

# Prof. İBRAHİM İLKER ÖZYİĞİT

## Personal Information

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## International Researcher IDs

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## Education Information

Associate Degree, Anadolu University, Açıköğretim Fakültesi, İlahiyat Bölümü, Turkey 2019 - 2023

Undergraduate, Istanbul University, Open And Distance Education Faculty, Geography, Turkey 2013 - 2017

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Biyoloji (Dr), Turkey 1999 - 2003

Postgraduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Biyoloji (YI) (Tezli), Turkey 1996 - 1999

Undergraduate, Istanbul University, Faculty Of Science, Department Of Biology, Turkey 1989 - 1995

## Foreign Languages

English, C1 Advanced

## Research Areas

Natural Sciences

## Academic Titles / Tasks

Professor, Marmara University, Faculty of Arts and Sciences, Biology, 2022 - Continues

Professor, Kırgızistan-Türkiye Manas Üniversitesi, Fen, Biyoloji, 2017 - 2022

Professor, Marmara University, Faculty of Arts and Sciences, Biology, 2016 - 2017

Associate Professor, Marmara University, Faculty of Arts and Sciences, Biology, 2010 - 2016

Research Assistant, Marmara University, Faculty of Arts and Sciences, Biology, 1996 - 2010

## Academic and Administrative Experience

Head of Department, Marmara University, Faculty of Arts and Sciences, Biology, 2022 - Continues

Fakülte Kurulu Üyesi, Marmara University, Faculty of Arts and Sciences, 2022 - Continues

Vice Dean, Marmara University, Faculty of Arts and Sciences, 2022 - Continues

Fakülte Yönetim Kurulu Üyesi, Kırgızistan-Türkiye Manas Üniversitesi, Fen, 2017 - 2022

Director of the Center, Kırgızistan-Türkiye Manas Üniversitesi, Biyoteknoloji-Biyoeçeşitlilik Araştırma ve Uygulama Merkezi, 2017 - 2020

