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International Researcher IDs

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ScopusID: 26653376600

Yoksis Researcher ID: 278950

Education Information

Doctorate, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, BİYOLOJİ, Turkey 2009 - 2017

Postgraduate, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, BİYOLOJİ, Turkey 2005 - 2009

Undergraduate, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, BİYOLOJİ, Turkey 2000 - 2004

Dissertations

Doctorate, Ağır metal stresi koşullarında *Verbascum olympicum* Boiss. türünün enzimatik aktivitesi üzerinde araştırmalar, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, FEN BİLİMLERİ ENSTİTÜSÜ, 2017

Postgraduate, Likenlerde lakkaz ve tirozinaz aktivitesinin araştırılması, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, FEN BİLİMLERİ ENSTİTÜSÜ, 2009

Research Areas

Contaminated Sites and Remediation, Plant Physiology, Plant Growth and Development, Environmental Pollution

Academic Titles / Tasks

Associate Professor, Bursa Uludağ University, 2024 - Continues

Assistant Professor, Bursa Uludağ University, Teknik Bilimler Myo, Park Ve Bahçe Bitkileri, 2023 - 2024

Lecturer PhD, Bursa Uludağ University, TEKNİK BİLİMLER MYO, PARK VE BAHÇE BİTKİLERİ, 2022 - 2023

Assistant Professor, Bilecik Seyh Edebali University, Vocational School, Department Of Parks And Garden Plants (Horticulture), 2018 - 2022

Academic and Administrative Experience

Program Koordinatörü, Bursa Uludağ University, TEKNİK BİLİMLER MYO, PARK VE BAHÇE BİTKİLERİ, 2022 - Continues
Akademik personel, Bilecik Seyh Edebali University, Biotechnology Application And Research Center, 2018 - 2022
Head of Department, Bilecik Seyh Edebali University, Vocational School, Department Of Parks And Garden Plants
(Horticulture), 2018 - 2022

Advising Theses

Akpınar A., Koyun M., KOCAÇAY DERESİ ÜZERİNDE FARKLI LOKASYONLARDAN ALINAN BALIK VE BİTKİ
ÖRNEKLERİNİN KİRLİLİK BİRİKİMİNİN KARŞILAŞTIRMALI İNCELENMESİ, Postgraduate, V.YABAŞ(Student), 2024
Akpınar A., Cansev A., Anadolu adaçayı (*Salvia fruticosa* Mill.) bitkisinde denizyosunu uygulamalarının meydana getirdiği
metabolik etkilerin belirlenmesi, Postgraduate, R.NUR(Student), 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Physiological and Biochemical Mechanisms of Salinity Tolerance in *Carex morrowii* Boott**
AKPINAR A.
PHYTON-INTERNATIONAL JOURNAL OF EXPERIMENTAL BOTANY, vol.92, pp.2197-2210, 2023 (SCI-Expanded)
- II. **Physiological and molecular responses of roots differ from those of leaves in spinach plants subjected to short-term drought stress**
Akpınar A., Cansev A.
South African Journal of Botany, vol.151, pp.9-17, 2022 (SCI-Expanded)
- III. **Impact of *Peltigera praetextata* on zucchini grown in weathered p,p'-DDE-contaminated soil and its responses**
Akpınar A., Cansev A., Isleyen M.
Acta Physiologiae Plantarum, vol.44, no.12, 2022 (SCI-Expanded)
- IV. **A mathematical model of *Chenopodium album* L. dynamics under copper-induced stress**
Gonzalez-Ramirez L. R., ALAÇAM D., AKPINAR A.
ECOLOGICAL MODELLING, vol.469, 2022 (SCI-Expanded)
- V. **DIFFERENCES IN THE NITROGEN ASSIMILATION AMONG GENOTYPES OF *BITUMINARIA BITUMINOSA* (L.) CH STIRTION**
Akpınar A., Gulumser E., Can M., Ayan I., Acer Z.
PAKISTAN JOURNAL OF BOTANY, vol.53, no.2, pp.455-459, 2021 (SCI-Expanded)
- VI. **Effects of the lichen *Peltigera canina* on *Cucurbita pepo* spp. *pepo* grown in soil contaminated by DDTs**
Akpınar A., Cansev A., Isleyen M.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, no.12, pp.14576-14585, 2021 (SCI-Expanded)
- VII. **THE ROLE OF *Chenopodium album* L. ON THE ON-SITE RECLAMATION OF SEWAGE SLUDGE LAGOONS**
Akpınar A.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.30, no.10, pp.11538-11547, 2021 (SCI-Expanded)
- VIII. **Heavy metal profiles of agricultural soils in Sakarya, Turkey**
Isleyen M., Akpınar A., Eren B., Ok G.
ENVIRONMENTAL ENGINEERING RESEARCH, vol.24, no.3, pp.427-433, 2019 (SCI-Expanded)
- IX. **Antioxidative defense mechanism of the ruderal *Verbascum olympicum* Boiss. against copper (Cu)-induced stress**
Akpınar A., ARSLAN H., GÜLERYÜZ G., KIRMIZI S.
OPEN LIFE SCIENCES, vol.11, no.1, pp.10-20, 2016 (SCI-Expanded)
- X. **Variation in trace element mobility and nitrogen metabolism of *Verbascum olympicum* Boiss. under copper stress**
GÜLERYÜZ G., SEVEN ERDEMİR Ü., ARSLAN H., Akpınar A., Cicek A., Gucer S.

