

## Assoc. Prof. NÜKET ALTINDAL

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Tarla Bitkileri (Dr), Turkey 2005 - 2014

Postgraduate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Tarla Bitkileri (YI) (Tezli), Turkey 2001 - 2005

Undergraduate, Akdeniz University, Ziraat Fakültesi, Tarla Bitkileri Bölümü, Turkey 1995 - 1999

### Dissertations

Doctorate, Kimyasal mutagen (etil metansülfonat) uygulamasıyla patatestede (*Solanum tuberosum* L.) varyasyonun oluşturulması ve moleküler markırlarla tanımlanması, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Tarla Bitkileri (Dr), 2014

Postgraduate, Çavdarda (*Secale cereale* L.) anter kültüründe ploidi, ön işlem ve besi ortamı içeriğinin etkisi, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Tarla Bitkileri (YI) (Tezli), 2005

### Research Areas

Agricultural Sciences

### Academic Titles / Tasks

Associate Professor, Usak University, SİVASLI MESLEK YÜKSEKOKULU, BİTKİSEL VE HAYVANSAL ÜRETİM BÖLÜMÜ, 2020 - Continues

Usak University, SİVASLI MESLEK YÜKSEKOKULU, BİTKİSEL VE HAYVANSAL ÜRETİM BÖLÜMÜ, 2015 - 2020

Lecturer, Usak University, SİVASLI MESLEK YÜKSEKOKULU, BİTKİSEL VE HAYVANSAL ÜRETİM BÖLÜMÜ, 2013 - 2014

Research Assistant, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Tarla Bitkileri (Dr), 2006 - 2013

### Academic and Administrative Experience

Usak University, 2019 - Continues

Usak University, 2018 - Continues

Usak University, 2017 - Continues

Usak University, 2017 - 2018

Usak University, 2015 - 2017

## Courses

BİTKİ BESLEME VE GÜBRELEME, Associate Degree, 2019 - 2020, 2017 - 2018, 2015 - 2016, 2014 - 2015  
PROJE, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016  
TOPRAK BİLGİSİ, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2013 - 2014  
BİYOTEKNOLOJİ, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
TOHUM TEKNOLOJİLERİ (SEÇ.), Associate Degree, 2018 - 2019, 2017 - 2018, 2016 - 2017  
TIBBİ VE AROMATİK BİTKİLER (SEÇ.), Associate Degree, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014  
Bitki Sistematiği, Associate Degree, 2018 - 2019  
TARLA BİTKİLERİ (SEÇ.), Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016  
TARIMDA İŞÇİ SAĞLIĞI ve İŞ GÜVENLİĞİ, Associate Degree, 2017 - 2018  
GENETİK, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016  
ORGANİK ÜRÜNLERİ İŞLEME TEKNOLOJİSİ (SEÇ.), Associate Degree, 2016 - 2017, 2014 - 2015, 2013 - 2014  
ORGANİK ÜRÜNLERİN PAZARLANMASI (SEÇ.), Associate Degree, 2016 - 2017  
PARFÜM BİTKİLERİ DEĞERLENDİRME TEKNOLOJİSİ, Associate Degree, 2015 - 2016  
MATEMATİK 1, Associate Degree, 2015 - 2016  
FİTOTERAPİ, Associate Degree, 2015 - 2016  
BOYA BİTKİLERİ DEĞERLENDİRME TEKNOLOJİSİ, Associate Degree, 2015 - 2016  
MİKROBİYOLOJİ, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014  
TIBBİ ve AROMATİK BİTKİLER TOHUMCULUĞU, Associate Degree, 2015 - 2016  
DROG HAZIRLAMA TEKNİĞİ, Associate Degree, 2015 - 2016  
BAHARAT ve KEYF BİTKİLERİ DEĞERLENDİRME, Associate Degree, 2015 - 2016  
TIBBİ VE AROMATİK BİTKİLER, Associate Degree, 2014 - 2015  
BOTANİK, Associate Degree, 2014 - 2015, 2013 - 2014  
Bitki Biyokimyası, Associate Degree, 2014 - 2015, 2013 - 2014  
TIBBİ ve AROMATİK BİTKİLER ANATOMİSİ, Associate Degree, 2014 - 2015, 2013 - 2014  
Tıbbi ve Aromatik Bitkiler Yetiştirme Tekniği I, Associate Degree, 2014 - 2015  
TIBBİ VE AROMATİK BİTKİLER YETİŞTİRİCİLİĞİ I, Associate Degree, 2013 - 2014  
TIBBİ VE AROMATİK BİTKİLER SİSTEMATİĞİ, Associate Degree, 2013 - 2014  
TARIMSAL YAPILAR VE SULAMA (SEÇ.), Associate Degree, 2013 - 2014