Fakülte Kurulu Üyesi, Kırgızistan-Türkiye Manas Üniversitesi, Fen, 2017 - 2019

## Advising Theses

- Özyiğit İ. İ., Bazı Su Bitkilerinde Kurşun Genotoksitesinin Moleküler Belirteçler ile Belirlenmesi ve Bu Bitkilerin Kurşun ile Kirlenmiş Suların Fitoremediasyonunda Kullanılabilirliklerinin Araştırılması, Doctorate, H.YAZICIOĞLU(Student), Continues
- Özyiğit İ. İ., Çubuk S., Bodur Paşa Kılıcı (Sansevieria trifasciata Hahnii) Bitkisinde Kadmiyum Stresine Bağlı Fizyolojik ve Genotoksik Etkilerin Belirlenmesi, Postgraduate, F.AKTÜRK(Student), Continues
- Süner S., Özyiğit İ. İ., BUĞDAY (Triticum aestivum L.) VE ARPA (Hordeum vulgare L.) BİTKİLERİNDE KADMIYUM STRESİNE BAĞLI GENOTOKSİK ETKİLERİN BELİRLENMESİ, Postgraduate, K.ÇILGIN(Student), 2022
- Özyiğit İ. İ., Chekirov K., Kırgızistan'da Yaygın Olarak Ekimi Yapılan Ekmeklik Buğday (Triticum aestivum L.) Varyetelerine Ait Genetik Çeşitliliğin Moleküler Belirteçler ile Araştırılması, Postgraduate, A.SEİDAKHMATOVA(Student), 2022
- Özyiğit İ. İ., Kırgızistan Kant Şehri'nde Bulunan Çimento Fabrikasının Phragmites australis Bitkisi Üzerine Etkilerinin Araştırılması, Postgraduate, M.BEYSHENOVA(Student), 2021
- Özyiğit İ. İ., Farklı Konsantrasyonlarda Uygulanan Kadmiyum (Cd) Elementinin Buğday (Triticum aestivum L.) Bitkisindeki Etkileri, Postgraduate, D.BAKTİBEKOVA(Student), 2021
- Özyiğit İ. İ., Arpa (Hordeum vulgare L.) Bitkisinde Kadmiyum (Cd) Stresinin Etkilerinin Araştırılması, Postgraduate, A.ABAKİROVA(Student), 2021
- Özyiğit İ. İ., Physiological and genotoxic effects of aluminum and cadmium mixtures on bryophyllum daigremontianum (Raym.-Hamet & H.Perrier) A. Berger plants in different concentrations, Postgraduate, H.Yazicioğlu(Student), 2019
- SEVEROĞLU Z., ÖZYİĞİT İ. İ., İstanbul'un farklı habitatlarından toplanan Borago officinalis L. populasyonlarının genetik çeşitliliklerinin, ağır metal ve mineral besin element miktarlarının araştırılması, Postgraduate, G.Lokumcu(Student), 2019
- ÖZYİĞİT İ. İ., Severoğl Z., Farklı konsantrasyonlardaki ağır metal (cd, ni, pb ve zn) karışımlarının hygrophila difformis blume bitkisindeki fizyolojik ve genotoksik etkileri, Postgraduate, D.Şehirli(Student), 2019
- SEVEROĞLU Z., ÖZYİĞİT İ. İ., İstanbul'un farklı habitatlarından toplanan öksürük otu (tussilago farfara l.) populasyonlarının genetik çeşitliliklerinin, ağır metal ve mineral besin element miktarlarının araştırılması, Postgraduate, C.Tetik(Student), 2019
- SEVEROĞLU Z., ÖZYİĞİT İ. İ., Yapay ortamlarda ağır metal (cd, ni, pb ve zn) kirliliğine maruz bırakılan anubias barteri schott var. barteri bitkilerinde fizyolojik ve genotoksik değişikliklerin araştırılması, Postgraduate, N.Kaan(Student), 2019
- Özyiğit İ. İ., Kocagöz Z. T., Ağızdan aşı adayı Clostridium difficile yüzey proteini geni slpA'nın Agrobacterium tumefaciens'e aktarılması, Postgraduate, N.Çağlayan(Student), 2019
- ÖZYİĞİT İ. İ., Marmara Denizi'nin farklı bölgelerinden alınan astropecten irregularis (pennant, 1777)'e ait populasyonların ağır metal akümülyasyonlarının, genetik çeşitliliklerinin ve filogenetik ilişkilerinin araştırılması, Postgraduate, B.Uçar(Student), 2019
- Özyiğit İ. İ., Doğan İ., Isık Gölü-Ton bölgesindeki Kacı Say Köyünde Bulunan Eski Sovyet Uranyum Depolama Tesisinin Sebep Olduğu Çevresel Kirliliğinin Boyutlarının Belirlenmesinde Artemisia dracunculoides Bitki Türünün Biyomonitör Organizma Olarak Kullanılması, Postgraduate, A.TURGUNBAEVA(Student), 2018
- ÖZYİĞİT İ. İ., ; E., Investigation of genetic diversity, phylogenetic and chemotaxonomic relationships in some opium poppy (papaver somniferum l.) cultivars in Turkey, Doctorate, U.Şen(Student), 2017
- ÖZYİĞİT İ. İ., Farklı konsantrasyonlarda uygulanan kadmiyum (cd) elementinin ludwigia glandulosa walter ve alternanthera reineckii briq. bitkilerindeki genotoksik etkilerinin moleküler yöntemlerle belirlenmesi, Postgraduate, G.Müzeyyen(Student), 2017
- Özyiğit İ. İ., Dogan I., Ülkemizde yetiştirilen nohut (Cicer arietinum L.) çeşitlerinde ileri çıkmış hatlarda ascochyta yanıklığına karşı direncin moleküler işaretleyiciler (STMS, ISSR VE RAPD) kullanılarak araştırılması, Postgraduate, M.Enes(Student), 2017
- ÖZYİĞİT İ. İ., Filiz İ., Ülkemizde yaygın olarak yetiştirilen şeker mısır (zea mays l. var. saccharata) varyetelerinin genetik çeşitlilik ve filogenetik ilişkilerinin araştırılması, Postgraduate, N.Öztürk(Student), 2017

