

## Prof. AHMET İNCE

### Personal Information

Office Phone: [+90 322 338 6408](tel:+903223386408)

Email: [aince@cu.edu.tr](mailto:aince@cu.edu.tr)

Web: <https://avesis.cu.edu.tr//aince>

Address: Çukurova Üniversitesi, Ziraat Fakültesi, Tarım Makinaları Bölümü 01330 Balcalı, Adana

### International Researcher IDs

Publons / Web Of Science ResearcherID: J-9869-2018

Yoksis Researcher ID: 130465

### Education Information

Doctorate, Cukurova University, Ziraat Fakültesi, Tarım Makinaları Anabilim Dalı, Turkey 1995 - 2002

Postgraduate, Cukurova University, Ziraat Fakültesi, Tarım Makinaları Anabilim Dalı, Turkey 1993 - 1995

Undergraduate, Cukurova University, Ziraat Fakültesi, Tarım Makinaları Bölümü, Turkey 1988 - 1992

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Other, Bilirkişilik Temel Eğitimi, Çukurova Üniversitesi Hukuk Fakültesi, 2017

Occupational Health and Safety, İş Güvenliği Uzmanlığı Belgesi-CSınıfı, Çalışma ve Sosyal Güvenlik Bakanlığı İş Sağlığı ve Güvenliği Genel Müdürlüğü, 2014

Other, Farm Machinery Design, Tsukuba International Agricultural Training Center, 1999

Other, International Course on Protected Cultivation of Crops., , Institute of Agricultural Engineering, Volcani Center, 1998

Foreign Language, American Language Program, California State University Fullerton, 1993

### Dissertations

Doctorate, Biçerdöverlerde Ayırma Düzeninin Geliştirilmesi Üzerinde Çalışmalar, Cukurova University, Ziraat Fakültesi, Tarım Makinaları Anabilim Dalı, 2002

Postgraduate, Prototip Yerfıstığı Harman Makinasında Temizleme ve Ayırma Düzeninin Dengelenmesi, Cukurova University, Ziraat Fakültesi, Tarım Makinaları Anabilim Dalı, 1995

### Research Areas

Agricultural Sciences, Agriculture, Farm Machinery, Agricultural Tools and Machines, Farm equipment, Mechanization in Plant Production, Agricultural Machinery Design and Manufacturing

## Academic Titles / Tasks

Associate Professor, Cukurova University, Ziraat Fakültesi, Tarım Makinaları Bölümü, 2010 - Continues

Assistant Professor, Cukurova University, Ziraat Fakültesi, Tarım Makinaları Bölümü, 2002 - 2010

Research Assistant, Cukurova University, Ziraat Fakültesi, Tarım Makinaları Bölümü, 1994 - 2002

