

## Res. Asst. ONUR OKUMUŞ

### Personal Information

**Office Phone:** [+90 352 537 1790](tel:+903525371790) Extension: 38607

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

**Email:** [okumus@erciyes.edu.tr](mailto:okumus@erciyes.edu.tr)

**Web:** <https://avesis.erciyes.edu.tr/10854>

**Address:** Erciyes Üniversitesi Seyrani Ziraat Fakültesi . 2. kat NO:11 P.K. 38280 Melikgazi/KAYSERİ

### International Researcher IDs

ORCID: 0000-0001-6957-3729

Yoksis Researcher ID: 317696

### Education Information

Doctorate, Erciyes University, Ziraat Fakültesi, Tarla Bitkileri, Turkey 2022 - Continues

Postgraduate, Erciyes University, Ziraat Fakültesi, Tarla Bitkileri, Turkey 2020 - 2022

Postgraduate, Akdeniz University, Institute Of Science, Turkey 2018 - 2020

Undergraduate, Ankara University, Ziraat Fakültesi, Tarla Bitkileri Bölümü, Turkey 2014 - 2018

### Foreign Languages

Russian, A2 Elementary

English, B1 Intermediate

### Certificates, Courses and Trainings

Occupational Health and Safety, İş Sağlığı ve Güvenliği Temel Eğitimi, Sosyal Güvenlik Eğitim Araştırma Merkezi, 2022

Education Management and Planning, Program Değerlendiricisi Eğitim Çalıştayı, Ziraat Fakültesi Eğitim Programları Değerlendirme ve Akreditasyon Derneği, 2021

Technology Assessment, -İHA - 1 - Sportif Pilotluk Sertifikası, Sivil Havacılık Genel Müdürlüğü, 2021

### Dissertations

Postgraduate, THE EFFECTS OF IN VITRO MUTATION ON SALINITY TOLERANCE OF RED CLOVER (*Trifolium pratense* L.) IN M1 GENERATION, Erciyes University, Ziraat Fakültesi, Tarla Bitkileri, 2022

### Research Areas

Breeding and Breeding of Forage Crops, Biotechnology and Genetics, Tissue and Organ Culture

### Academic Titles / Tasks

## Academic and Administrative Experience

Bölüm Kalite Komisyonu Üyesi, Erciyes University, Ziraat Fakültesi, Tarla Bitkileri, 2023 - Continues

Adaptation/Exemption Committee Member, Erciyes University, Ziraat Fakültesi, Tarla Bitkileri, 2023 - Continues

Akreditasyon, Sürekli Gelişim ve Yenilenme Kurulu Üyesi, Erciyes University, Ziraat Fakültesi, Tarla Bitkileri, 2022 - Continues