ÖZYİĞİT İ. İ., Demir İ., Ülkemizde geleneksel tedavilerde yaygın olarak kullanılan bazı tıbbi bitkilerin tohumlarında ağır metal ve mineral besin element tayini, Postgraduate, O.Yıldırım(Student), 2017

Özyiğit İ. İ., Filiz İ., Ülkemizde yetiştirilen nohut (*Cicer arietinum* L.) varyetelerinde genetik çeşitliliğin araştırılması, Postgraduate, S.Adınır(Student), 2017

Özyiğit İ. İ., Filiz İ., Investigation of genetic diversity, heavy metal and mineral nutrient status of *Robinia pseudoacacia* L. plants collected from urban ecosystems, Doctorate, M.Emin(Student), 2017

Özyiğit İ. İ., Filiz E., İstanbul'da dağılım gösteren *Crocus flavus* subsp. *flavus* populasyonlarının genetik çeşitlilik ve filogenetik ilişkilerinin araştırılması, Postgraduate, T.YILDIRIM(Student), 2017

ÖZYİĞİT İ. İ., Filiz İ., Comparative analysis of micronutrient transporter proteins in some monocot and dicot plant species by using bioinformatics tools, Doctorate, R.Vatansever(Student), 2016

Özyiğit İ. İ., Gürkök T., Transcriptome analysis of morphine biosynthesis in Opium poppy (*Papaver somniferum* L.), Doctorate, K.YÜCEBİLGİLİ(Student), 2016

Altundağ E., Özyiğit İ. İ., *Bryophyllum daigremontianum* (Raym.-hamet & perrier) A.berger türünde alüminyum stresine bağlı değişiklerin fizyolojik yöntemler ve moleküler işaretleyiciler (Rapid ve ISSR) ile araştırılması, Postgraduate, A.KAVAL(Student), 2016

ÖZYİĞİT İ. İ., Doğan İ., Ülkemizde geliştirilen tescilli nohut (*cicer arietinum* L.) çeşitlerinde *ascochyta* yanıklığına karşı direncin moleküler belirteçler (stms, rapid, issr) ile araştırılması, Postgraduate, F.Tabanlı(Student), 2016

ÖZYİĞİT İ. İ., Arabidopsis *Thaliana*'dan izole edilen atbör4 geninin *agrobacterium tumefaciens* aracılığı ile ayçiçeği (*Helianthus Annuus* L.)'ne aktarılması, Postgraduate, S.Karadeniz(Student), 2016

ÖZYİĞİT İ. İ., Filiz İ., Düzce ili Şehir ekosisteminde dağılım gösteren ıhlamur ağaçlarında (*tilia tomentosa* moench.) genetik çeşitliliğin rapid işaretleyicileriyle araştırılması, Postgraduate, S.Birbilener(Student), 2015

Özyiğit İ. İ., Top Akasya (*Robinia pseudoacacia* var. *umbraculifera* D.C.) Bitkisinin İstanbul'da Trafik Kökenli Ağır Metal Kirliliğinin Belirlenmesinde Bir Biyomonitör Organizma Olarak Kullanılması, Postgraduate, O.ZORLUER(Student), 2014

Özyiğit İ. İ., Filiz E., Farklı Konsantrasyonlarda Uygulanan Kurşun Elementinin Yulaf (*Avena sativa* L.) Bitkisinde Genotoksik ve Mineral Beslenme Üzerine Etkileri, Postgraduate, Z.Uzunova(Student), 2014