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

- I. **Molecular characterization of Helianthus tuberosus L. treated with ethyl methanesulfonate based on inter-simple sequence repeat markers**  
ALTINDAL N.  
International Journal of Environmental Science and Technology, vol.16, no.9, pp.5311-5318, 2019 (SCI-Expanded)
- II. **The effects of ethyl methanesulfonate applications on contents of macro and micro elements in sunflower (Helianthus annuus L.) cultivated in vitro under saline conditions**  
ALTINDAL N.  
Pakistan Journal of Botany, vol.51, no.6, pp.1929-1938, 2019 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Çavdarda (Secale cereale L.) Anter Kültürü ile Kallus Oluşumu ve Bitki Rejenerasyonu Üzerine Genotip, Soğuk Uygulama ve Besi Ortamlarının Etkisi**  
ALTINDAL N., AKGÜN İ.  
Avrupa Bilim ve Teknoloji Dergisi, no.16, pp.559-566, 2019 (Peer-Reviewed Journal)
- II. **ALLELOPATHIC EFFECTS OF OLIVE OIL MILL WASTEWATER (OMW) ONSAINFOIN (Onobrychis viciifolia Scop.) GERMINATION**

ALTINDAL D., ALTINDAL N.

International Journal of Agriculture, Forestry and Life Science, vol.2, no.2, pp.87-92, 2018 (Peer-Reviewed Journal)

- III. **Effect of Ethyl Methanesulphonate (EMS) Applications on In Vitro Growth of Sunflower (*Helianthus annuus* L. cv. Palancı-I) under Salinity Conditions**  
ALTINDAL D., ALTINDAL N.  
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.8, pp.351-359, 2018 (Peer-Reviewed Journal)
- IV. **Tritikale (X *Triticosecale* Wittmack) Genotiplerinin ISSR-PCRYöntemi ile Moleküler Düzeyde Tanımlanması**  
ALTINDAL D., ALTINDAL N., AKGÜN İ.  
Journal of Tekirdag Agricultural Faculty, vol.14, no.03, pp.19-26, 2017 (Scopus)
- V. **Molecular characterization of triticale genotypes (X *triticosecale* wittmack) based on ISSR-PCR Tritikale (X *Triticosecale* Wittmack) genotiplerinin ISSR-PCR yöntemi ile moleküler düzeyde tanımlanması**  
Altindal D., ALTINDAL N., Akgün I.  
Journal of Tekirdag Agricultural Faculty, vol.14, no.3, pp.19-26, 2017 (Scopus)
- VI. **Effects of Carbohydrate Sources Pre-chilling Application and Ploidy Levels on Anther Culture in Rye (*Secale cereale* L.)**  
AKGÜN İ., ALTINDAL N.  
Academia Journal of Biotechnology, vol.3, no.6, pp.111-116, 2015 (Peer-Reviewed Journal)
- VII. **Using Facilities of Spent Mushroom Compost (SMC) in Potato (*Solanum tuberosum* L.) Cultivation**  
ALTINDAL N., ALTINDAL D.  
International Journal of Science and Knowledge, vol.4, no.1, pp.36-40, 2015 (Peer-Reviewed Journal)
- VIII. **Patates Yumrularında Görülen Fizyolojik Anormallikler**  
ALTINDAL N., KARADOĞAN T.  
Derim, vol.25, no.01, pp.12-25, 2008 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Somaklonal Varyasyon ve Patates Islahında Kullanımı**  
ALTINDAL N.  
in: Doğa ve Mühendislik Bilimlerinde Güncel Tartışmalar 7, ÇOĞUN, Hikmet Y., ÜZMUŞ Hasan, PARLAR İshak, Editor, Bilgin Kültür Sanat Yayınları, Ankara, pp.48-56, 2022
- II. **SÜRDÜRÜLEBİLİR TARIMDA NANOSENSÖR KULLANIMI**  
ALTINDAL D., ALTINDAL N.  
in: ZİRAAT, ORMAN VE SU ÜRÜNLERİ ALANINDA GÜNCEL TARTIŞMALAR, ATİK Atilla, Editor, Duvar Yayınları, İzmir, pp.161-171, 2022
- III. **Variety of Microbial Organic Compounds That Induce Plant Responses**  
ALTINDAL N., ALTINDAL D.  
in: Current Debates on Natural and Engineering Sciences, ÇOĞUN Hikmet Y., KARACAGİL Zeynel, Editor, Bilgin Kültür Sanat Yayınları, Ankara, pp.232-242, 2022
- IV. **UTILIZATION OF SAGE (*Salvia officinalis* L.) AND THYME (*Thymus Vulgaris* L.) AND THEIR PLACE IN ORGANIC AGRICULTURE**  
ALTINDAL D., ALTINDAL N.  
in: ORGANIC FARMING IN MANY WAYS, TOGAY Yeşim, TOGAY Necat, Editor, İKSAD, Ankara, pp.243-264, 2022
- V. **The Effects of Climate Change on the Alteration of Plant Traits**  
ALTINDAL N., ALTINDAL D.  
in: Climate Change and the Microbiome, D. K. Choudhary, Arti Mishra, Ajit Varma, Editor, SPRINGER, pp.299-307, 2021
- VI. **Agriculture and Nanoparticles**  
ALTINDAL N., ALTINDAL D.

in: Biogenic Nano-Particles and their Use in Agro-ecosystems, Ghorbanpour Mansour, Bhargava Prachi, Varma Ajit, Choudhary Devendra K., Editor, Springer, Singapore, pp.59-66, 2020

