



# ÖZKAN AKSAKAL

## PROF.

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International Researcher IDs

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### Learning Knowledge

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Doctorate  
2006 - 2010

Ataturk University, Fen Bilimleri Enstitüsü, Biyoloji Anabilim Dalı, Turkey

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, DETERMINATION OF PHENOTYPIC, GENETIC DIFFERENCES AND ECOLOGICAL PROPERTIES OF THE POPULATIONS OF INVASIVE *Lepidium draba* L. SPECIES, Ataturk University, Fen Bilimleri Enstitüsü, Biyoloji/Botanik, 2010

Postgraduate, MORPHOLOGICAL and AUTECOLOGICAL STUDIES on SOME of *Salvia* L. GENUS (*Salvia longipedicellata*, *Salvia rosifolia*) THAT DISTRIBUTED in ERZURUM and its ENVIRONS, Ataturk University, Fen Bilimleri Enstitüsü, Biyoloji/Botanik, 2006

### Academic Titles / Tasks

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Professor  
2019 - Continues

Ataturk University, Fen Fakültesi, Biyoloji

Associate Professor  
2013 - 2019

Ataturk University, Fen Fakültesi, Biyoloji

Assistant Professor  
2011 - 2013

Ataturk University, Fen Fakültesi, Biyoloji

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## Supported Projects

1. AKSAKAL Ö., BAYRAM E., Project Supported by Higher Education Institutions, Atomik Kuvvet Mikroskobu Kullanılarak Sıcaklık Nem Ve Zamana Bağlı Olarak Kan Hücrelerinin Degradasyon Düzeylerinin Belirlenmesi ve Kan Lekesi Yaşının Tahmini, 2022 - 2024
2. AKSAKAL Ö., KAYMAK H. Ç., KARAKAYA S., KOCA M., Project Supported by Higher Education Institutions, Allium tuncelianum Kollman Özhatay Mattheww Şiranecei Bitkisinin Uçucu Yağlarının Kimyasal Karakterizasyonu ve Antikolinesteraz Etkisinin Araştırılması, 2019 - 2019
3. İNCEKARA Ü., AKSAKAL Ö., KARAKAYA S., TÜRKEZ H., Project Supported by Higher Education Institutions, Erzurum Çevresinde Halk Hekimliğinde Kullanılan Bazı Bitkilerin Kanamayı Durdurma Performanslarının Araştırılması, 2018 - 2019