Özyiğit İ. İ., Yalçın B., Ülkemizde yaygın olarak kullanılan bazı tıbbi bitkilerin yapraklarında ağır metal ve mineral besin element içeriklerinin tayini, Postgraduate, Ş.Turan(Student), 2014

Özyiğit İ. İ., Ceulemans R., Kısa rotasyonlu bitkilerle ağaçlandırma ile farklı kavak (*Populus* sp.) genotiplerinden toprak-üstü odunsu biyokütle üretimi, Postgraduate, K.SÖNMEZOĞLU(Student), 2014

Özyiğit İ. İ., Dogan I., Çavdar (*Secale cereale* L.) bitkisinde kurşun (Pb) elementinin genotoksik ve fizyolojik etkileri, Postgraduate, S.İĞDELİOĞLU(Student), 2014

ÖZYİĞİT İ. İ., Ülkemizde geleneksel tedavilerde yaygın olarak kullanılan bazı tıbbi bitkilerin kök ve çiçeklerinde ağır metal ve mineral besin element tayini, Postgraduate, C.Çolak(Student), 2014

ÖZYİĞİT İ. İ., *Bryophyllum daigremontianum* Raym.-Hamet and H. Perrier bitkisinde kadmiyum stresinin fizyolojik, genotoksik ve mineral beslenme üzerine etkileri, Postgraduate, S.Yılmaz(Student), 2013

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

- I. **Genetic diversity and phylogenetic analyses of Turkish sweet corn (*Zea mays* var. *saccharata*) varieties using ISSR markers and chloroplast trnL-F IGS region**  
Filiz E., Uras M. E., Öztürk N., Güngör H., Özyiğit İ. İ.  
NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, vol.52, no.2, pp.1-14, 2024 (SCI-Expanded)
- II. **Genome-wide identification, phylogenetic classification of histone acetyltransferase genes, and their expression analysis in sugar beet (*Beta vulgaris* L.) under salt stress**  
Yolcu S., Skorupa M., Uras M. E., Mazur J., ÖZYİĞİT İ. İ.  
Planta, vol.259, no.4, 2024 (SCI-Expanded)
- III. **Modeling the effects of essential heavy metals on environmental pollution: A linear and nonlinear prediction model via cascade forward-neural network**  
YOLCU U., Yalcin I. E., Uras M. E., ÖZYİĞİT İ. İ.  
Mathematical Methods in the Applied Sciences, vol.47, no.6, pp.4306-4318, 2024 (SCI-Expanded)