VII. **Relationship Between Field Crops and Mycorrhiza**

ALTINDAL D., ALTINDAL N.

in: Mycorrhizosphere and Pedogenesis, Ajit Varma, Devendra K. Choudhary, Editor, Springer, pp.61-72, 2019

VIII. **Plant Volatile Compounds in Growth**

ALTINDAL D., ALTINDAL N.

in: Volatiles and Food Security, Devendra K. Choudhary, Anil K. Sharma, Prachi Agarwal, Ajit Varma, Narendra Tuteja, Editor, Springer, pp.1-13, 2017

IX. **Sage (*Salvia officinalis*) Oils.**

ALTINDAL D., ALTINDAL N.

in: Essential Oils in Food Preservation, Flavor and Safety., VICTOR R PREEDY, Editor, Elsevier, pp.715-721, 2016

## **Refereed Congress / Symposium Publications in Proceedings**

I. **SAGE (*Salvia officinalis* L.) AND ITS USAGE**

ALTINDAL N., ALTINDAL D.

2. International Conference on "Agriculture, Forestry Life Sciences", Prague, 18 - 20 April 2019

II. **EFFECT OF SOME HEAVY METALS ON SEED GERMINATION CHARACTERISTICS OF SUNFLOWER (*Helianthus annuus* L.)**

ALTINDAL N.

2. International Conference on "Agriculture, Forestry Life Sciences, 18 - 20 April 2019

III. **THE EFFECT OF CHEMICAL MUTAGENS (ETHYL METHANESULFONATE) TREATMENTS ON IN VITRO GROWTH OF POTATO (*Solanum tuberosum* L.)**

ALTINDAL N., KARADOĞAN T.

2. International Conference on "Agriculture, Forestry Life Sciences", Prague, 18 - 20 April 2019

IV. **THE EFFECT OF ETHYL METHANESULFONATE (EMS) TREATMENTS ON TUBER GROWTH OF POTATO (*Solanum tuberosum* L.)**

ALTINDAL N., KARADOĞAN T.

2. International Conference on "Agriculture, Forestry Life Sciences", Prague, 18 - 20 April 2019

V. **IMPORTANCE OF TRITICALE (X TRITICOSECALE WITTMACK) AS ALTERNATIVE FODDER CROPS AND STATUS OF IN TURKEY**

ALTINDAL N., ALTINDAL D.

1. International Conference on Agriculture, Forestry Life Sciences", Budapest, Hungary, 6 - 08 September 2018

VI. **Effect of Ethyl Methane Sulphonate (EMS) Applications on Growth of Sunflower (*Helianthus Annuus* L.) in Salinity Stress**

ALTINDAL D., ALTINDAL N.

3rd INTERNATIONAL BOZOK SYMPOSIUM Regional Development and Socio-Cultural Structure, 3 - 05 May 2018, pp.46

VII. **EFFECTS OF PEG (POLYETHYLENE GLYCOL) APPLICATIONS ON GROWTH OF CHICKPEA (*CICER ARIETINUM* L.)**

ALTINDAL N.

1. International Conference on "Agriculture, Forestry Life Sciences", 6 - 08 September 2018

VIII. **TUZLU KOŞULLARDA AYÇİÇEĞİNİN (*HELIANTHUS ANNUUS* L.) GELİŞMESİ ÜZERİNE ETİL METAN SÜLFONAT (EMS) UYGULAMALARININ ETKİSİ**

ALTINDAL D., ALTINDAL N.

III. ULUSLARARASI BOZOK SEMPOZYUMU, Bölgesel Kalkınma ve Sosyo-Kültürel Yapı, Yozgat, Turkey, 3 - 05 May 2018

IX. **Allelopathic Effect of Olive Mill Wastewater (OMW) on Germination in Sainfoin (*Onobrychis viciifolia* Scop.)**

ALTINDAL D., ALTINDAL N.

International Agriculture Congress, 14 - 18 November 2016

- X. **Patates (*Solanum tuberosum* L.) Yetiřtiricilięinde Atık Mantar Kompostunun (AMK) Kullanım Olanakları**

ALTINDAL D., ALTINDAL N.

VIII. Sebze Tarımı Sempozyumu., Van, Turkey, 23 - 26 June 2010

- XI. **Korungada (*Onobrychis sativa* Lam ve *Onobrychis* ssp.) Tohum imlenmesi zerine GA3 Ve KNO3 Uygulamalarının Etkisi**

AKGÜN İ., ALTINDAL N., KARADOęAN T.

Trkiye VII.Tarla Bitkileri Kongresi, Erzurum, Turkey, 25 - 27 June 2007

- XII. **avdarda (*Secale cereale* L.) Karbon Kaynaęı, Soęuk Uygulaması ve Genotipin Anter Kltr zerine Etkisi**

AKGÜN İ., ALTINDAL N.

Trkiye VII.Tarla Bitkileri Kongresi, Erzurum, Turkey, 25 - 27 June 2007

## **Metrics**

Publication: 31

Citation (Scopus): 7

H-Index (Scopus): 2