4. AKSAKAL Ö., KARAMAN A., Project Supported by Higher Education Institutions, Mısır (Zea mays L) Bitkisinde Civa Toksisitesinin Etkilerinin Azaltılmasında Eksojen Olarak Uygulanan Sisteyinin Koruyucu Rolünün Biyokimyasal ve Moleküler Parametreler Kullanılarak Araştırılması, 2018 - 2018
5. İNCEKARA Ü., AKSAKAL Ö., KAYA Y., GÜRKÖK S., Project Supported by Higher Education Institutions, Atatürk Üniversitesi Fen Fakültesi Herbaryumu ATA Araştırma Olanaklarının Geliştirilmesi, 2017 - 2018
6. AKSAKAL Ö., ESRİNGÜ A., ŞİMŞEK ÖZEK N., AYSİN F., YILMAZ A., Project Supported by Higher Education Institutions, UV-B RADYASYONUNA MARUZ BIRAKILAN MARUL (LACTUCA SATİVA L.) BİTKİSİNDE HUMİK ASİDİN KORUYUCU ROLÜ, 2016 - 2017
7. ESRİNGÜ A., ERCİŞLİ S., AKSAKAL Ö., GÜLLAP M. K., Project Supported by Higher Education Institutions, "MİKROBİYAL GÜBRE VE TOPRAK DÜZENLEYİCİSİ UYGULAMALARININ TOPRAK ORGANİK MADDESİ VE BİYOÇEŞİTLİLİK ÜZERİNE ETKİSİ", 2015 - 2017
8. AKSAKAL Ö., Project Supported by Higher Education Institutions, YOK OLMA TEHLİKESİ ALTINDAKİ ENDEMİK CİCER RETİCULATUM (YABANI NOHUT) TÜRÜNÜN KORUNMASI ÜZERİNE ARAŞTIRMALAR, 2015 - 2016
9. AKSAKAL Ö., Project Supported by Higher Education Institutions, DOĞU KARADENİZ BÖLGESİNDEKİ LADİN (PİCEA ORİENTALİS) POPULASYONLARININ GENETİK ANALİZİ, 2013 - 2014
10. AKSAKAL Ö., Project Supported by Higher Education Institutions, KRİTİK OLARAK YOK OLMA TEHLİKESİ ALTINDAKİ ENDEMİK SONCHUS ERZİNCANİCUS (ASTERACEAE) TÜRÜNÜN KORUMA GENETİĞİ VE KORUMA BİYOLOJİSİNİN ÜZERİNE ARAŞTIRMALAR, 2013 - 2014
11. AKSAKAL Ö., TÜRK H., Project Supported by Higher Education Institutions, -SOĞUK STRESİNE MARUZ KALAN BİTKİLERDE MOLEKÜLER FİZYOLOJİK VE BİYOKİMYASAL DEĞİŞİMLER, 2012 - 2014
12. AKSAKAL Ö., Project Supported by Higher Education Institutions, CYMBOCARPUM ERYHRAEUM TÜRÜNÜN ELDE EDİLEN ESANSİYEL YAĞIN GENOTOKSİK AKTİVİTESİNİN MOLEKÜLER VE BİYOKİMYASAL YÖNTEMLER KULLANILARAK BELİRLENMESİ, 2012 - 2013
13. AKSAKAL Ö., Project Supported by Higher Education Institutions, AFLP TEKNİĞİ KULLANILARAK TÜRKİYE İÇİN KRİTİK OLARAK YOK OLMA TEHLİKESİ ALTINDAKİ ENDEMİK ANTHEMİS CALCAREA VAR DISCOİDEA TÜRÜNÜN KORUMA GENETİĞİ VE KORUMA BİYOLOJİSİNİN ARAŞTIRILMASI, 2011 - 2013