- IV. **Fruit mineral nutrient contents of field and greenhouse grown tomatoes and comparison with standard values**  
ÖZYİĞİT İ. İ., CAN H., UYANIK O. L., YALCIN I. E., DEMİR G.  
Notulae Botanicae Horti Agrobotanici Cluj-Napoca, vol.52, no.1, 2024 (SCI-Expanded)
- V. **Investigation of resistance using STMS markers against Ascochyta blight in the chickpea varieties**  
ÖZYİĞİT İ. İ., DOĞAN I., TABANLI F., MART D., YORGANCILAR O., TURKERI M., ATMACA E., YORGANCILAR A.  
Notulae Botanicae Horti Agrobotanici Cluj-Napoca, vol.52, no.1, 2024 (SCI-Expanded)
- VI. **Exploration of the improving effect of Cd-doping on structural, photocatalytic, and biological properties of ZnO nanoparticles**  
Yalcin B., Arda L., Yalcin I., ŞENTÜRK K., Alphan M., Akcan D., ÖZYİĞİT İ. İ.  
Journal of Nanoparticle Research, vol.25, no.7, 2023 (SCI-Expanded)
- VII. **Forecasting contamination in an ecosystem based on a network model**  
Sarı M., Yalcin I. E., TANER M., Cosgun T., ÖZYİĞİT İ. İ.  
Environmental monitoring and assessment, vol.195, no.5, pp.536, 2023 (SCI-Expanded)
- VIII. **STMS markers related to Ascochyta blight resistance in chickpea**  
Dogan I., ÖZYİĞİT İ. İ., GENÇ M., Tabanlı F., Mart D., Yorgancilar O., Turkeri M., Atmaca E., Yorgancilar A.  
INDIAN JOURNAL OF BIOCHEMISTRY & BIOPHYSICS, vol.60, no.3, pp.196-208, 2023 (SCI-Expanded)
- IX. **Production of secondary metabolites using tissue culture-based biotechnological applications**  
ÖZYİĞİT İ. İ., Dogan I., Hocaoglu-Ozyigit A., Yalcin B., ERDOĞAN A., Yalcin I. E., Cabi E., Kaya Y.  
Frontiers in Plant Science, vol.14, 2023 (SCI-Expanded)
- X. **An investigation on environmental pollution due to essential heavy metals: a prediction model through multilayer perceptrons**  
SARI M., Yalcin I. E., Taner M., Cosgun T., ÖZYİĞİT İ. İ.  
INTERNATIONAL JOURNAL OF PHYTOREMEDIATION, vol.25, no.1, pp.89-97, 2023 (SCI-Expanded)
- XI. **Enhancing environmental monitoring: utilizing plant and soil assays to track pollution in a Turkish organized industrial zone**  
ÖZYİĞİT İ. İ., Nallbani B. G., Yalcin I. E., Demir G., Plakıqi-Milaimi A.  
Spectroscopy Letters, vol.56, no.8, pp.452-471, 2023 (SCI-Expanded)
- XII. **Concentrations of plant mineral nutrients and potentially toxic elements in some medicinal plants in the Asteraceae, Fabaceae, and Lamiaceae families from Southern Türkiye: insights into health implications**  
Karahan F., ÖZYİĞİT İ. İ., Yalcin I. E., Hocaoglu-Ozyigit A., Erkencioglu B. N., Ilcim A.  
Spectroscopy Letters, vol.56, no.2, pp.103-128, 2023 (SCI-Expanded)
- XIII. **Multidimensional Scaling of the Mineral Nutrient Status and Health Risk Assessment of Commonly Consumed Fruity Vegetables Marketed in Kyrgyzstan**  
Can H., ÖZYİĞİT İ. İ., Can M., Hocaoglu-Ozyigit A., Yalcin I. E.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.200, no.4, pp.1902-1916, 2022 (SCI-Expanded)
- XIV. **Cotton Agriculture in Turkey and Worldwide Economic Impacts of Turkish Cotton**  
TOKEL D., Dogan I., Hocaoglu-Ozyigit A., ÖZYİĞİT İ. İ.  
JOURNAL OF NATURAL FIBERS, vol.19, no.15, pp.10648-10667, 2022 (SCI-Expanded)
- XV. **Economic Impacts of Bt (Bacillus thuringiensis) Cotton**  
TOKEL D., Genc B. N., ÖZYİĞİT İ. İ.  
JOURNAL OF NATURAL FIBERS, vol.19, no.12, pp.4622-4639, 2022 (SCI-Expanded)
- XVI. **Deciding Heavy Metal Levels in Soil Based on Various Ecological Information through Artificial Intelligence Modeling**  
SARI M., Cosgun T., Yalcin I. E., Taner M., ÖZYİĞİT İ. İ.  
APPLIED ARTIFICIAL INTELLIGENCE, vol.36, 2022 (SCI-Expanded)
- XVII. **Heavy metals and trace elements detected in the leaves of medicinal plants collected in the southeast part of Turkey**  
ÖZYİĞİT İ. İ., KARAHAN F., Yalcin I. E., Hocaoglu-Ozyigit A., İLÇİM A.  
ARABIAN JOURNAL OF GEOSCIENCES, vol.15, no.1, 2022 (SCI-Expanded)