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

- I. **Using Machine Learning Algorithms to Investigate the Impact of Temperature Treatment and Salt Stress on Four Forage Peas (<i>Pisum sativum</i> var. <i>arvense</i> L.)**  
OKUMUŞ O., SAY A., Eren B., Demirel F., UZUN S., YAMAN M., Aydın A.  
HORTICULTURAE, no.6, 2024 (SCI-Expanded)
- II. **Genetic Characterization of Some Species of Vetch (<i>VICIA L.</i>) Grown in Turkey with SSR Markers**  
Yıldırım C., OKUMUŞ O., UZUN S., Turkyay S. N., SAY A., BAKIR M.  
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.28, no.3, pp.518-524, 2022 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Effects of Different Salt Stress and Temperature Applications on Germination in Mung Bean (<i>Vigna radiata</i> (L.) R. Wilczek) Genotypes**  
Okumuş O., Dalda Şekerci A.  
Black Sea Journal of Agriculture, vol.7, no.3, pp.310-316, 2024 (Peer-Reviewed Journal)
- II. **Investigation of Some Forage Peas (<i>Pisum arvense</i> L.) in terms of Seed Yield under Kayseri Conditions**  
Okumuş O., Uzun S., Özaktan H.  
International Journal of Agricultural and Natural Sciences, vol.3, no.16, pp.316-321, 2023 (Peer-Reviewed Journal)
- III. **Magnetic Field Treatment in Barley: Improved Salt Tolerance in Early Stages of Development**  
Okumuş O., Doruk Kahraman N., Oğuz M. Ç., Yıldız M.  
SELÇUK JOURNAL OF AGRICULTURE AND FOOD SCIENCES, vol.37, no.3, pp.556-569, 2023 (Peer-Reviewed Journal)
- IV. **In Vitro Shoot Regeneration of Bitter Vetch (<i>Vicia ervilia</i> (L.) Willd.)**  
Karahasan L., Okumuş O., Uzun S.  
Ziraat Mühendisliği, no.376, pp.4-11, 2023 (Peer-Reviewed Journal)
- V. **Identification Of Proper Mixture Ratios In Hungarian Vetch (<i>Vicia pannonica</i> Crantz.) + Barley (<i>Hordeum vulgare</i> L.) Intercropping Systems Under Kayseri Ecological Conditions**  
Düzçekiç Y., Özaktan H., Okumuş O., Uzun S.  
Erciyes Tarım ve Hayvan Bilimleri Dergisi, vol.5, no.2, pp.50-55, 2022 (Peer-Reviewed Journal)
- VI. **Some Silage Studies Made in Turkey in The Last Five Years**  
Özdemir M., Okumuş O.  
Erciyes Tarım ve Hayvan Bilimleri Dergisi, vol.4, no.2, pp.28-37, 2022 (Peer-Reviewed Journal)
- VII. **Determination of Feed Quality Parameters of Leaves and Stems of Different Alfalfa Genotypes**  
Okumuş O., Çiftçi B., Uzun S., Kaplan M.  
Current Trends in Natural Sciences, vol.10, no.20, pp.118-121, 2021 (Peer-Reviewed Journal)
- VIII. **Effect of Maturity Stages on Potential Nutritive Value of <i>Vicia Cracca</i> (L.) Hay**

Çiftçi B., Okumuş O., Uzun S., Kaplan M.

Current Trends in Natural Sciences, vol.10, no.20, pp.43-47, 2021 (Peer-Reviewed Journal)

**IX. Fermentation, Nutritional Attributes and Gas-Methane Production of Vetiver and Soybean Mixture Silages**

Çiftçi B., Akçura S., Doran T., Okumuş O., Kaplan M., Kamalak A.