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

1. **Pseudomonas stutzeri improves the tolerance of Lemna minor to Cu(OH)<sub>2</sub> nanopesticide by regulating the uptake of copper, antioxidant defense mechanisms, and the expression of metacaspase-1, chlorophyllase, and stress-responsive genes**  
Gülmez Ö., Aksakal Ö., Barış Ö., Bayram E.

- Plant Physiology and Biochemistry, vol.203, 2023 (SCI-Expanded)
2. **Silicone Alleviates Palladium Toxicity by Modifying Palladium Uptake, Ascorbate-Glutathione Cycle, and Glyoxalase System in Maize Seedlings**  
AKSAKAL Ö.  
JOURNAL OF PLANT GROWTH REGULATION, vol.42, no.6, pp.3662-3676, 2023 (SCI-Expanded)
  3. **Biodeterioration of some historical monuments in Erzurum by vascular plants**  
GÜNAŞDI Y., AKSAKAL Ö., Kemaloglu L.  
International Biodeterioration and Biodegradation, vol.176, 2023 (SCI-Expanded)
  4. **Monitoring chemically and green-synthesized silver nanoparticles in maize seedlings via surface-enhanced Raman spectroscopy (SERS) and their phytotoxicity evaluation**  
Yılmaz M., Yılmaz A., Karaman A., Aysin F., Aksakal Ö.  
Talanta, vol.225, 2021 (SCI-Expanded)
  5. **Cytotoxic effect and molecular docking studies of essential oils of *Cymbocarpum erythraeum* (DC.) Boiss. (Apiaceae) as potential inhibitors of cholinesterase**  
KARAKAYA S., Ozdemir O., KOCA M., Demirci B., AKSAKAL Ö., Turkez H., Baser K. H. C.  
JOURNAL OF ESSENTIAL OIL RESEARCH, vol.32, no.5, pp.436-448, 2020 (SCI-Expanded)
  6. **Exogenous cysteine alleviates mercury stress by promoting antioxidant defence in maize (*Zea mays* L.) seedlings**  
AYSİN F., KARAMAN A., YILMAZ A., AKSAKAL Ö., GENÇ E., KOHNEHSHAHRI S. M.  
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.44, no.5, pp.506-516, 2020 (SCI-Expanded)
  7. **Chemical and morphological characterization of *Allium tuncelianum* (Amaryllidaceae) and its antioxidant and anticholinesterase potentials**  
KARAKAYA S., Eksi G., KOCA M., Demirci B., KAYMAK H. Ç., Kaplan M. E., AKSAKAL Ö.  
Anales del Jardín Botánico de Madrid, vol.76, no.2, pp.1-7, 2019 (SCI-Expanded)
  8. **EFFECTS OF alpha-CYPERMETHRIN PESTICIDE ON DNA STABILITY AND OXIDATIVE ENZYMES IN MAIZE (*Zea mays*)**  
AKSAKAL Ö.  
ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, vol.17, no.2, pp.435-442, 2018 (SCI-Expanded)
  9. **Effects of alpha-cypermethrin pesticide on dna stability and oxidative enzymes in maize (*Zea mays*)**  
AKSAKAL Ö.  
Environmental Engineering and Management Journal, vol.17, no.2, pp.435-442, 2018 (SCI-Expanded)
  10. **Effect of proline on biochemical and molecular mechanisms in lettuce (*Lactuca sativa* L.) exposed to UV-B radiation.**  
AKSAKAL O., TABAY D., ESRİNGÜ A., Icoğlu A., ESİM N.  
Photochemical & photobiological sciences : Official journal of the European Photochemistry Association and the European Society for Photobiology, vol.16, pp.246-254, 2017 (SCI-Expanded)
  11. **Exogenous 5-aminolevulinic acid alleviates the detrimental effects of UV-B stress on lettuce (*Lactuca sativa* L) seedlings**  
AKSAKAL Ö., ALGUR Ö. F., Aksakal F. I., AYSİN F.  
ACTA PHYSIOLOGIAE PLANTARUM, vol.39, no.2, 2017 (SCI-Expanded)
  12. **Antimicrobial Activities of Essential Oils and Hexane Extracts of Two Turkish Spice Plants, *Cymbocarpum erythraeum* (DC.) Boiss. and *Echinophora tenuifolia* L. Against Foodborne Microorganisms**  
Çetin B., Kaya Y., Cakir A., Özer H., Aksakal Ö., Mete E.  
RECORDS OF NATURAL PRODUCTS, vol.10, no.4, pp.426-436, 2016 (SCI-Expanded)
  13. **Effects of sodium nitroprusside (SNP) pretreatment on UV-B stress tolerance in lettuce (*Lactuca sativa* L.) seedlings**  
ESRİNGÜ A., AKSAKAL Ö., TABAY D., KARA A. A.  
Environmental Science and Pollution Research, vol.23, no.1, pp.589-597, 2016 (SCI-Expanded)
  14. **Evaluation of arsenic trioxide genotoxicity in wheat seedlings using oxidative system and RAPD assays.**