CHEMISTRY AND ECOLOGY, vol.31, no.6, pp.494-509, 2015 (SCI-Expanded)

- XI. **Ni-induced Changes in Nitrate Assimilation and Antioxidant Metabolism of Verbascum olympicum Boiss.: Could the Plant be Useful for Phytoremediation or/and Restoration Purposes?**
Akpınar A., ARSLAN H., GÜLERYÜZ G., KIRMIZI S., SEVEN ERDEMİR Ü., Gucer S.
INTERNATIONAL JOURNAL OF PHYTOREMEDIATION, vol.17, no.6, pp.546-555, 2015 (SCI-Expanded)
- XII. **Responses of Ruderal Verbascum olympicum Boiss. (Scrophulariaceae) Growing under Cadmium Stress**
ARSLAN H., GÜLERYÜZ G., Akpınar A., KIRMIZI S., SEVEN ERDEMİR Ü., Gucer S.
CLEAN-SOIL AIR WATER, vol.42, no.6, pp.824-835, 2014 (SCI-Expanded)
- XIII. **Effects of some terricolous lichens [Cladonia rangiformis Hoffm., Peltigera neckerii Hepp ex Mull. Arg., Peltigera rufescens (Weiss) Humb.] on soil bacteria in natural conditions**
Akpınar A., Ozturk Ş., Sinirtas M.
PLANT SOIL AND ENVIRONMENT, vol.55, no.4, pp.154-158, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **EVALUATION OF NITROGEN ASSIMILATION CAPACITY OF CHESTNUT CULTIVARS**
MÜFTÜOĞLU B., Akpınar A., Mert C.
Anadolu Tarım Bilimleri Dergisi, vol.38, no.3, pp.459-472, 2023 (Peer-Reviewed Journal)
- II. **Comparative characterization of the content and in vitro bioaccessibility of minerals in two Cornus species**
CANSEV A., İPEK M., ÇELİK G., ŞAHAN Y., İPEK A., AKPINAR A.
Mediterranean Agricultural Sciences, vol.35, 2022 (Peer-Reviewed Journal)
- III. **Farklı Dozlarda Deniz Yosunu Uygulanmış Anadolu Adaçayı (Salvia fruticosa Mill.)unda Fenolik Madde İçeriği, Antioksidan Kapasite ve Antioksidatif Yanıtlar**
YILMAZ R. N., AKPINAR A., CANSEV A.
Anadolu Tarım Bilimleri Dergisi, vol.37, no.1, 2022 (Peer-Reviewed Journal)
- IV. **Responses of Spinacia oleracea L. cv. Matador Plants to Various Abiotic Stresses Such as Cadmium Metal Toxicity, Drought and Salinity**
AKPINAR A., CANSEV A., Deniz Zahide A.
Bursa Uludağ Üniversitesi Ziraat Fakültesi Dergisi (Online), vol.35, pp.103-117, 2021 (Peer-Reviewed Journal)
- V. **SEASONAL ANTIOXIDANT CAPACITY OF ASPHODELUS AESTIVUS BROTT. ROOT TUBERS IN RESPONSE TO ARIDITY FROM DEGRADED MEDITERRANEAN ENVIRONMENTS**
ARSLAN H., KIRMIZI S., GÜLERYÜZ G., AKPINAR A., Sakar F. S.
ANADOLU UNIVERSITY JOURNAL OF SCIENCE AND TECHNOLOGY –C Life Sciences and Biotechnology, vol.8, no.1, pp.32-39, 2019 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Marmara Denizi'ne dökülen Azot ve Fosfor Kirliliğinin Takibi ve Kirliliğin Giderimine Yönelik Fitoremediasyon Çalışma Modeli (Nilüfer Çayı Örneği)**
AKPINAR A., CANSEV A., AŞIK B. B.
Uluslararası Jeoloji Kongresi 74. Türkiye Jeoloji Kurultayı, Turkey, 11 April 2022
- II. **NITROGEN ASSIMILATION CAPACITY OF CHENOPODIUM ALBUM L. LOCATED IN POLLUTED AREAS**
AKPINAR A.
5. Uluslararası Ege Kongresi-Doğal ve Medikal Bilimler, Turkey, 25 February 2022
- III. **The effects of selenium (Se) treatment in before and after of Cd stress on Solanum lycopersicum**
AKPINAR A., CANSEV A.
International Caparica Conference on Pollutant Toxic Ions and Molecules, PTIM 2021, Lizbon, Portugal, 1 - 04

