

Personal Information

Office Phone: [+90 212 455 5700](tel:+902124555700) Extension: 26800

Email: ekaplan@istanbul.edu.tr

Web: <http://aves.istanbul.edu.tr/ekaplan/>

Address: İ.Ü. Fen Fak. Biyoloji Böl. Botanik ABD 34134 Süleymaniye-Fatih/İstanbul

Education Information

Doctorate, İstanbul Üniversitesi, Fen/Fen Bilimleri, Biyoloji/Botanik, Turkey 2005 - 2012

Post Graduate, İstanbul Üniversitesi, Fen/Fen Bilimleri, Biyoloji/Botanik, Turkey 2001 - 2005

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Other, Biyoenformatik Kursu, Orta Doğu Teknik Üniversitesi, 2014

Other, Trace Elements in the Environment: Contamination Cleanup to Phytoproducts, İstanbul Üniversitesi, 2010

Other, Bitki Moleküler Biyolojisinde Son Teknikler: Bitkilerde Gen Klonlaması ve Ekspresyonu Kursu, Gen Mühendisliği ve Biyoteknoloji Araştırma Enstitüsü (GMBAE), 2004

Dissertations

Doctorate, Brassica juncea var. P78 Bitkisine Bazı Ağır Metallerin Uygulanmasıyla Anlatımı Değişen Genlerin Tanımlanması Ve Belirlenmesi, İstanbul University, Biyoloji, Botanik, 2012

Post Graduate, Helianthus annuus L. Fidelerinde Brassinosteroidler ile Senesens ve Gravitropizma Arasındaki İlişkinin İncelenmesi, İstanbul University, Biyoloji, Botanik, 2005

Research Areas

Life Sciences, Plant Biology, Plant Physiology, Biochemistry, Plant Biochemistry, Biotechnology, Plant Biotechnology, Environmental Biology, Environmental Pollution, Molecular Biology and Genetics, Plant Molecular Genetics, Natural Sciences

Academic Titles / Tasks

Medical Doctor, İstanbul Üniversitesi, Faculty of Science, Department of Biology, 2010 - Continues

Research Assistant, İstanbul Üniversitesi, Faculty of Science, Department of Biology, 2001 - 2010

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

- **Salicylic acid alleviates thiram toxicity by modulating antioxidant enzyme capacity and pesticide detoxification systems in the tomato (*Solanum lycopersicum* Mill.)**

Yuzbasioglu E., Dalyan E.

PLANT PHYSIOLOGY AND BIOCHEMISTRY, vol.135, pp.322-330, 2019 (Journal Indexed in SCI)

- **Characterization of differentially expressed genes to Cu stress in Brassica nigra by Arabidopsis genome arrays**

Cevher-Keskin B., Yildizhan Y., Yuksel B., Dalyan E., Memon A. R.

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.26, pp.299-311, 2019 (Journal Indexed in SCI)

- **Effect of 24-Epibrassinolide on Antioxidative Defence System Against Lead-Induced Oxidative Stress in The Roots of Brassica juncea L. Seedlings**

Dalyan E., Yuzbasioglu E., Akpınar I.

RUSSIAN JOURNAL OF PLANT PHYSIOLOGY, vol.65, pp.570-578, 2018 (Journal Indexed in SCI)

- **The identification of genes associated with Pb and Cd response mechanism in Brassica juncea L. by using Arabidopsis expression array**

Dalyan E., Yuzbasioglu E., Keskin B. C. , Yildizhan Y., MEMON A., Unal M., Yuksel B.

ENVIRONMENTAL AND EXPERIMENTAL BOTANY, vol.139, pp.105-115, 2017 (Journal Indexed in SCI)

- **Berteroa physocarpa (Brassicaceae), a new species from NW Turkey based on morphological and molecular data**

Yuzbasioglu S., Al-Shehbaz I. A. , Yuzbasioglu E., Dalyan E.

PHYTOTAXA, vol.305, pp.87-96, 2017 (Journal Indexed in SCI)

- **Functional specialization of Arf paralogs in nodules of model legume, Medicago truncatula**

Yuzbasioglu E., Dalyan E., MEMON A., Oz G., Yuksel B.

PLANT GROWTH REGULATION, vol.81, pp.501-510, 2017 (Journal Indexed in SCI)

- **Uptake, accumulation and some biochemical responses in Raphanus sativus L. to zinc stress**

Kosesakal T., Yuzbasioglu E., Kaplan E., Baris C., Yuzbasioglu S., Belivermis M., Cevahir-Oz G., Unal M.

African Journal of Biotechnology, vol.10, pp.5993-6000, 2011 (Journal Indexed in SCI Expanded)

- **Chlorophyll, protein and anthocyanin content and peroxidase activity in excised red cabbage (Brassica oleracea L.) cotyledons**

Cag S., Goren-Saglam N., Cingil-Baris C., Kaplan E.

BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.21, pp.422-425, 2007 (Journal Indexed in SCI)

- **The effect of Zn, Cu and Mn on senescence in excised cotyledons of Eruca sativa L.**

Cag S., Cevahir G., Unal N., Kaplan E., Çingil Ç., Kösesakal T.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.13, pp.733-739, 2004 (Journal Indexed in SCI)

Articles Published in Other Journals

- **GENOTOXICITY AND ANTIOXIDANT ENZYME ACTIVITIES INDUCED BY THE CAPTAN FUNGICIDE IN THE ROOT OF BELL PEPPER (Capsicum annuum L. var. grossum L. cv. Kandil)**

Seyhan M., Yüzbaşıoğlu E., Dalyan E., Akpınar I., Ünal M.

Trakya University Journal of Natural Sciences, vol.20, pp.97-103, 2019 (National Refreed University Journal)

- **Büyüme hormonları ve aktif kömürün in vitro koşullarda kardelen (Galanthus woronowii Losinsk.) soğancık oluşumuna etkisi**

Yüzbaşıoğlu E., Dalyan E.

Mediterranean Agricultural Sciences (Akdeniz Üniversitesi Ziraat Fakültesi Dergisi), vol.30, pp.239-243, 2017 (National Refreed University Journal)

- **Changes in photosynthetic pigments, anthocyanin content and antioxidant enzyme activities of maize (Zea mays L.) seedlings under high temperature stress**

Yüzbaşıoğlu E., Dalyan E., Akpınar I.

Trakya University Journal of Natural Sciences, vol.18, pp.97-104, 2017 (National Refreed University Journal)

- **The effect of epibrassinolide on senescence in horizontal sunflower (Helianthus annuus L.) seedlings**

Dalyan E., Sağlam S.

IUFS Journal of Biology, vol.1, pp.33-44, 2013 (National Refreed University Journal)

- **In vitro propagation of endemic plant Centaurea arifolia Boiss. taxa**

Yüzbaşıoğlu E., Dalyan E., Bona M., Öz G.

IUFS Journal of Biology, vol.71, pp.121-127, 2012 (National Refreed University Journal)

Books & Book Chapters

- **in: Lead in Plants and the Environment**
DALYAN E., YÜZBAŞIOĞLU E., Akpınar I.
Physiological and Biochemical Changes in Plant Growth and Different Plant Enzymes in Response to Lead Stress, Gupta D., Chatterjee S., Walther C., Editor, Springer, Cham, Bern, pp.129-147, 2020
- **in: Trace Elements as Contaminants and Nutrients: Consequences in Ecosystems and Human Health**
Memon A. R. , Yıldızhan Y., DALYAN E.
Metal Accumulation in Crops—Human Health Issues , M. N. V. Prasad, Editor, John Wiley & Sons, Inc, New York, pp.81-97, 2008

Refereed Congress / Symposium Publications in Proceedings

- **Lead Stress-Induced Changes on Growth, Photosynthetic Pigments, Lipid Peroxidation and Antioxidative Enzyme Activities in Maize Leaves**
Dalyan E.
3rd International Eurasian Conference on Biological and Chemical Sciences , Ankara, Turkey, 19 - 20 Mart 2020, pp.245
- **Changes in the Antioxidative Enzyme Activities and Lipid Peroxidation in Maize Roots Exposed to Lead Stress**
Dalyan E.
1st International Congress on Sustainable Agriculture and Technology, Gaziantep, Turkey, 1 - 03 Nisan 2019, pp.531
- **Metal Bazlı Nanopartiküllerin Fusarium oxysporumf. sp. lycopersici İzolatları Üzerine Antifungal Etkilerinin Araştırılması**
AKPINAR I., ŞAR T., YÜZBAŞIOĞLU E., DALYAN E., ÜNAL M.
19. ULUSLARARASI KATILIMLI ULUSAL BİYOTEKNOLOJİ KONGRESİ, Eskişehir, Turkey, 1 - 03 December 2017, vol.1, no.1, pp.139
- **The Effect of Foliar Application of 24-Epibrassinolide on Antioxidant Enzymes Activity in Maize (Zea mays L.) Under Cd Stress**
Dalyan E., Yüzbaşıoğlu E., Akpınar I.
XIII. Uluslararası Katılımlı Ekoloji ve Çevre Kongresi , Edirne, Turkey, 12 - 15 Eylül 2017, pp.301
- **Türkiye’de Berteroa DC. (Brassicaceae) Cinsi**
YÜZBAŞIOĞLU İ. S. , YÜZBAŞIOĞLU E., DALYAN E.
XIII. Uluslararası Katılımlı Ekoloji ve Çevre Kongresi UKECEK 2017, Edirne, Turkey, 12 - 15 September 2017, pp.173
- **24-Epibrassinolidin Yaprak Uygulamalarının Cd Stresi Altındaki Mısır (Zea mays L.) Bitkisinde Antioksidan Enzimlerin Aktivitesi Üzerine Etkileri**
DALYAN E., YÜZBAŞIOĞLU E., AKPINAR I.
XIII. Uluslararası Katılımlı Ekoloji ve Çevre Kongresi UKECEK 2017, Edirne, Turkey, 12 - 15 September 2017, pp.464
- **Antifungal Effects of Silver Nanoparticles (AgNPs) against Fusarium oxysporum f. sp. lycopersici (FOL) Isolates**
AKPINAR I., ŞAR T., YÜZBAŞIOĞLU E., DALYAN E., ÜNAL M.
International Green Biotechnology Congress, İstanbul, Turkey, 11 - 13 September 2017, pp.1
- **An Investigation of Inhibitory Effect of Different Nanoparticles on Fusarium oxysporum f. sp. radicles lycopersici (FORL).**
AKPINAR I., ŞAR T., YÜZBAŞIOĞLU E., DALYAN E., ÜNAL M.
International Green Biotechnology Congress, İstanbul, Turkey, 11 - 13 September 2017, pp.1
- **Pretreatment of Salicylic Acid Effects on Antioxidant Enzymes Activity in Tomato (Lycopersicon esculentum) Leaves After Thiram Treatment**
YÜZBAŞIOĞLU E., DALYAN E.
Ecology Symposium, Kayseri, Turkey, 11 - 13 May 2017, pp.284