- Aksakal O., ESIM N.  
Environmental science and pollution research international, vol.22, pp.7120-8, 2015 (SCI-Expanded)
15. **Phytotoxic effect of *Lepidium draba* L. extracts on the germination and growth of monocot (*Zea mays* L.) and dicot (*Amaranthus retroflexus* L.) seeds**  
KAYA Y., AKSAKAL Ö., Sunar S., ERTURK F. A., Bozari S., AĞAR G., Erez M. E., Battal P.  
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.31, no.3, pp.247-254, 2015 (SCI-Expanded)
  16. **Assessment of paraquat genotoxicity on barley (*Hordeum vulgare* L.) seedlings using molecular and biochemical parameters**  
AKSAKAL Ö.  
Acta Physiologiae Plantarum, vol.35, no.7, pp.2281-2287, 2013 (SCI-Expanded)
  17. **Determination of the genotoxic effects of *Convolvulus arvensis* extracts on corn (*Zea mays* L.) seeds**  
Sunar S., Yildirim N., AKSAKAL Ö., AĞAR G.  
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.29, no.5, pp.449-459, 2013 (SCI-Expanded)
  18. **Application of random amplified polymorphic DNA (RAPD) to detect genotoxic effect of trifluralin on maize (*Zea mays*).**  
BOZARI S., Aksakal O.  
Drug and chemical toxicology, vol.36, pp.163-9, 2013 (SCI-Expanded)
  19. **Assessment of genotoxic effects of 2,4-dichlorophenoxyacetic acid on maize by using RAPD analysis**  
AKSAKAL Ö., ERTURK F. A., Sunar S., Bozari S., AĞAR G.  
INDUSTRIAL CROPS AND PRODUCTS, vol.42, pp.552-557, 2013 (SCI-Expanded)
  20. **Equilibrium, kinetic and thermodynamic studies of the biosorption of textile dye (Reactive Red 195) onto *Pinus sylvestris* L.**  
Aksakal O., Uzun H.  
Journal of hazardous materials, vol.181, pp.666-72, 2010 (SCI-Expanded)
  21. **Genetic Diversity Within and Among *Lepidium draba* Populations from Eastern Anatolia Based on RAPD Analysis**  
AKSAKAL Ö., Sunar S., KAYA Y., AĞAR G.  
BIOCHEMICAL GENETICS, vol.48, pp.603-611, 2010 (SCI-Expanded)
  22. **Genetic variation within and among three populations of *Vicia canescens* L. (Fabaceae) as revealed by RAPD and FAMES analysis**  
AĞAR G., AKSAKAL Ö., Bozari S., Sunar S., ERTURK F. A., YILDIRIM N., SEVSAY S.  
ROMANIAN BIOTECHNOLOGICAL LETTERS, vol.15, no.4, pp.5384-5391, 2010 (SCI-Expanded)
  23. **Biochemical and Molecular Characterization of Some *Centaurea* Species Growing in the Eastern Anatolia Region of Turkey**  
YILDIRIM N., Sunar S., AĞAR G., BOZARI S., AKSAKAL Ö.  
BIOCHEMICAL GENETICS, vol.47, pp.850-859, 2009 (SCI-Expanded)
  24. **Determination of the Genotoxic Effects of *Verbascum speciosum* Schrad. Extracts on Corn (*Zea mays* L.) Seeds**  
Sunar S., AKSAKAL Ö., YILDIRIM N., AĞAR G.  
ROMANIAN BIOTECHNOLOGICAL LETTERS, vol.14, no.6, pp.4820-4826, 2009 (SCI-Expanded)
  25. **Biosorption of lead(ii) and zinc(II) from aqueous solutions by nordmann fir (*abies nordmanniana* (Stev.) Pach. Subsp. Nordmanniana) cones**  
Kaya Y., Aksakal Ö., Uzun H.  
Acta Chimica Slovenica, vol.56, pp.451-456, 2009 (SCI-Expanded)
  26. **Evaluation of selenium effect on cadmium genotoxicity in *Vicia faba* using RAPD**  
TAŞPINAR M. S., AĞAR G., YILDIRIM N., Sunar S., AKSAKAL Ö., BOZARI S.  
JOURNAL OF FOOD AGRICULTURE & ENVIRONMENT, vol.7, pp.857-860, 2009 (SCI-Expanded)
  27. **Biosorption of Copper(II) ion from aqueous solutions using caucasian fir (*abies nordmanniana* (Stev.) Spach. subsp. nordmanniana) Cones**  
AKSAKAL Ö., KAYA Y., SENGÜL M.  
Asian Journal of Chemistry, vol.21, no.4, pp.3073-3080, 2009 (SCI-Expanded)

