

Assoc. Prof. ÖZLEM AKSOY

Personal Information

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Education Information

Doctorate, Trakya Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji (Dr), Turkey 2001 - 2005

Post Graduate, Trakya Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey 1997 - 2000

Under Graduate, Ege Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, Turkey 1993 - 1997

Foreign Languages

English, C1 Advanced

Research Areas

Life Sciences, Plant Biology, Histological and Cytological of Plant Tissues, Natural Sciences

Academic Titles / Tasks

Associate Professor, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 2014 - Continues

Assistant Professor, Kocaeli Üniversitesi, Fen Edebiyat Fakültesi, Biyoloji, 2006 - 2016

Research Assistant, Trakya Üniversitesi, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2001 - 2005

Research Assistant, Trakya Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1997 - 2000

Professional Experience

Head of Department, Kocaeli Üniversitesi, Fen Edebiyat Fakültesi, Biyoloji, 2019 - Continues

Deputy Head of Department, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 2012 - 2016

Head of Department, Kocaeli Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 2007 - 2012

Courses

BİYOLOJİK ÇEŞİTLİLİK II, Under Graduate, 2016 - 2017

HÜCRE FARKLILAŞMASI, Post Graduate, 2016 - 2017

HÜCRE BİYOLOJİSİ LAB., Under Graduate, 2016 - 2017

HÜCRE BÖLÜNME MEKANİZMALARI, Post Graduate, 2016 - 2017

MESLEKİ YABANCI DİL II, Under Graduate, 2016 - 2017

BİTKİLERDE GENOTOKSİSİTE, Doctorate, 2016 - 2017

BİTKİ FİZYOLOJİSİ, Under Graduate, 2016 - 2017

HÜCRE BİYOLOJİSİ, Under Graduate, 2016 - 2017

BİYOLOJİK ÇEŞİTLİLİK I, Under Graduate, 2016 - 2017

BİTKİ FİZYOLOJİSİ LAB, Under Graduate, 2016 - 2017

Advising Theses

AKSOY Ö., Trakya Bölgesi'nde Yayılış Gösteren *Sonchus L.* (Asteraceae, Cichorieae) Türlerinin Morfolojik ve Moleküler Filogenetik Analizi, Doctorate, S.LEVENTER(Student), 2014

