyaz A.
VIII International Agriculture Symposium AGROSYM 2017, Sarajevo, Bosnia And Herzegovina, 5 - 08 October 2017, pp.904
- XIII. **Detection of Enzymatic Browning on Banana Using Color Analysis**
BEYAZ A., DURSUN E., DURSUN İ.
VIII International Agriculture Symposium AGROSYM 2017, Saraybosna, Bosnia And Herzegovina, 5 - 08 October 2017, pp.557
- XIV. **Some Measuring Methods of Percent Crop Residue Cover**
Dursun E., Dursun İ., Beyaz A.
Agrosym 2017, VIII. International Scientific Agriculture Symposium, Sarajevo, Bosnia And Herzegovina, 5 - 08 October 2017, pp.901
- XV. **Real Time Enzymatic Browning Detection on Quinces (Cydonia Oblong) by Using Labview Software**
Beyaz A., Dursun E., Dursun İ.
Agrosym 2017, VIII. International Scientific Agriculture Symposium, Sarajevo, Bosnia And Herzegovina, 5 - 08 October 2017, pp.558
- XVI. **Methods and Practices to Reduce Spray Drift for Boom Sprayers**
Dursun E., Dursun İ., Beyaz A.
Agrosym 2017, VIII. International Scientific Agriculture Symposium, Sarajevo, Bosnia And Herzegovina, 5 - 08 October 2017
- XVII. **Real Time Enzymatic Browning Detection on Quince (Cydonia Oblongo) by Using Labview Software.**
BEYAZ A., DURSUN E., DURSUN İ.
AgroSym 2017, VIII. International Agriculture Symposium, Jahorina, Bosnia And Herzegovina, 5 - 08 October 2017, pp.558
- XVIII. **Evaluation of Droplet Size Spectra for Agricultural Pesticide Applications Using Water Sensitive Paper and Image Analysis Technique**
BEYAZ A., ÇİLİNGİR İ., DAĞTEKİN M., GERDAN D.
13th International Congress on Mechanization and Energy in Agriculture International Workshop on Precision Agriculture, İzmir, Turkey, 13 - 15 September 2017, pp.57
- XIX. **Kinematic Analysis of Tractor Motor Crank - Rod Mechanism**
BEYAZ A., DAĞTEKİN M.
13th International Congress on Mechanization and Energy in Agriculture International Workshop on Precision Agriculture, İzmir, Turkey, 13 - 15 September 2017, pp.58
- XX. **Tarımsal Üretimde Enerji Verimliliğinin Planlanması ve Sağlanması**
BEYAZ A., ONURBAŞ AVCIOĞLU A., DAYIOĞLU M. A., TÜRKER U.
8. Enerji Verimliliği Forumu ve Fuarı , 2017, Turkey, 11 - 12 January 2017
- XXI. **Mechanic and ANSYS Simulation Image Analysis of Brinell Indentation Measurement**
BEYAZ A., KOÇ C., VATANDAŞ M.
Sixth International Conference on Energy Efficiency and Agricultural Engineering, Ruse, Bulgaria, 11 - 12 November 2015, pp.78-87
- XXII. **Low cost Arduino Based Colormeter Effectiveness Determination at Agricultural Products**

BEYAZ A., BEYAZ R.

Sixth International Conference on Energy Efficiency and Agricultural Engineering, Ruse, Bulgaria, 11 - 12 November 2015, pp.63-77

XXIII. Traktörde Güvenlik Amaçlı Galvanik Deri Tepkisi Sensörü Kullanım Olanaklarının Belirlenmesi

BEYAZ A., BEYAZ R.

21. Ulusal Ergonomi Kongresi, Isparta, Turkey, 2 - 04 October 2015, vol.15

XXIV. Farklı Model Traktör Kullanımının Verdiği Güven Düzeyinin Galvanik Deri Tepkisi Sensörü Kullanılarak Belirlenmesi

BEYAZ A., BEYAZ R., DİLARA G.