28. **Genetic diversity and relationships detected by FAME and RAPD analysis among *Thymus* species growing in eastern Anatolia region of Turkey**  
Sunar S., AKSAKAL Ö., YILDIRIM N., AĞAR G., GÜLLÜCE M., Sahin F.  
ROMANIAN BIOTECHNOLOGICAL LETTERS, vol.14, no.2, pp.4314-4319, 2009 (SCI-Expanded)
29. **Copper(II) and zinc(II) biosorption on *Pinus sylvestris* L.**  
UCUN H., AKSAKAL Ö., YILDIZ E.  
Journal of Hazardous Materials, vol.161, pp.1040-1045, 2009 (SCI-Expanded)
30. **Biosorption of Lead(II) and Zinc(II) from Aqueous Solutions by Nordmann Fir (*Abies nordmanniana* (Stev.) Spach. subsp. nordmanniana) Cones**  
KAYA Y., AKSAKAL Ö., UGUN H.  
ACTA CHIMICA SLOVENICA, vol.56, no.2, pp.451-456, 2009 (SCI-Expanded)
31. **REMOVAL OF NICKEL FROM AQUEOUS SOLUTION BY NORDMANN FIR (*ABIES NORDMANNIANA* (STEV.) SPACH SUBSP NORDMANNIANA) CONES**  
AKSAKAL Ö., UCUN H., KAYA Y.  
ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, vol.7, no.4, pp.359-363, 2008 (SCI-Expanded)

### Articles Published in Other Journals

1. **IN VITRO ASSESSMENT OF HEMOSTATIC PERFORMANCES OF *SALVIA VERTICILLATA* L, *ACHILLEA BIEBERSTEINII* AFAN., *TRAGOPOGON AUREUS* BOISS., AND *CEPHALARIA PROCERA* FISCH. & AVÉ-LALL**  
KARAKAYA S., Özdemir Tozlu Ö., İncekara Ü., Turkez H., Sytar O., Aksakal O.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.47, no.3, pp.883-893, 2023 (Scopus)
2. **An Ethnobotanical Study on Plants Used in the Treatment of Gynecological Diseases in Some Provinces of the Eastern Anatolia Region**  
KARAKAYA S., Kimisoglu Z., İncekara Ü., Aksakal O., Sümbüllü Y. Z., Polat A.  
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.27, no.4, pp.834-843, 2023 (Peer-Reviewed Journal)
3. **KARS-BOĞATEPE KÖYÜ GELENEKSEL HALK HEKİMLİĞİ: BİTKİSEL EMLER**  
KIMIŞOĞLU Z., KARAKAYA S., SÜMBÜLLÜ Y. Z., İNCEKARA Ü., AKSAKAL Ö., POLAT A.  
Recep Tayyip Erdoğan Üniversitesi Fen-Edebiyat Fakültesi Türk Dili ve Edebiyatı Dergisi, vol.3, no.2, 2022 (Peer-Reviewed Journal)
4. **Traditional Medicinal Plants Used in Dermatologic Disorders in Ardahan, Iğdır and Kars**  
KARAKAYA S., KIMIŞOĞLU Z., YILMAZ S. V., AKSAKAL Ö., SÜMBÜLLÜ Y. Z., İNCEKARA Ü., POLAT A.  
SAKARYA UNIVERSITY JOURNAL OF SCIENCE, vol.26, no.6, pp.1142-1158, 2022 (Peer-Reviewed Journal)
5. **Investigation of the distribution of aquatic entomofauna (Coleoptera) affected by copper mine area, with new faunistic records in Murgul Mine (Artvin) province, Turkey**  
Aydoğan Z., İncekara Ü., Şişman T., Darılmaz M. C., Aksakal Ö.  
Iğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.2, pp.578-588, 2022 (Peer-Reviewed Journal)
6. **Ethnobotanical Study of Medicinal Plants in Aziziye District (Erzurum, Turkey)**  
Karakaya S., Polat A., Aksakal Ö., Sümbüllü Y. Z., İncekara Ü.  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.17, no.2, pp.211-220, 2020 (ESCI)
7. **An ethnobotanical investigation on medicinal plants in South of Erzurum (Turkey)**  
Karakaya S., Polat A., Aksakal Ö., Sümbüllü Y. Z., İncekara Ü.  
Ethnobotany Research and Applications, vol.18, 2019 (Scopus)
8. **Developmental disorders caused by *Verbascum speciosum* Schrad Extracts in *Drosophila melanogaster* Diptera Drosophilidae**  
UYSAL H., AKSAKAL Ö., AŞKIN H.  
Mehmet Akif Ersoy Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.3, pp.7-11, 2012 (Peer-Reviewed Journal)
9. **Inhibition Effects of Essential Oil of *Cymbocarpum erythraeum* Dc Boiss on Percentage of Survival from Larvae to Adult in *Drosophilamelanogaster* and its Chemical Composition**

Aksakal Ö., Uysal H., Altun Çolak D., Mete E., Kaya Y.

