

Asst. Prof. RÜSTEM ÜSTÜN



Personal Information

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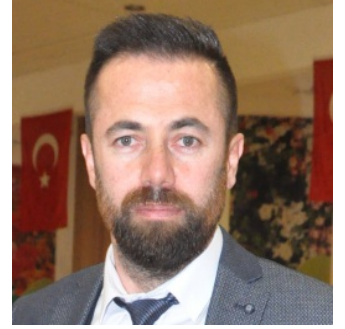
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International Researcher IDs

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Education Information

Doctorate, Akdeniz University, Faculty of Agriculture, Tarla Bitkileri, Turkey 2014 - 2020

Postgraduate, Akdeniz University, Faculty of Agriculture, Tarla Bitkileri, Turkey 2011 - 2014

Undergraduate, Akdeniz University, Faculty of Agriculture, Ziraat Mühendisliği, Turkey 2004 - 2009

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, SOYADA (*Glycine max L.*) MOLEKÜLER MARKER DESTEKLG SELEKSGYON VE EMS MUTASYON YÖNTEMG KULLANILARAK SU GRUBU HERBGSGLERE DAYANIKLI VE SÜPER OLEGK ASGT TGPG HATLARIN GELGgTGRGLMESG, Akdeniz University, Fen Bilimleri , Tarla Bitkileri, 2020

Postgraduate, SUSAM GENETİK STOKUNUN PHYLLODY HASTALIĞINA KARŞI DAYANIKLILIK BAKIMINDAN TARANMASI VE MOLEKÜLER ANALİZİ, Akdeniz University, Fen Bilimleri , Tarla Bitkileri, 2014

Research Areas

Agricultural Sciences, Agriculture, Infield Plants, Other Crops Grown for Industrial Processing (perfume-producing plants, for medicine, etc.), Oil Plants, Biotechnology and Genetics, Molecular Biotechnology

Academic Titles / Tasks

Assistant Professor, Akdeniz University, Faculty of Agriculture, Department of Field Crops, 2021 - Continues

Research Assistant, Akdeniz University, Faculty of Agriculture, Department of Field Crops, 2013 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Selection of soybean genotypes exhibiting drought resistance by assessing morphological and yield traits**
Amjid M., ÜSTÜN R.
Euphytica, vol.221, no.4, 2025 (SCI-Expanded)
- II. **Computational molecular explanation of Soybean AHAS resistance from P197S mutation**
ÜSTÜN R., Chalmers G., Tehrani D., UZUN B.
Plant Physiology and Biochemistry, vol.201, 2023 (SCI-Expanded)
- III. **Development of a High Yielded Chlorsulfuron-Resistant Soybean (Glycine max L.) Variety through Mutation Breeding**
Ustun R., Uzun B.
AGRICULTURE, no.13, pp.1-12, 2023 (SCI-Expanded)
- IV. **First Report of Alternaria alternata Causing Leaf Spot Disease on Soybean (Glycine max) in Antalya Province of Turkey**
Üstün R., Cat A., Uzun B., Catal M.
PLANT DISEASE, vol.103, pp.3284, 2019 (SCI-Expanded)
- V. **Screening, selection and real-time qPCR validation for phytoplasma resistance in sesame (Sesamum indicum L.)**
ÜSTÜN R., YOL E., İKTEN C., ÇATAL M., UZUN B.
EUPHYTICA, vol.213, no.7, 2017 (SCI-Expanded)
- VI. **Oil Content, Oil Yield and Fatty Acid Profile of Groundnut Germplasm in Mediterranean Climates**
YOL E., ÜSTÜN R., GÖLÜKÇÜ M., UZUN B.
JOURNAL OF THE AMERICAN OIL CHEMISTS SOCIETY, vol.94, no.6, pp.787-804, 2017 (SCI-Expanded)
- VII. **Multiplex Real-Time qPCR Assay for Simultaneous and Sensitive Detection of Phytoplasmas in Sesame Plants and Insect Vectors**
İKTEN C., ÜSTÜN R., ÇATAL M., YOL E., UZUN B.
PLOS ONE, vol.11, no.5, 2016 (SCI-Expanded)
- VIII. **Molecular identification, characterization and transmission of phytoplasmas associated with sesame phyllody in Turkey**
İKTEN C., ÇATAL M., YOL E., ÜSTÜN R., Furat S., TOKER C., UZUN B.
EUROPEAN JOURNAL OF PLANT PATHOLOGY, vol.139, no.1, pp.217-229, 2014 (SCI-Expanded)
- IX. **First Report of a 16SrIX Group (Pigeon Pea Witches'-Broom) Phytoplasma Associated with Sesame Phyllody in Turkey.**
Catal M., Ikten C., Yol E., Üstün R., Uzun B.
Plant disease, vol.97, no.6, pp.835, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **Assessment of Germination and Seedling Development Factors of Soybean Cultivars in Different Salinity Levels**
ÜSTÜN R., AMJID M.
Black Sea Journal of Agriculture, vol.7, no.5, pp.477-485, 2024 (Peer-Reviewed Journal)
- II. **Identification of Seedborne Fungi on Soybean (Glycine max L.) Seeds Grown in Mediterranean Region of Turkey**
ÜSTÜN R., ÇAT A., ÇATAL M., UZUN B.
Türkiye Tarımsal Araştırmalar Dergisi, vol.8, no.3, pp.367-373, 2021 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

- I. **Identification of Aspergillus niger and Aspergillus flavus on Soybean Seed**

ÜSTÜN R., ÇAT A., GÜDEN B., ÇATAL M., UZUN B.