- XVIII. **Genetic Diversity and Phylogenetic Analyses of Turkish Cotton (*Gossypium Hirsutum*L.) Lines Using ISSR Markers and ChloroplasttrnL-FRegions**  
Hocaoglu-Ozyigit A., Ucar B., ALTAY V., ÖZYİĞİT İ. İ.  
JOURNAL OF NATURAL FIBERS, vol.19, no.5, pp.1837-1850, 2022 (SCI-Expanded)
- XIX. **Cotton Biotechnology: An Efficient Gene Transfer Protocol via *Agrobacterium tumefaciens* for a Greater Transgenic Recovery**  
ÖZYİĞİT İ. İ., Dogan I., Kaya Y., Bajrovic K., Gozukirmizi N.  
JOURNAL OF NATURAL FIBERS, vol.19, no.15, pp.11582-11596, 2022 (SCI-Expanded)
- XX. **A case study performed in Kucukcekmece Lagoon channel/Istanbul, Turkey: how the heavy metal contamination and the seasonal variations on phytoplankton composition influence water quality**  
YILMAZ N., ÖZYİĞİT İ. İ., Dogan I., Demir G., Yalcin I. E.  
DESALINATION AND WATER TREATMENT, vol.239, pp.126-136, 2021 (SCI-Expanded)
- XXI. **Assessment on phytoplankton composition and heavy metal pollution in a drinking water resource: Lake Terkos (Istanbul, Turkey)**  
Yilmaz N., ÖZYİĞİT İ. İ., Demir H. H., Yalcin I. E.  
DESALINATION AND WATER TREATMENT, vol.225, pp.265-274, 2021 (SCI-Expanded)
- XXII. **Environment-Based Impairment in Mineral Nutrient Status and Heavy Metal Contents of Commonly Consumed Leafy Vegetables Marketed in Kyrgyzstan: a Case Study for Health Risk Assessment**  
Can H., ÖZYİĞİT İ. İ., Can M., Hocaoglu-Ozyigit A., Yalcin I. E.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.199, no.3, pp.1123-1144, 2021 (SCI-Expanded)
- XXIII. **Phytoremediation using genetically engineered plants to remove metals: a review**  
ÖZYİĞİT İ. İ., Can H., Dogan I.  
ENVIRONMENTAL CHEMISTRY LETTERS, vol.19, no.1, pp.669-698, 2021 (SCI-Expanded)
- XXIV. **Assessment of pollution at the former uranium waste dumpsite near kaji-Say Village/Kyrgyzstan: a genetic and physiological investigation**  
Dogan I., Ozyigit I. I., Kidiraliyeva B., Cekirov K., Kurmanbekova G., Ucar B., Saykiewa N., Hocaoglu-Ozyigit A., Yalcin I. E., SEVEROĞLU Z., et al.  
JOURNAL OF RADIATION RESEARCH AND APPLIED SCIENCES, vol.14, no.1, pp.280-294, 2021 (SCI-Expanded)
- XXV. **Lemna minor, a hyperaccumulator shows elevated levels of Cd accumulation and genomic template stability in binary application of Cd and Ni: a physiological and genetic approach**  
ÖZYİĞİT İ. İ., ARDA L., Yalcin B., Yalcin I. E., Ucar B., Hocaoglu-Ozyigit A.  
INTERNATIONAL JOURNAL OF PHYTOREMEDIATION, vol.23, pp.1255-1269, 2021 (SCI-Expanded)
- XXVI. **Morphological variation, genetic diversity and phylogenetic relationships of *Hypericum triquetrifolium* Turra populations from Tunisia**  
Jenfaoui H., Uras M. E., Bahri B. A., ÖZYİĞİT İ. İ., Souissi T.  
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.35, no.1, pp.1505-1519, 2021 (SCI-Expanded)
- XXVII. **MINERAL NUTRIENT COMPOSITIONS OF FIELD-GROWN WEED AND MAIZE (*Zea mays* L.) PLANTS IN TERMS OF COMPETITION**  
ÖZYİĞİT İ. İ., Dogan I., Karadeniz S., SEVEROĞLU Z., Demir G., Yalcin I. E., YARCI C.  
PAKISTAN JOURNAL OF AGRICULTURAL SCIENCES, vol.58, no.1, pp.115-123, 2021 (SCI-Expanded)
- XXVIII. **Particle bombardment technology and its applications in plants**  
ÖZYİĞİT İ. İ., Yucebilgili Kurtoglu K.  
MOLECULAR BIOLOGY REPORTS, vol.47, no.12, pp.9831-9847, 2020 (SCI-Expanded)
- XXIX. ***Agrobacterium*-mediated transformation of Turkish upland rice (*Oryza sativa* L.) for Dalapon herbicide tolerance**  
Kaya Y., Aksoy H. M., Edbeib M. F., Wahab R. A., ÖZYİĞİT İ. İ., Hamid A. A. A., Huyop F., Mohammed S., Aslan A.  
Indian Journal of Biotechnology, vol.19, no.4, pp.237-243, 2020 (SCI-Expanded)
- XXX. **Heavy Metal Levels and Mineral Nutrient Status in Different Parts of Various Medicinal Plants Collected from Eastern Mediterranean Region of Turkey**  
Karahan F., ÖZYİĞİT İ. İ., Saracoglu I. A., Yalcin I. E., Hocaoglu-Ozyigit A., Ilcim A.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.197, no.1, pp.316-329, 2020 (SCI-Expanded)