Mehmet Akif Ersoy Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.3, pp.32-36, 2012 (Peer-Reviewed Journal)

10. **The Morphological and Autoecological Properties of *Salvia rosifolia* Sm Lamiaceae Grown in Erzurum and its Environs in Turkey**

KAYA Y., AKSAKAL Ö.

Pakistan journal of biological sciences, vol.1, pp.2178-84, 2007 (Scopus)

11. **Endemik Bitkilerin Dünya ve Türkiye deki Dağılımı**

Kaya Y., Aksakal Ö.

Erzincan Üniversitesi Erzincan Eğitim Fakültesi Dergisi, vol.7, no.1, pp.85-99, 2005 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

1. **The Effects of Some Nanoparticules on Growth and Development in Maize (*Zea mays*) Plant**

TABAY D., AKSAKAL Ö.

4. Uluslararası Temel ve Uygulamalı Bilimlerdeki Gelişmeler Konferansı, 19 - 22 June 2019

2. **An ethnobotanical study of medicinal plants in Askale East of Erzurum-Turkey**

KARAKAYA S., POLAT A., AKSAKAL Ö., SÜMBÜLLÜ Y. Z., İNCEKARA Ü.

MAS-European International Congress on Mathematics Engineering-Natural and Medical Sciences-V., 2 - 05 May 2019

3. **UV-B Stress and Humic Acid Treatments Induce Phenolic Compounds in Lettuce (*Lactuca sativa* L.).**

TABAY D., AKSAKAL Ö., İÇOĞLU AKSAKAL F.

III. International Conference on Advances in Natural and Applied Sciences., Antalya, Turkey, 09 May 2018

4. **Ethnobotanical studies in the villages of the district of Aşkale (Province Erzurum), Turkey**

KARAKAYA S., AKSAKAL Ö., POLAT A., SÜMBÜLLÜ Y. Z., İNCEKARA Ü.

International Conference on Advances in Plant Sciences ICAPS, 25 - 27 April 2018

5. **Ethnobotanical studies in the villages of the district of İspir, Pazaryolu, Tortum and Uzundere (Province Erzurum), Turkey**

KARAKAYA S., POLAT A., AKSAKAL Ö., SÜMBÜLLÜ Y. Z., İNCEKARA Ü.

International Conference on Advances in Plant Sciences (ICAPS), 25 - 27 April 2018

6. **Determinations of protein secondary structural alterations in the aging of bloodstain on cotton fabric using fourier transform infrared spectroscopy study.**

BAKIŞ Ş. G., AKSAKAL Ö., ŞİMŞEK ÖZEK N.

7th International Molecular Biology and Biotechnology Congress, 25 - 27 April 2018

7. **Toxicity of graphene oxide in maize (*Zea mays* L.) seedlings**

KARAMAN A., AYSİN F., AKSAKAL Ö., YILMAZ A., GENÇ E.

7th International Molecular Biology and Biotechnology Congress, 25 - 27 April 2018

8. **Fourier Transform Infrared Spectroscopy (FT-IR) Coupled with Chemometric Analysis Approach Enables to Determine Temperature and Time Dependent Alterations in The Content of Blood Stain on Cotton Fabric**

BAKIŞ Ş. G., AKSAKAL Ö., ŞİMŞEK ÖZEK N.

III. International Turkish Congress on Molecular Spectroscopy, 26 - 29 August 2017

9. **Estimation of Bloodstain Age on Linen Fabric by Fourier Transform Infrared Spectroscopy**

BAKIŞ Ş. G., AKSAKAL Ö., ŞİMŞEK ÖZEK N.

III. International Turkish Congress on Molecular Spectroscopy, 26 - 29 August 2017

10. **Phytoremediation of Ar Contaminated Soils by Radish (*Raphanus sativus*)**

ESRİNGÜ A., AKSAKAL Ö., TURAN M.