## Academic and Administrative Experience

Cukurova University, Ziraat Fakültesi, 2012 - Continues

## Courses

### Doctorate

Atölye Yönetimi ve Organizasyonu, Doctorate, 2012 - 2013

Tarım Makinalarında Mekanizma Uygulamaları, Doctorate, 2012 - 2013

### Undergraduate

Bilgisayar Destekli Teknik Resim, Undergraduate, 2018 - 2019

Bilgisayar Destekli Tasarım, Undergraduate, 2018 - 2019

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

- I. **An Approach to Color Change and Quality Relation in Roughages**  
İNCE A., VURARAK Y.  
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.25, no.1, pp.21-28, 2019 (SCI-Expanded)
- II. **Operating Conditions of a Peanut Sizing Machine for Optimum Performance**  
İNCE A., AKÇALI İ. D.  
PHILIPPINE AGRICULTURAL SCIENTIST, vol.101, no.1, pp.70-75, 2018 (SCI-Expanded)
- III. **Selected engineering properties of tiger nut as a function of moisture content and variety**  
İNCE A., VURSAVUŞ K. K., VURARAK Y., CUBUKCU P., ÇEVİK M. Y.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.41, no.4, pp.263-271, 2017 (SCI-Expanded)
- IV. **Effects of maturity stages on textural mechanical properties of tomato**  
İNCE A., ÇEVİK M. Y., VURSAVUŞ K. K.  
INTERNATIONAL JOURNAL OF AGRICULTURAL AND BIOLOGICAL ENGINEERING, vol.9, no.6, pp.200-206, 2016 (SCI-Expanded)
- V. **Impact Resistance of Peanut**  
UGURLUAY S., AKÇALI İ. D., GÜZEL E., İNCE A.  
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, vol.16, no.3, pp.684-697, 2013 (SCI-Expanded)
- VI. **Comparing the Performance of Conventional and Stripping Headers in Wheat Harvest**  
SAY S. M., İNCE A., UGURLUAY S., SOYSAL A.  
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.16, no.4, pp.242-253, 2010 (SCI-Expanded)
- VII. **Mechanical Behavior of Hulled Peanut and Its Kernel During the Shelling Process**  
İNCE A., UGURLUAY S., GÜZEL E., ÖZCAN M. T.  
PHILIPPINE AGRICULTURAL SCIENTIST, vol.92, no.1, pp.92-99, 2009 (SCI-Expanded)
- VIII. **Effect of Sliding Speed, Abrasion Surface and Normal Load on Coefficient of Friction of Grapefruit (Citrus paradisi)**  
İNCE A., VURSAVUŞ K. K.  
PHILIPPINE AGRICULTURAL SCIENTIST, vol.91, no.3, pp.308-314, 2008 (SCI-Expanded)
- IX. **Behavior of peanut bulk under static loads**  
GÜZEL E., AKÇALI İ. D., İNCE A.

- JOURNAL OF FOOD ENGINEERING, vol.80, no.2, pp.385-390, 2007 (SCI-Expanded)
- X. **Selected physical properties of peanuts**  
Akcali I., Ince A., Guzel E.  
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, vol.9, no.1, pp.25-37, 2006 (SCI-Expanded)
- XI. **Bending and shearing characteristics of sunflower stalk residue**  
İNCE A., UĞURLUAY S., GÜZEL E., ÖZCAN M. T.  
BIOSYSTEMS ENGINEERING, vol.92, no.2, pp.175-181, 2005 (SCI-Expanded)
- XII. **Research on the fatigue behavior for peanut shelling**  
Guzel E., Akcali I., Mutlu H., Ince A.  
JOURNAL OF FOOD ENGINEERING, vol.67, no.3, pp.373-378, 2005 (SCI-Expanded)

## Articles Published in Other Journals

- I. **EFFECTS OF DIFFERENT ROUGHAGE HARVESTING SYSTEMS ON YIELD AND DRY MATTER LOSSES**  
Vurarak Y., İNCE A., Bilgili M. E.  
SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE, vol.61, no.2, pp.96-100, 2018 (ESCI)
- II. **Different Tillage Possibilities for Second Crop in Green Bean Farming**  
GÜZEL E., İNCE A., ÖZLÜOYMAK Ö. B.  
International Journal of Biological, Biomolecular, Agricultural, Food and Biotechnological Engineering, no.11, pp.489-492, 2017 (Peer-Reviewed Journal)
- III. **Effects of Different Harvesting Methods and Bale Shape on Hay Quality**  
VURARAK Y., İNCE A., BİLGİLİ M. E., YÜCEL H.  
Chemical Engineering Transactions, vol.58, pp.295-300, 2017 (Scopus)
- IV. **An approach for determination of quality in hay bale and haylage**  
İNCE A., VURARAK Y., SAY S. M.  
Agronomy Research, vol.14, no.3, pp.779-782, 2016 (Scopus)
- V. **Comparing Different Harvesting Systems in Wheat Harvesting**  
İNCE A., SAY S. M., Kara O., Bilgili M. E.  
Tarım Makinaları Bilimi Dergisi, 2011 (Peer-Reviewed Journal)
- VI. **Some Physical Properties of Jojoba Fruit Related with Design of Processing Equipments**  
İNCE A., GÜZEL E.  
Tarım Makinaları Bilimi Dergisi, vol.4, no.4, 2010 (Peer-Reviewed Journal)
- VII. **Influence of Apple Region and Variety on the Mechanical Properties and Bruise Threshold of Apples**  
VURSAVUŞ K. K., İNCE A.  
TARIM MAKİNALARI BİLİMİ DERGİSİ, no.3, pp.257-266, 2007 (Peer-Reviewed Journal)
- VIII. **Domat ve Gemlik Zeytin Çeşitlerinde Bazı Fiziksel Özelliklerin Olgunlaşma Periyodu Süresince Değişimi**  
Gümüšoğlu G., İNCE A., GÜZEL E.  
Tarım Makinaları Bilimi Dergisi, vol.2, no.3, pp.239-244, 2006 (Peer-Reviewed Journal)
- IX. **Domat ve Gemlik Zeytin Çeşitlerinde Bazı Fiziksel Özelliklerinin Olgunlaşma Periyodu Süresince Değişimi**  
Gümüšoğlu G., İNCE A., GÜZEL E.  
Tarım Makinaları Bilimi Dergisi, vol.2, no.3, pp.239-244, 2006 (Peer-Reviewed Journal)
- X. **Ayçiçeği Sapının Parçalanmaya Yönelik Bazı Mekanik Özelliklerin Belirlenmesi**  
UĞURLUAY S., İNCE A., GÜZEL E., ÖZCAN M. T.  
Tarım Makinaları Bilimi Dergisi, vol.1, no.2, pp.153-159, 2005 (Peer-Reviewed Journal)
- XI. **Determining of some mechanical properties of sunflower stalks with related to chopping**  
UĞURLUAY S., İNCE A., GÜZEL E., ÖZCAN M. T.  
Journal of Agricultural Machinery Science, vol.1, no.2, pp.153-158, 2005 (Peer-Reviewed Journal)