21. Ulusal Ergonomi Kongresi, Isparta, Turkey, 2 - 04 October 2015, pp.15-21

XXV. Gerçek Zamanlı Video İşleme Tekniği İle Parmak Uzunluğu Ölçümü

BEYAZ A., ÖZTÜRK R.

20. Ulusal Ergonomi Kongresi, Ankara, Turkey, 26 - 28 September 2014, pp.12

XXVI. Görüntü İşleme Tekniği İle Yüklenmeye Bağlı Sırt Duruşunun Belirlenmesi

BEYAZ A., ÖZTÜRK R.

19. Ulusal Ergonomi Kongresi, Balıkesir, Turkey, 27 - 29 September 2013, pp.393-398

XXVII. Brinell Sertlik Ölçme Yönteminde Görüntü Analiz Tekniğinden Yararlanma Olanakları

BEYAZ A., ÖZTÜRK R.

28. Ulusal Tarımsal Mekanizasyon Kongresi, Konya, Turkey, 4 - 06 September 2013, pp.68-73

XXVIII. Süt Sağım Tesislerinde Görüntü Analiz Teknikleri ile Fiziksel Yüklenmenin Belirlenmesi

BEYAZ A., ÖZTÜRK R., ACAR A. İ.

18. Ulusal Ergonomi Kongresi, Gaziantep, Turkey, 16 - 18 November 2012, pp.511-518

XXIX. Biçerdöver Sarsaklarında Kinematik Analiz

BEYAZ A., ÖZTÜRK R.

27. Tarımsal Mekanizasyon Ulusal Kongresi, 5-7 Eylül 2012, Samsun. Kongre Bildiri Kitabı, 298-305 s., Samsun, Turkey, 5 - 07 September 2012, pp.298-305

XXX. Kinematic Analysis of Electro - Pneumatic Onion Sorting Simulator

ÖZTÜRK R., BEYAZ A., KOÇ C., ACAR A. İ.

Power and Machinery International Conference of Agricultural Engineering CIGR AgEng 2012, 8 - 12 July 2012

XXXI. Kinematic Analysis of Fingered Type Mounted Mower Crank Mechanism by Using MSC ADAMS Software

BEYAZ A., YEGÜL U.

International Conference of Agricultural Engineering, Spain, 8 - 12 July 2012

XXXII. The Determination of Sharpness Change of Agricultural Machine Blades by Using Image Analysis Technique

BEYAZ A.

The International Conference of Agricultural Engineering (CIGR-AgEng2012), Valencia, Spain, 8 - 12 July 2012

XXXIII. El Antropometrisinin Görüntü Analiz Yöntemi Kullanılarak Belirlenmesinde Paralak Hataları

BEYAZ A., ÖZTÜRK R., ACAR A. İ.

17. Ulusal Ergonomi Kongresi, Eskişehir, Turkey, 14 - 16 October 2011, pp.28-36

XXXIV. Tarım İşçileri El Antropometrisinin Görüntü Analiz Yöntemi Kullanılarak Belirlenmesi

BEYAZ A., EMİNOĞLU M. B., ACAR A. İ., ÖZTÜRK R., TÜRKER U.

16. Ulusal Ergonomi Kongresi, Çorum, Turkey, 3 - 05 December 2010, pp.22

XXXV. Çapa Makinası ve Traktör Toprak Frezesi İle Çalışan Operatörlerin Fiziksel Yüklenmesinin Karşılaştırılması

EMİNOĞLU M. B., BEYAZ A., OREL O., ACAR A. İ., ÖZTÜRK R.

16. Ulusal Ergonomi Kongresi, Çorum, Turkey, 3 - 05 December 2010, pp.66

XXXVI. Image Analyze Technique for Measurements of Apple and Peach Tree Canopy Volume

BEYAZ A., ÖZGÜVEN M. M., ÖZTÜRK R., ACAR A. İ., TÜRKER U.