- **Differential Sensitivity of Bell Pepper (*Capsicum annuum* L.var.grossum L.cv. Kandil)to Thiram and Captan: Cytogetic assay and antioxidative defence system**
Akpınar I., YÜZBAŞIOĞLU E., DALYAN E., ÜNAL M.
UK PlantSci2016, Norwich, United Kingdom, 11 April - 12 October 2016, pp.35
- **Differential sensitivity of tomato (*Lycopersicon esculentum* Miller) to thiram and captan: Cytogetic assay and antioxidative defence system**
AKPINAR I., YÜZBAŞIOĞLU E., DALYAN E., ÜNAL M.
Induced Plant Development,Sainsbury Laboratory Symposium, Cambridge, United Kingdom, 4 April - 06 October 2016, pp.30
- **Effects of 24-epibrassinolide on lipid peroxidation and antioxidative enzymes activities in *Brassica juncea* L. under lead stress**
Dalyan E.
II. International Plant Breeding Congress And Eucarpia– Oil And Protein Crops Section Conference, Antalya, Turkey, 1 - 05 Kasım 2015, pp.210
- **Effects of Gradually Rising Temperature in Maize (*zea mays* L.) seedlings: photosynthesis characteristics and protective mechanism**
YÜZBAŞIOĞLU E., DALYAN E., Akpınar I.
II.INTERNATIONAL PLANT BREEDING CONGRESS AND EUCARPIA– OIL AND PROTEIN CROPS SECTION CONFERENCE, Antalya, Turkey, 1 - 05 November 2015, pp.369
- **Expression analysis of putative small GTPase in *Medicago truncatula***
Yüzbaşıoğlu E., Yüksel B., Dalyan E., Cevher Keskin B.
FEBS EMBO Conference, Paris, France, 30 Ağustos - 04 Eylül 2014, pp.213
- **Characterization of ARF1 paralogs in the nodular structure formation of *Medicago truncatula***
Yüzbaşıoğlu E., Yüksel B., Dalyan E.
FEBS EMBO Conference, Paris, France, 30 Ağustos - 04 Eylül 2014, pp.212
- **The identification and characterization of heavy metal stress responsive genes in *Brassica juncea***
Dalyan E., Yüksel B., Yüzbaşıoğlu E., Ünal M.
FEBS EMBO Conference, Paris, France, 30 Ağustos - 04 Eylül 2014, pp.213
- **Türler Arası Gen Ekspresyon Profilleme Çalışmalarının Kullanılabilirliğinin, Arabidopsis ve Brassica Türleri Üznelinde Biyoinformatik Yaklaşımlarla İrdelenmesi**
DALYAN E., Yüksel B., ÜNAL M.
21. Ulusal Biyoloji Kongresi (Uluslararası katılımlı), İzmir, Turkey, pp.496
- **Roka (*Eruca sativa* L.) Fidelerinde Brassinosteroidlerin Çinko Toksisitesine Karşı Koruyucu Etkisi**
Dalyan E., Yüzbaşıoğlu E., Kösesakal T., Çingil Barış Ç., Ünal M.
VII. Ulusal Ekoloji ve Çevre Kongresi, Malatya, Turkey, 10 - 13 Eylül 2007, pp.125
- **Turp (*Raphanus sativus* L.) Fidelerinde Çinko Birikimi ve Toleransı**
Kösesakal T., Yüzbaşıoğlu E., Dalyan E., Çingil Barış Ç., Ünal M.
VII. Ulusal Ekoloji ve Çevre Kongresi, Malatya, Turkey, 10 - 13 Eylül 2007, pp.126
- **Investigation of Relationships between Brassinosteroids with Senescence and Gravitropism in *Helianthus annuus* L.**
DALYAN E., ÇAĞ S.
International Symposium 7th Plant Life of South West Asia (7th PLoSWA), Tunisia, 1 - 04 June 2007, pp.107
- **Development of a Tissue Culture System for *Raphanus sativus* L.**
YÜZBAŞIOĞLU E., DALYAN E., ÖZ G., Yılmaz N.
International Symposium 7th Plant Life of South West Asia (7th PLoSWA), Turkey, 1 - 04 June 2007, pp.107
- **Phytoaccumulation Of Cadmium In *Lemna minor* And *Azolla filiculoides***
Memon A. R. , DALYAN E., KÖSESAKAL T.
COST Action 859-Workshop of WG2 and WG4 and Management Committee Meeting Fate of pollutants in the plant/rhizosphere system: Fundamental aspects and their significance for field applications - Prospects and research needs, Lithuania, 1 - 04 May 2007, pp.156
- **Epibrassinolidin Kesik Brassica oleracea L. (Kırmızı lahana) Kotiledonlarının Büyümesine Etkisi**
ÇAĞ S., SAĞLAM N., ÇİNGİL BARIŞ Ç., DALYAN E.
17. Ulusal Biyoloji Kongresi, Adana, Turkey, 21 - 24 Haziran 2004, pp.61