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Analysis of the effects of coumarin on *Lens culinaris* Medik by some biochemical parameters using real-time polymerase chain reaction**
YÜKSEL B., AKSOY Ö.
LEGUME RESEARCH, vol.42, pp.640-645, 2019 (Journal Indexed in SCI)
- **THE EFFECTS OF THE HERBICIDE ROUNDUP ON ZEA MAYS L.**
AKSOY Ö., TÜRKER KAYA S., Tutunoglu B.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, pp.1693-1700, 2019 (Journal Indexed in SCI)
- **The genotoxic effects of some food colorants on *Zea mays L. var. saccharata* Sturt**
DİKİLİTAŞ S., AKSOY Ö.
CARYOLOGIA, vol.71, pp.438-445, 2018 (Journal Indexed in SCI)
- **Investigation of the effects of quizalofop-P-ethyl on pollen germination of *Hyacinthus orientalis L***
DEVECİ A., AKSOY Ö., AL G.
CARYOLOGIA, vol.70, pp.77-81, 2017 (Journal Indexed in SCI)
- **PRODUCTION OF AZADIRACHTIN CONTENTS FROM IMMATURE FLOWERS DERIVE IN-VITRO CULTURES OF AZADIRACHTA INDICA A. JUSS**
RAFIQ M., RIND N. A. , MALHI M., AKSOY Ö., NAQVI S. H. A. , DAHOT M. U.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, pp.2058-2065, 2017 (Journal Indexed in SCI)
- **CYTOLOGICAL EFFECTS OF COUMARIN ON THE MITOSIS OF LENS CULINARIS MEDIK**
YÜKSEL B., AKSOY Ö.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, pp.6400-6407, 2017 (Journal Indexed in SCI)
- **GENETIC DIVERSITY AND CONSERVATION STRATEGIES OF SOME LILIUM CANDIDUM L. POPULATION IN TURKEY**
ÖZEN F., AKA G. E. , AKSOY Ö.
BANGLADESH JOURNAL OF BOTANY, vol.45, pp.133-141, 2016 (Journal Indexed in SCI)
- **EVALUATION OF GENETIC DIVERSITY AMONG MELIA AZEDARACH L. (MELIACEAE) WITH RAPD MARKERS**
RIND N. A. , AKSOY Ö., DAHOT M. U. , DİKİLİTAŞ S., RAFIQ M., TUTUNOGLU B.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.25, pp.2374-2382, 2016 (Journal Indexed in SCI)
- **GENOTOXIC EFFECTS OF THE FUNGICIDE SPORTAK ON ZEA MAYS**
AKSOY Ö., DEVECİ A., TUTUNOGLU B.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.24, pp.552-559, 2015 (Journal Indexed in SCI)
- **Cytotoxic effects of Reactive Blue 33 on *Allium cepa* determined using Taguchi's L-8 orthogonal array**
AL G., Ozdemir U., AKSOY Ö.
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, vol.98, pp.36-40, 2013 (Journal Indexed in SCI)
- **Investigation of mitosis, microsporogenesis and pollen germination in the critically endangered plant *Amsonia orientalis* (Apocynaceae)**
AKSOY Ö., KIZILIRMAK S., AKDENİZ G. B.
CARYOLOGIA, vol.66, pp.282-288, 2013 (Journal Indexed in SCI)
- **The Investigation of the Cytotoxic Effects of Some Pesticides on Soybean (*Glycine max L.*)**
AKSOY Ö., DEVECİ A.
CYTOLOGIA, vol.77, pp.475-483, 2012 (Journal Indexed in SCI)
- **THE ANATOMY AND MORPHOLOGY OF THE MEDICINAL PLANT, LILIUM CANDIDUM L. (LILIACEAE), DISTRIBUTED IN MARMARA REGION OF TURKEY**
ÖZEN F., TEMELTAS H., AKSOY Ö.
PAKISTAN JOURNAL OF BOTANY, vol.44, pp.1185-1192, 2012 (Journal Indexed in SCI)
- **PHYTOTOXIC AND GENOTOXIC EFFECTS OF WATER SAMPLES TAKEN FROM THE EASTERN**

CHANNEL OF KOCAELI ON VICIA FABA AND ZEA MAYS

AKSOY Ö., ERBULUCU T., ONER S., TEKELİ I. B.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, pp.1819-1826, 2012 (Journal Indexed in SCI)

- **Morphological and anatomical contributions to the taxonomical identification of two *Ornithogalum* taxa (*O. nutans* and *O. boucheanum*) from Flora of Turkey**
Meric C., AKSOY Ö., Dane F.
BIOLOGIA, vol.66, pp.68-75, 2011 (Journal Indexed in SCI)
- **Ultrastructural changes in the root tip and leaf cells of *Lens culinaris* treated with fluazifop-p-butyl**
AKSOY Ö., Dane F.
TURKISH JOURNAL OF BOTANY, vol.35, pp.389-402, 2011 (Journal Indexed in SCI)
- **The Effects of Fungicide Benomyl (Benlate) on Growth And Mitosis in Onion (*Allium cepa* L.) Root Apical Meristem**
DANE F., AKSOY Ö.
Acta Biologica Hungarica, vol.56, pp.119-128, 2005 (Journal Indexed in SCI)