Energy Efficiency and Agricultural Engineering Fourth International Scientific Conference, ROUSSE, Bulgaria, 1 - 03 October 2009, pp.22-30

- XXXVII. **Determination of Work Quality with Different Types of Sugar Beet Harvesters**
BEYAZ A., ÇOLAK A., EMİNOĞLU M. B., ÖZTÜRK R., ACAR A. İ.
XVII th. World Congress of the International Commission of Agricultural and Biosystems Engineering, Quebec, Canada, 13 - 17 June 2010, pp.248-258
- XXXVIII. **Comparison of Tractor Rotary Tiller Combination and Power Tiller in terms of Energy Expenditure of Operators**
EMİNOĞLU M. B., BEYAZ A., OREL O., ÖZTÜRK G., ÖZTÜRK R., ACAR A. İ.
XVII th. World Congress of the International Commission of Agricultural and Biosystems Engineering, Quebec, Canada, 13 - 17 June 2010, pp.238-246
- XXXIX. **Kahramanmaraş Kırmızıbiberinde Capsicum annuum L Görüntü Analiz Yöntemi İle Hacim Belirlenmesi**
BEYAZ A., ÖZGÜVEN M. M., ÖZTÜRK R., ACAR A. İ.
Tarımsal Mekanizasyon 25. Ulusal Kongresi, Isparta, Turkey, 1 - 03 October 2009
- XL. **Image Analyze Technique for Measurements of Apple and Peach Tree Canopy Volume**
BEYAZ A., ÖZGÜVEN M. M., ÖZTÜRK R., ACAR A. İ., TÜRKER U.
Energy Efficiency And Agricultural Engineering Fourth International Scientific Conference, ROUSSE, Bulgaria, 1 - 03 October 2009, pp.22-30
- XLI. **Determining Postural Discomfort at Working with Power Tiller**
EMİNOĞLU M. B., ÖZGÜVEN M. M., BEYAZ A., ÖZTÜRK R., ACAR A. İ.
Energy Efficiency and Agricultural Engineering Fourth International Scientific Conference, ROUSSE, Bulgaria, 1 - 03 October 2009, pp.31-35
- XLII. **Determining Postural Discomfort at Working with Power Tiller**
EMİNOĞLU M. B., ÖZGÜVEN M. M., BEYAZ A., ÖZTÜRK R., ACAR A. İ.
Energy Efficiency and Agricultural Engineering Fourth International Scientific Conference, ROUSSE, Bulgaria, 1 - 03 October 2009, pp.31-35

Metrics

Publication: 99

Citation (WoS): 85

Citation (Scopus): 93

H-Index (WoS): 6

H-Index (Scopus): 6

Artistic Activity

BEYAZ A., Arduino Temelli İki Eksenli Solar Güç Takip Sistemi, November 2017

BEYAZ A., İnsansız Hava Aracı Destekli Tarım Arazisi Haritalama, October 2017

BEYAZ A., İnsansız Hava Aracı ile Hayvan Besleme Amaçlı Anızlı Tarım Arazisi Haritalama, October 2017

BEYAZ A., Labview Temelli Çiçek Yaprak Örneği Rengi Algılama Sistemi, September 2017

BEYAZ A., Labview Temelli Yağmur Algılama Sistemi, September 2017

BEYAZ A., Tarımsal Amaçlı Kablosuz Video Transferi Yapabilen Mobil Arazi Aracı Modeli, September 2017

BEYAZ A., Labview Temelli Solar Güç Ölçüm Sistemi, January 2017

BEYAZ A., Yenilenebilir enerji amaçlı üretilen biyokütleinin insansız hava araçları ile tespit olanakları üzerine Labview temelli bir yazılım çalışması (16. Uluslararası Sera, Tarım Ekipmanları ve Teknolojileri Fuarı), November 2016

BEYAZ A., Yenilenebilir enerji amaçlı üretilen biyokütleinin insansız hava araçları ile tespit olanakları (EIF 2016-9.Uluslararası Enerji Kongresi & Fuarı CONGRESIUM ANKARA ATO ULUSLARARASI KONGRE VE SERGİ SARAYI), November 2016

BEYAZ A., 15. Uluslararası Sera, Tarım Ekipmanları ve Teknolojileri Fuarı (Growtech), December 2015