- XXXI. **Gene transfer to plants by electroporation: methods and applications**  
ÖZYİĞİT İ. İ.  
MOLECULAR BIOLOGY REPORTS, vol.47, no.4, pp.3195-3210, 2020 (SCI-Expanded)
- XXXII. **Exploration of two major boron transport genes BOR1 and NIP5;1 in the genomes of different plants**  
ÖZYİĞİT İ. İ., FİLİZ E., Saracoglu I. A., Karadeniz S.  
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.34, no.1, pp.455-468, 2020 (SCI-Expanded)
- XXXIII. **Using the Turkish Red Pine Tree to Monitor Heavy Metal Pollution**  
Yalcin E., ÖZYİĞİT İ. İ., DOĞAN İ., Demir G., YARCI C.  
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.29, no.5, pp.3881-3889, 2020 (SCI-Expanded)
- XXXIV. **INVESTIGATION OF POWDERY MILDEW DISEASE IN VARIOUS OAK (QUERCUS) TREES; A CASE STUDY FROM ISTANBUL/TURKEY**  
Ozturk A., ÖZYİĞİT İ. İ., Sumer S.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.29, no.7, pp.5029-5037, 2020 (SCI-Expanded)
- XXXV. **DETERMINING ELEMENT ACCUMULATIONS IN TURKISH RED PINE USED AS A BIOINDICATOR FOR ESTIMATING OF EXISTING POLLUTION ON BOTH SIDES OF BOSPHORUS IN ISTANBUL**  
Yalcin I. E., ÖZYİĞİT İ. İ., DOĞAN İ., Demir G., YARCI C.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.29, no.7, pp.4963-4972, 2020 (SCI-Expanded)
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## Supported Projects

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Özyiğit İ. İ., Project Supported by Higher Education Institutions, Bazı su bitkilerinde kurşun genotoksitesinin moleküler belirteçler ile belirlenmesi ve bu bitkilerin kurşun ile kirlenmiş suların fitoremediasyonunda kullanılabilirliklerinin araştırılması, 2022 - 2024

Özyiğit İ. İ., Universities of Other Countries Supported Project, Kırgızistan'da geleneksel tedavilerde yaygın olarak kullanılan bazı tıbbi bitkilerin ağır metal ve mineral besin element seviyelerinin araştırılması, 2020 - 2022

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## Metrics

Publication: 368

Citation (WoS): 1638

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## Awards

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