INTERNATIONAL EURASIAN CONFERENCE ON BIOTECHNOLOGY AND BIOCHEMISTRY, Ankara, Turkey, 16 - 18 December 2020, pp.166

II. Determination and Molecular Characterization of Bacteria in Mix of Sweet Sorghum and Soybean Silage

ÜSTÜN R., GÜDEN B., ÇAT A., ÇATAL M., UZUN B.

INTERNATIONAL EURASIAN CONFERENCE ON BIOTECHNOLOGY AND BIOCHEMISTRY, Ankara, Turkey, 16 - 18 December 2020, pp.167

III. Identification and characterization of Cladosporium cladosporiodes on soybean seed

ÜSTÜN R., ÇAT A., ÇATAL M., UZUN B.

WORLD OILSEEDS CONGRESS, 6 - 07 November 2020

IV. Identification and Characterization of Cladosporium cladosporiodes on Soybean Seed

ÜSTÜN R., ÇAT A., ÇATAL M., UZUN B.

World Oil Seed Congress, Lviv, Ukraine, 6 - 07 November 2019, pp.19

V. Identification and Characterization of Cladosporium cladosporiodes on Soybean Seed

ÜSTÜN R., ÇAT A., ÇATAL M., UZUN B.

World Oil Seed Congress, Lviv, Ukraine, 6 - 07 November 2019, pp.19

VI. Identification and Characterization of Cladosporium cladosporiodes on Soybean Seed

ÜSTÜN R., ÇAT A., ÇATAL M., UZUN B.

World Oil Seed Congress, Lviv, Ukraine, 6 - 07 November 2019, pp.19

VII. Advances in molecular diagnosis of the sesame phytoplasmas and resistance to sesame phyllody.

UZUN B., İKTEN C., ÇATAL M., ÜSTÜN R., FURAT S., YOL E.

COST action FA0807 final meeting, Lizbon, Portugal, 30 September - 01 October 2013, pp.59

VIII. Molecular diagnosis of peanut witches'-broom group (16SrII) phytoplasma infecting sesame in Turkey

İKTEN C., YOL E., ÇATAL M., ÜSTÜN R., UZUN B.

European Biotechnology Congress, Bratislava, Slovakia, 16 - 18 May 2013, vol.24

IX. Sensitive detection of sesame phytoplasmas of 16SrII and 16SrIX groups in its plant and insect host using real-time PCR

İKTEN C., ÜSTÜN R., ÇATAL M., YOL E., UZUN B.

European Biotechnology Congress, Bratislava, Slovakia, 16 - 18 May 2013, vol.24

X. Screening, testing and molecular diagnosis for resistance against phyllody disease in sesame.

UZUN B., YOL E., ÜSTÜN R., İKTEN C., ÇATAL M., TOKER C., FURAT S.

EUCARPIA Genetic Resources section meeting, Alnarp, Sweden, 10 - 13 June 2013, pp.82

XI. Screening, testing and molecular diagnosis for resistance against phyllody disease in sesame.

UZUN B., YOL E., ÜSTÜN R., İKTEN C., ÇATAL M., TOKER C., FURAT S.

EUCARPIA Genetic Resources section meeting, Alnarp, Sweden, 10 - 13 June 2013, pp.82

XII. Screening, testing and molecular diagnosis for resistance against phyllody disease in sesame

UZUN B., YOL E., ÜSTÜN R., İKTEN C., ÇATAL M., TOKER C., Furat S.

EUCARPIA Genetic Resources section meeting, Sweden, 1 - 04 June 2013, pp.82

XIII. Assessment Of Oil Content And Fatty Acid Composition Of The Sesame Core Collection", Plant Breeding for Future Generations

UZUN B., YOL E., FURAT S., ÜSTÜN R., TOKER R., GÖLÜKÇÜ M.

EUCARPIA 19th General Congress, Budapeşte, Hungary, 21 - 24 May 2012, pp.274

XIV. Assessment of oil content and fatty acid composition of the sesame core collection

UZUN B., YOL E., Furat S., ÜSTÜN R., TOKER R., GÖLÜKÇÜ M.

Plant Breeding for Future Generations, EUCARPIA 19th General Congress, Budapeşte, Hungary, 21 - 24 May 2012, pp.274

XV. Assessment of oil content and fatty acid composition of the sesame core collection

UZUN B., YOL E., Furat S., ÜSTÜN R., TOKER R., GÖLÜKÇÜ M.

Plant Breeding for Future Generations, EUCARPIA 19th General Congress, Turkey, 1 - 04 May 2012, pp.274

Supported Projects

YOL E., İKTEN C., UZUN B., ÜSTÜN R., ÇATAL M., Project Supported by Higher Education Institutions, Screening selection and realtime qPCR validation for phytoplasma resistance in sesame *Sesamum indicum* L, 2018 - 2020

UZUN B., ÜSTÜN R., Project Supported by Higher Education Institutions, EMS mutageni kullanılarak klorosulforon (SU grubu) herbisitine karşı dayanıklı soya (*Glycine max* L.) mutantlarının geliştirilmesi ve ALS geninin dizi analizi, 2018 - 2020

Metrics

Publication: 52

Citation (WoS): 99

Citation (Scopus): 131

H-Index (WoS): 5

H-Index (Scopus): 4

Scholarships

2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, TÜBİTAK, 2021 - 2022