- **Eruca sativa L. (Roka) Fidesinin Kesik Kotiledonlarında Meydana Gelen Senesens Üzerine Zn, Cu, Mn Elementlerinin Etkisi**

Sağlam S., Öz G., Dalyan E., Çingil Ç., Kösesakal T.

XVI. Ulusal Biyoloji Kongresi, Malatya, Turkey, 4 - 07 September 2002, pp.123

Supported Projects

DALYAN E., YÜZBAŞIOĞLU E., Project Supported by Higher Education Institutions, Kurşun Stresinin Mısır Bitkisinde Büyüme, Fotosentetik Pigmentler, Lipid Peroksidasyonu ve Antioksidan Enzim Aktiviteleri Üzerine Etkileri, 2019 - Continues

YÜZBAŞIOĞLU E., YÜZBAŞIOĞLU İ. S. , DALYAN E., Project Supported by Higher Education Institutions, Domates Fidelerinde Fungisitlerin Fotosentetik Pigment İçeriği Üzerine Etkisinin İncelenmesi, 2019 - 2020

DALYAN E., AKPINAR I., YÜZBAŞIOĞLU E., Project Supported by Higher Education Institutions, Mısır (Zea mays L.) Bitkisinde Kurşun Stresine Karşı Antioksidan Enzimlerin Aktivitesinde ve Transkripsiyonunda Meydana Gelen Değişikliklerin İncelenmesi, 2016 - 2019

YÜZBAŞIOĞLU İ. S. , DALYAN E., YÜZBAŞIOĞLU E., Project Supported by Higher Education Institutions, Türkiye'de Berteroa DC. (Brassicaceae) Cinsi, 2017 - 2018

YÜZBAŞIOĞLU E., DALYAN E., YÜZBAŞIOĞLU İ. S. , Project Supported by Higher Education Institutions, Nesli Tehlike Altında Bulunan Endemik Centaurea hermanii F. Herman bitkisinin doku kültürü yöntemi ile çoğaltılması, 2014 - 2017

YÜZBAŞIOĞLU E., DALYAN E., Project Supported by Higher Education Institutions, YÜKSEK SICAKLIK STRESİNİN MISIR BİTKİSİ ÜZERİNE ETKİSİNİN İNCELENMESİ, 2016 - 2016

DALYAN E., Project Supported by Higher Education Institutions, The Identification and Characterization of Heavy Metal Stress Responsive Genes in Brassica juncea, 2014 - 2014

DALYAN E., Project Supported by Higher Education Institutions, Brassica juncea Bitkisinde Kurşun Uygulamasıyla Anlatımı Değişen Bazı Genlerin Ekspresyon Seviyelerinin RT-PCR Yöntemi ile Belirlenmesi, 2012 - 2013

DALYAN E., EU Supported Other Project, Devamlı Toprak Kullanımını ve Gıda Güvenliğini İyileştirmede Fitoteknolojiler, 2005 - 2010

Citations

Total Citations (WOS):34

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