November 2021

- IV. **Investigation of changes in spinach (*Spinacia oleracea*) exposed to selenium and UV stress**
AKPINAR A., CANSEV A.
XI. INTERNATIONAL MULTIDISCIPLINARY CONGRESS OF EURASIA, Saint Peter, Guernsey And Alderney, 7 - 09 July 2020
- V. **Antioxidative defense mechanism and oxidative damage caused by Zn stress in ruderal *Verbascum olympicum* Boiss. growing in degraded areas**
AKPINAR A., ARSLAN H., GÜLERYÜZ G.
International Multidisciplinary Congress of Eurasia, Ankara, Turkey, 19 March 2020
- VI. **The Effects of Chromium on Some Metabolic Activities of Ruderal *Verbascum olympicum* Boiss. Which is Potentially Candidate for Heavy Metal Contaminated Sites.**
AKPINAR A., ARSLAN H., GÜLERYÜZ G.
2nd International Caparica Conference on Pollutant Toxic Ions and Molecules (PTIM), 6 - 09 November 2017
- VII. **Zn-induced Changes in Ruderal *Verbascum olympicum* Boiss**
AKPINAR A., ARSLAN H., GÜLERYÜZ G.
13th International Conference on Reactive Oxygen and Nitrogen Species in Plants, 10 - 13 September 2017
- VIII. **Heavy Metal Accumulation Capacity of Ruderal *Verbascum olympicum* Boiss. (*Scrophulariaceae*) Growing Under Copper (Cu) Stress.**
SEVEN ERDEMİR Ü., ARSLAN H., GÜLERYÜZ G., AKPINAR A., GUCER S.
IOGEOMON 2014, 8th International Symposium on Ecosystem Behavior. Section: Trace element and metal biogeochemistry, 13 - 17 July 2014
- IX. **Endemik *Linum olympicum* ve *Jasione supina* subsp. *supina* tohumlarında dormansi ve çimlenme üzerine stratifikasyon ve gibberellik asitinin etkileri.**
KIRMIZI S., ARSLAN H., AKPINAR A., GÜLERYÜZ G.
21th National Biology Conferences, Turkey, 3 - 07 September 2012
- X. **Nikel Stresine Maruz Bırakılan *Verbascum olympicum*'un Kök ve Yapraklarında Enzimatik Aktivitenin Değişimi**
AKPINAR A., ARSLAN H., KIRMIZI S., GÜLERYÜZ G.
21th National Biology Conferences, Turkey, 3 - 07 September 2012
- XI. **An investigation on changing lactase and tyrosinase activity in lichens following wounding or desiccation**
AKPINAR A., ÖZTÜRK Ş.
The International Association for Lichenology (IAL) and The American Bryological and Lichenological Society (ABLS) 6. Annual Meeting, 13 - 19 July 2008

Supported Projects

AKPINAR A., CANSEV A., İPEK M., ÇAVUŞOĞLU Ö., USLU O. Y., Project Supported by Higher Education Institutions, Selenyum Se uygulamalarına bağlı olarak ıspanakta *Spinacia oleracea* L UVB stresine verilen yanıtın transkriptom düzeyinde belirlenmesi, 2023 - Continues

CANSEV A., ŞAHAN Y., KAYA B., YÜCEER Y., BÜYÜKTAVŞAN Ö. F., AKPINAR A., İPEK M., USLU O. Y., KAYA A. C., Project Supported by Higher Education Institutions, Güney Marmara Bölgesi iğde *Eleagnus angustifolia* L genotiplerinin seleksiyonu ve unlu mamuller sanayinde katkı maddesi olarak kullanıma uygun tiplerin belirlenmesi, 2023 - Continues
Akpınar A., Cansev A., Aşık B. B., TUBITAK Project, Marmara Denizinin Kirlilik Yükünün Hafifletilmesinde Yenilikçi ve Ekolojik Bir Çözüm Olan Fitoremediasyon Tekniklerinin Nilüfer Çayı ve Çapraz Çayı Üzerindeki Uygulamaları, 2021 - 2022

Cansev A., Akpınar A., Project Supported by Higher Education Institutions, Domates bitkisinde Cd alınımı ve toksitesinin azaltılmasında stres öncesi ve stres sonrası selenyum (Se), glisin-betain (GB) ve kolin uygulamalarının etkisinin belirlenmesi, 2021 - 2022

Akpınar A., Cansev A., İşleyen M., TUBITAK Project, Yıllanmış p,p'-DDE İçeren Kirlenmiş Toprağın Geri Kazanımında