Articles Published in Other Journals

- **The Cytotoxic Effects of Benzoic Acid and Coumarin on *Allium cepa* var. *cepa***
DİKİLİTAŞ S., TUTUNOĞLU B., AKSOY Ö., RIND N. A.
Journal of Functional and Environmental Botany, vol.8, pp.1-6, 2019
- **Su Stresi Koşullarında Bitkilerde Gözlenen Değişimler**
YÜKSEL B., AKSOY Ö.
DERLEME - Turkish Journal Of Scientific Reviews, vol.10, pp.1-5, 2017
- **Calcium oxalate crystals in generative organs of *Astragalus hamosus* and *Astragalus glycyphyllos***
YILMAZ G., AKSOY Ö., DANE F.
Biological Diversity and Conservation, vol.6, pp.8-12, 2013
- **Phytotoxic effect of quizalofop-P-ethyl on soybean (*Glycine max* L.)**
AKSOY Ö., DEVECİ A., KIZILIRMAK S., AKDENİZ G. B.
Journal of Biodiversity and Environmental Science, vol.3, pp.44-53, 2013
- **The phytotoxic and genotoxic effects of olive oil and milk industry waste water on *Elodea canadensis***
AKSOY Ö.
Journal of Functional and Environmental Botany, vol.3, pp.43-53, 2013
- **Effects of wastewater from olive oil and milk industry on growth and mitosis in *Allium cepa* root apical meristem**
AKSOY Ö., ERBULUCU T., VATAN E.
Journal of Applied Biological Sciences, vol.5, pp.75-78, 2011
- **Mitotic changes in root meristems of *Lens culinaris* treated with fusilade (fluazifop-p-butyl)**
AKSOY Ö., EKİCİ N., DANE F.
Asian Journal of Cell Biology, vol.3, pp.34-40, 2008
- **Karyological and Palynological Studies on *Astragalus hamosus* and *Astragalus glycyphyllos* in Turkey**
DANE F., AKSOY Ö., YILMAZ G.
Phytologia Balcanica, vol.13, pp.387-391, 2007
- **The effects of Fusilade (Fluazifop-p-butyl) on root and shoot growth of lentil (*Lens culinaris* Medik.) seedlings**
AKSOY Ö., DANE F.
Journal of Applied Biological Sciences, vol.1, pp.9-13, 2007
- **Some of the Molecular Mechanisms of Pollen Tube Growth and Guidance**
AKSOY Ö., DANE F.
Asian Journal of Plant Sciences, vol.4, pp.702-710, 2005
- **In vitro pollen germination of some plant species in basic culture medium**
DANE F., OLGUN G., AKSOY Ö.
Journal of Cell and Molecular Biology, vol.3, pp.71-76, 2004
- ***Biserrula pelecinus* L. (Fabaceae): karyological and palynological survey of the new monotypic genus**

for the flora of European Turkey

DANE F., DALGIÇ G., AKSOY Ö.

Botanika Chronika, vol.16, pp.47-52, 2003

Books & Book Chapters

- **in: ADVANCES IN HEALTH AND NATURAL SCIENCES**

AKSOY Ö., HOROZAL A., YÜKSEL B.

MUTAGENIC POTENTIAL OF THE INSECTICIDE ARRIVO 25 EC ON MITOSIS AND MEIOSIS OF HYACINTHUS ORIENTALIS, YÜKSEL BURCU, KARAGÜL MUSTAFA SENCER, Editor, NOVA SCIENCE PUBLISHERS, New-York, pp.139-154, 2018

- **Bitki Biyoçeşitliliği Laboratuvarı II (Tohumlu Bitkiler)**

AKSOY Ö., Özen F., Acemi A.

Umuttepe Yayınları, İstanbul, 2017

- **in: Plant Ecology Traditional Approaches to Recent Trends**

AKSOY Ö.

Detection of Environmental Mutagens Through Plant Bioassays, Zubaida Yousaf, Editor, InTech, 2017

- **Bitki Biyoçeşitliliği Laboratuvarı I (Tohumuz Bitkiler ve Mantarlar)**

Aksoy Ö., Özen F., Acemi A.

Nobel Yayın Dağıtım, Ankara, 2014

Supported Projects

AKSOY Ö., Project Supported by Higher Education Institutions, KUMARİNİN MERCİMEK BİTKİSİ (LENSCULINARIS MEDİK) ÜZERİNDEKİ MOLEKÜLER VE BİYOKİMYASAL ETKİLERİNİN ARAŞTIRILMASI, 2016 - 2018

AKSOY Ö., Project Supported by Higher Education Institutions, Gibberellik asitin Galleria melonella L. (Lepidoptera: Pyralidae) ve Allium cepa (Liliaceae) Üzerindeki Genotoksik Etkileri, 2014 - 2016

AKSOY Ö., Project Supported by Higher Education Institutions, Bazı Pestisitlerin Soya (Glycine max) Üzerindeki Fitotoksik ve Genotoksik Etkilerinin Belirlenmesi, 2011 - 2013

Citations

Total Citations (WOS):55

h-index (WOS):5