## Books

- I. **İzometrik Çizim Esasları ve Uygulamalar**  
Say S. M., Şehri M., İnce A., Uluocak İ., Çevik M. Y.  
in: Bilgisayar destekli tasarımın temelleri ve uygulamalar, Mustafa Şehri,Sait Say, Editor, Karahan Kitabevi Yayınları, Ankara, pp.217-221, 2017
- II. **Bazı Taneli Ürünler İçin Sınıflama Makinası Geliştirilmesi**  
AKÇALI İ. D., İNCE A., GÜZEL E.  
Mactimarum2011bap1 Sonuç Raporu, Bilimsel Araştırma Projeleri Koordinasyon Birimi, Adana, 2014

## Papers Published in Refereed Scientific Meetings

- I. **Construction and Evaluation of The Wind Tunnel Technique for Estimating Ammonia Volatilization from Land**  
Hesar L. G., İNCE A., Ekinci K., Gücüm H., Vurarak Y.  
3rd International Conference on Research of Agricultural and Food Technologies, I-CRAFT 2023, Adana, Turkey, 4 - 06 October 2023, vol.85
- II. **Livestock Waste Management in Turkey**  
Ghanizadeh Hesar L., İNCE A., ÇEVİK M. Y.  
International Conference of Research on Agricultural and Food Technologies, 3 - 05 October 2019
- III. **Effects of Different Roughage Harvesting Systems on Yield and Dry Matter Losses**  
Vurarak Y., İNCE A., Bilgili M. E.  
International Conference Agriculture fof Life, Life for Agriculture, 7 - 09 June 2018
- IV. **Biçerdöverlerle Hasatta Buğday Dane Kayıp Sınır Değerinin Belirlenmesi İçin Bir Metod Önerisi**  
SAY S. M., VURARAK Y., ŞEHRİ M., İNCE A.  
II. Uluslararası Multidisipliner Çalışmaları Kongresi, Adana, Turkey, 4 - 05 May 2018, vol.1, pp.1037
- V. **Different Tillage Possibilities for Second Crop in Green Bean Farming.**  
BAYHAN Y., GÜZEL E., Özlüoymak B., İNCE A., SESSİZ A.  
ICABSE 2017: 19th International Conference onAgricultural and Biological Systems Engineering, Londrina, Brazil, 21 - 22 August 2017
- VI. **Combine Speed Strategies in Wheat Harvesting in Turkey Conditions**  
SAY S. M., İNCE A., ŞEHRİ M.  
XXXVII CIOSTA&CIGR Section V Conference, Palermo, Italy, 13 - 15 June 2017, vol.1, pp.43
- VII. **Determiation of the effects of different harvesting systems and bale shape on hay quality**  
Vurarak Y., İNCE A., Bilgili M. E., Yücel H.  
XXXVII CIOSTA CIGR Section V Conference, 13 - 15 June 2017
- VIII. **Combine Speed Strategies in Wheat Harvesting in Turkiye Conditions**  
SAY S. M., İNCE A., ŞEHRİ M.  
XXXVII CIOSTA CIGR Section V Conference, 13 - 15 June 2017
- IX. **Development of Automatic Farm Manure Spreading Machine for Orchards**  
ÖZLÜOYMAK Ö. B., GÜZEL E., İNCE A.  
ICEA 2017:19th International Conferance on Agricultural Engineering, Lisbon, Portugal, 16 - 17 April 2017, vol.19, pp.719-724
- X. **An Approach for Determiation of Quality Hay bale and Haylage**  
İNCE A., Vurarak Y., SAY S. M.  
7th International Conference on Biosystems Engineering, 12 - 13 May 2016
- XI. **Sonlu Elemanlar Yöntemi ile Çizel Ayağında Statik Yük Analizi**  
ÇEVİK M. Y., İNCE A., ÖZCAN M. T., ERDEM T.  
29. ULUSALTARIMSAL MEKANİZASYONVE ENERJİ KONGRESİ, Diyarbakır, Turkey, 2 - 05 September 2015
- XII. **SONLU ELEMENLAR YÖNTEMİ İLE ÇİZEL AYAĞINDA STATİK YÜK ANALİZİ**