ICAFOF, 15 May - 17 July 2017

11. **The Endogenous Hormones in Lettuce Seedlings Under the Combined Effects of Nitric Oxide and Salt Stress**

AKSAKAL Ö., AKAR R., ESRİNGÜ A., TABAY D.

ICAFOF, 15 - 17 May 2017

12. **Phytoremediation of Ar Contaminated Soils by Radish (*Raphanus sativus*)**  
ESRİNGÜ A., AKSAKAL Ö., TURAN M.  
ICAFOF, 15 - 17 May 2017
13. **The Combined Effects of Ultraviolet a (UV-A) Radiation and Nitric Oxide on Some Antioxidant Enzymes and Phenylalanine Ammonia Lyase (PAL) Gene Expression in Lettuce (*Lactuca sativa L.*)**  
AKSAKAL Ö., TABAY D., ESRİNGÜ A.  
ECOLOGY 2017, 11 - 13 May 2017
14. **Exogenous Proline and Ultraviolet a (UV-A) Treatment Increase the Accumulation of Health-Promoting Compounds, and Influence the Expression Levels of Biosynthesis Related Genes in Lettuce (*Lactuca sativa L.*)**  
AKSAKAL Ö., ESRİNGÜ A., TABAY D.  
ECOLOGY 2017, 11 - 13 May 2017
15. **Exogenous Selenium Can Enhance Tolerance of Maize Seedlings to UV-B Stress**  
AKSAKAL Ö., İÇOĞLU AKSAKAL F., TABAY D.  
II. International Conference on Advances in Natural and Applied Sciences, 18 - 21 April 2017
16. **Effect of Proline on the Contents of Amino Acids in Lettuce (*Lactuca sativa L.*) Under Ultraviolet B (UV-B)**  
TABAY D., AKSAKAL Ö., İÇOĞLU AKSAKAL F.  
II. International Conference on Advances in Natural and Applied Sciences, 18 - 21 April 2017
17. **The Endangered Plants of Turkey**  
AKSAKAL Ö.  
4. Uluslararası Türk Şöleni Türk Kültürü Sempozyumu, 17 - 19 May 2016
18. **PROTECTIVE ROLE OF HUMIC ACID IN LETTUCE LACTUCA SATIVA L SUBJECTED TO UV B RADIATION**  
AKSAKAL Ö., İÇOĞLU AKSAKAL F., ESRİNGÜ A.  
II. INTERNATIONAL CONFERENCE ON ENVIRONMENTALSCIENCE AND TECHNOLOGY - BELGRADE 2016, Belgrade, Serbia And Montenegro, 28 September - 02 October 2016
19. **Protective Role of Humic Acid in Lettuce *Lactuca sativa L* Subjected to UV B Radiation**  
AKSAKAL Ö., İÇOĞLU AKSAKAL F., ESRİNGÜ A.  
II. International Conference on Environmental Science and Technology, 28 September - 02 October 2016
20. **Protective role of humic acid in lettuce seedlings subjected to enhanced UV B radiation**  
AKSAKAL Ö., İÇOĞLU AKSAKAL F., SADEGEHAN N., ESRİNGÜ A.  
International Conference on Advances in Natural and Applied Sciences, 21 - 23 April 2016
21. **Protective Role of Humic Cid in Lettuce *Lactuca sativa L* Seedlings Subject Enhanced UV B Radiation**  
AKSAKAL Ö., İÇOĞLU AKSAKAL F., NASTARAN S., ESRİNGÜ A.  
ICANAS 2016, Antalya, Turkey, 21 - 23 April 2016
22. **Th effect of nitric oxide on g tocopherol methyletransferase gene expression in lettuce seedlings**  
AKSAKAL Ö., İÇOĞLU AKSAKAL F., AKAR R.  
International Conference on Advances in Natural and Applied Sciences, 21 - 23 April 2016
23. **Marulda *Lactuca Sativa L* Bitki Gelişimi Üzerine Organik Toprak Düzenleyicilerinin Etkileri**  
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