

Asst. Prof. Solmaz Najafi

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ankara University, Ziraat Fakültesi, Tarla Bitkileri , Turkey 2008 - 2012

Postgraduate, Ankara University, Ziraat Fakültesi, Tarla Bitkileri , Turkey 2006 - 2008

Undergraduate, Urmia University, Gelibolu Piri Reis Meslek Yüksekokulu, Tarla Bitkileri Ve Islah, Iran 2000 - 2004

Foreign Languages

Turkish, C1 Advanced

Arabic, B1 Intermediate

English, C1 Advanced

Certificates, Courses and Trainings

Vocational Training, Chromosome Banding Methods, Aristotle University of Thessaloniki , 2009

Dissertations

Doctorate, KARYOTYPE CHARACTERIZATION OF SOME SPECIES OF AEGILOPS AND TRITICUM FROM TURKEY AND IRAN, Ankara University, Faculty Of Agriculture, Department Of Field Crops, 2012

Postgraduate, Micropropagation of Caper (Capparis spp), Van Yüzüncü Yil University, Ziraat Fakültesi, Tarla Bitkileri Bölümü, 2008

Research Areas

Agricultural Sciences, Agriculture, Infield Plants, Cereal Grains (wheat, oats, rye, corn, barley, millets, rice,etc.), Cool Climate Cereals, Biotechnology and Genetics, Tissue and Organ Culture, Cytogenetics

Academic Titles / Tasks

Assistant Professor, Van Yüzüncü Yil University, Ziraat Fakültesi, Tarla Bitkileri , 2016 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **EFFECTS OF HAZELNUT HUSK WASTE ON QUALITY PARAMETERS OF GERMAN PRIMROSE (PRIMULA OBCONICA HANCE)**
Najafi M., Kütük C., Najafi S., Balci M.
Bangladesh Journal of Botany, vol.52, no.3, pp.829-835, 2023 (SCI-Expanded)
- II. **Foliar Applications of ZnO and Its Nanoparticles Increase Safflower (Carthamus tinctorius L.) Growth and Yield under Water Stress**
Ghiyasi M., Rezaee Danesh Y., Amirnia R., Najafi S., Mulet J. M., Porcel R.
Agronomy, vol.13, no.1, 2023 (SCI-Expanded)
- III. **Analysis of Nuclear DNA Content and Karyotype of Phaseolus vulgaris L.**
Kulaz H., Najafi S., Tunçtürk R., Tunçtürk M., Albalawi M. A., Alalawy A. I., Oyouni A. A. A., Alasmari A., Poczai P., Sayyed R.
Genes, vol.14, no.1, 2023 (SCI-Expanded)
- IV. **Halotolerant Plant Growth-Promoting Rhizobacteria Isolated From Saline Soil Improve Nitrogen Fixation and Alleviate Salt Stress in Rice Plants**
Khumairah F. H., Setiawati M. R., Fitriatin B. N., Simarmata T., Alfaraj S., Ansari M. J., El Enshasy H. A., Sayyed R. Z., Najafi S.
FRONTIERS IN MICROBIOLOGY, vol.13, 2022 (SCI-Expanded)
- V. **Characterization of arbuscular mycorrhizal fungal communities associated with vineyards in northwestern Iran**
Rezaee Danesh Y., Kariman K., Keskin N., Najafi S.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.46, no.3, pp.271-279, 2022 (SCI-Expanded)
- VI. **Effect of Chemical Synthesis Silver Nanoparticles on Germination Indices and Seedlings Growth in Seven Varieties of Lycopersicon esculentum Mill (tomato) Plants**
Mehrian S. K., Heidari R., Rahmani F., Najafi S.
JOURNAL OF CLUSTER SCIENCE, vol.27, no.1, pp.327-340, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Application of Allium hirtifolium for the selection process in architecture and environmental sciences**
Alp Ş., Mohammadi Fallah A., Najafi S.
International Journal of Agricultural Technology, vol.18, no.3, pp.927-938, 2022 (Scopus)
- II. **Effect of microwave radiation on the germination and growth characteristics of maize (Zea mays)**
Rezaee Danesh Y., Ghiyasi M., Najafi S., Amirnia R.
Oxidation Communications, vol.40, no.3, pp.1157-1166, 2017 (Scopus)
- III. **Study on antifungal effects of several essential oils against Botrytis cinerea and Rhizopus stolonifer**
Rezaee Danesh Y., Demir S., Najafi S.
Oxidation Communications, vol.40, no.1-I, pp.195-208, 2017 (Scopus)
- IV. **The effect of water stress and polymer on water use efficiency, yield and several morphological traits of sunflower under greenhouse condition**
Najafi S.
Notulae Scientia Biologicae, vol.2, no.4, pp.53-58, 2010 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **The Role of Plant Growth Promoting Bacteria in Sustainable Plant Disease Management**
Danesh Y. R., DEMİR S., NAJAFI S., Sagun Ç.

in: Biopesticides in Organic Farming Recent Advances, Awasthi, L., Editor, CRC Press (Taylor Francis Group), Boca Raton, pp.65-70, 2021

Refereed Congress / Symposium Publications in Proceedings

I. Bread Wheat Landraces of Van Lake Basin

ÜLKER M., ALTUNER F., Özdemir B., Salih S., Oral E., Najafi S., Karaca S., Sargın B., FURAN M. A.
V. International Plant Breeding Congress, Antalya, Turkey, 21 November 2022, vol.4, no.1

II. In Vitro Kalluslardan Elde Edilen Asma Kökleri ile Ex Vitro Elde Edilen Asma Köklerinin Kromozom Sayılarının Karşılaştırılması

Keskin N., Örkmez O., Najafi S., Kunter B.

HASAT ULUSLARARASI TARIM VE ORMAN KONGRESİ, Ankara, Turkey, 21 - 23 June 2019, pp.14-23

Supported Projects

Najafi S., ŞELEM E., NAJAFİ M., SALİH S. J., BALCI M., Ülker M., Demir S., Oral E., Altuner F., Karaca S., et al., Project Supported by Higher Education Institutions, Van Gölü Havzasında Yetiştirilen Yerel Buğdayların Rizosferlerindeki Arbuskular Mikoriza Popülasyonlarının İncelenmesi, 2021 - 2023

Activities in Scientific Journals

International Journal of Agricultural Technology, Committee Member, 2018 - Continues

Metrics

Publication: 22

Citation (WoS): 5

Citation (Scopus): 12

H-Index (WoS): 1

H-Index (Scopus): 2