Türk Tarım ve Doğa Bilimleri Dergisi, vol.8, no.2, pp.295-300, 2021 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **İtalyan Çimi (*Lolium multiflorum* L.) Tohumlarında Çimlenme Tepkilerinin Tuzluluk ve Sıcaklık Etkileşimlerine Göre Karşılaştırılması**  
Okumuş O., Dalda Şekerci A., Uzun S.  
7. International Agriculture, Environment and Health Congress, Bursa, Turkey, 29 May - 01 June 2024, pp.1-2
- II. **Farklı Sıcaklık ve Tuz Uygulamalarının Çörek Otunda (*Nigella Sativa* L.) Çimlenme ve Fide Gelişimi Üzerine Etkisi**  
Okumuş O., Beyzi E.  
7. International Agriculture, Environment and Health Congress, Bursa, Turkey, 29 May - 01 June 2024, pp.1-2
- III. **Somatic Embryogenesis in Sainfoin (*Onobrychis viciifolia* Scop.)**  
Bozatoğrul G., Okumuş O., Uzun S.  
Current Trends in Natural Sciences, Pitesti, Romania, 16 - 18 May 2024, pp.1-2
- IV. **Determination of Grain Yield and Yield Components of Some Maize (*Zea mays* L.) Cultivars under Kayseri Conditions**  
Okumuş O., Erol O., Aksu S., Özaktan H., Uzun S.  
Current Trends in Natural Sciences, Pitesti, Romania, 16 - 18 May 2024, pp.1-2
- V. **Effect Of Salt Stress On Germination and Seedling Growth in Three Two-Row and Three Six-Row Barley Introduction Genotypes**  
Okumuş O., Doruk Kahraman N.  
12th International Molecular Biology and Biotechnology Congress, Kayseri, Turkey, 13 - 15 December 2023, pp.1
- VI. **Genetic Variation of Some Faba Bean (*Vicia faba* L.) Species Grown in Turkey with SSR Markers**  
Okumuş O., Turan Sirke S., Doruk Kahraman N., Erol O., Özaktan H.  
12th International Molecular Biology and Biotechnology Congress, Kayseri, Turkey, 13 - 15 December 2023, pp.1
- VII. **Plant Regeneration via Somatic Embryogenesis from Cell Suspension Cultures in Sainfoin (*Onobrychis viciifolia* Scop.)**  
Bozatoğrul G., Okumuş O., Uzun S.  
12th International Molecular Biology and Biotechnology Congress, Kayseri, Turkey, 13 - 15 December 2023, pp.62
- VIII. **MAKİNE ÖĞRENMESİ TABANLI ADI FIĞ (*VICIA SATIVA*) TOHUMLARININ FİZİKSEL ÖZELLİKLERİNİN TAHMİNİ VE SINIFLANDIRILMASI**  
Çetin N., Okumuş O.  
International Current Research on Agriculture and Food Technologies, Adana, Turkey, 6 - 15 October 2022, vol.1, no.4, pp.41-61

## Supported Projects

KARAMAN K., ŞİMŞEK Ö., DALDA ŞEKERCİ A., OKUMUŞ O., SAĞDIÇ O., TEMUR ÇINAR C., TUĞRUL Ö., AKIN E., Project Supported by Higher Education Institutions, Sürdürülebilir tarım uygulamalarında laktik asit bakterisi ve postbiyotiklerinin biyostimülant ve biyokoruyucu olarak kullanım potansiyelinin araştırılması, 2024 - Continues  
Uzun S., Kaplan M., Okumuş O., Project Supported by Higher Education Institutions, Kuş Fiğinde (*Vicia cracca* L.) Hasat Zamanının Ot Kalitesine Etkisi, 2021 - 2022  
UZUN S., OKUMUŞ O., Project Supported by Higher Education Institutions, Çayır Üçgülünde (*Trifolium pratense* L) İn

Vitro Mutasyon Uygulamalarının M1 Generasyonunda Tuz Toleransına Etkileri, 2020 - 2022

## **Activities in Scientific Journals**

Assistant Editor/Section Editor, 2022 - 2023

## **Scientific Refereeing**

mediterranean agricultural sciences, Other Indexed Journal, May 2024

International Journal of Agricultural and Natural Sciences, Other journals, June 2023

erciyes üniversitesi tarım ve hayvan bilimleri dergisi, Other Journals, April 2022

Erciyes Üniversitesi Tarım Ve Hayvan Bilimleri Dergisi, Other Journals, March 2022

## **Metrics**

Publication: 21

Citation (Scopus): 1

H-Index (Scopus): 1

## **Congress and Symposium Activities**

Current Trends in Natural Sciences, Panelists, Pitesti, Romania, 2024

12th International Molecular Biology and Biotechnology Congress, Panelists, Kayseri, Turkey, 2023

5TH WORLD CONFERENCE ON SUSTAINABLE LIFE SCIENCES WOCOLS 2023 CAPPADOCIA, TURKEY, Working Group, Nevşehir, Turkey, 2023

Current Trends in Natural Sciences, Panelists, Pitesti, Romania, 2021

## **Scholarships**

"Pamukta Epiallellerin Horizontal Transferi, Transgenerasyon Stabiliteleri Ve Bazı Lif Teknik Özelliklerine Epigenetik Etkiler", TÜBİTAK, 2019 - 2019