İNCE A., ÖZCAN M. T.

29.ULUSAL TARIMSAL MEKANİZASYON VE ENERJİ KONGRESİ, Diyarbakır, Turkey, 2 - 05 September 2015, vol.1, pp.101-106

**XIII. Some Physical Properties of Jojoba Fruit Related with Design of Processing Equipments**

ÖZLÜOYMAK Ö. B., İNCE A., GÜZEL E., ÖZCAN M. T., Uğurluay S.

10th International Congress on Mechanization and Energy in Agriculture, Antalya, Turkey, 14 - 17 October 2008, pp.821-825

**XIV. Some Physical Properties of Jojoba Fruit Related with Desing of Processing Equipments.**

İNCE A., ÖZCAN M. T.

. 10th International Congress on mechanization and Energyin Agriculture., Antalya, Turkey, 14 - 17 October 2008, pp.821-825

**XV. Effects of gynophore breaking resistance on losses in mechanized peanut harvesting**

İNCE A., GÜZEL E.

International Conference on Crop Harvesting and Processing, Louisville, Kentucky, United States Of America, 9 - 11 February 2003

**XVI. Separating and threshing efficiency of screw-conveyor used for separating and transporting**

Ince A., GUZEL E.

International Conference on Trends in Agricultural Engineering, PRAGUE, Czech Republic, 15 - 17 September 1999, pp.165-168

## Supported Projects

İNCE A., GÜÇÜM H., Project Supported by Higher Education Institutions, HİDROLİK ÇENELİ AĞAÇ BUDAMA APARATI PROTOTİPİ TASARIMI VE İMALATI, 2019 - 2020

İNCE A., BİLGİLİ M. E., YÜCEL H., VURARAK Y., Project Supported by Higher Education Institutions, Effects of Different Harvesting Methods and Bale Shape on Hay Quality, 2017 - 2017

İNCE A., SAY S. M., VURARAK Y., Project Supported by Higher Education Institutions, An approach for determination of quality in hay bale and haylage, 2016 - 2016

ELEKCİOĞLU İ. H., ATAKAN E., İNCE A., Project Supported by Higher Education Institutions, Çukurova Üniversitesi Ziraat Fakültesi Araştırma ve Uygulama Çiftliği Pastörize Süt Dolum-Paketleme ve Yardımcı Aksamaları Projesi, 2014 - 2016

AKÇALI İ. D., ÖZLÜOYMAK Ö. B., YÜREKLİ O., İNCE A., ESEN R., MUTLU H., Project Supported by Higher Education Institutions, Hareketli Pano Sistemi, 2014 - 2016

AKÇALI İ. D., GÜZEL E., UĞURLUAY S., İNCE A., Project Supported by Higher Education Institutions, Impact Resistance of Peanut, 2014 - 2016

İNCE A., Project Supported by Higher Education Institutions, Bazı Yem Bitkileri Karışımlarında Farklı Hasat ve Muhafaza Sistemlerinin Makina İşletmecilik Değerleri ve Yem Kalitesi Üzerine Olan Etkilerinin Belirlenmesi, 2013 - 2016

## Metrics

Publication: 42

Citation (WoS): 104

Citation (Scopus): 166

H-Index (WoS): 4

H-Index (Scopus): 5

## Non Academic Experience

Çukurova Üniversitesi, Öğretim Elemanı