

# Prof. İBRAHİM İLKER ÖZYİĞİT

## Personal Information

**Email:** ilkozyigit@marmara.edu.tr

**Web:** <https://www.ilkozyigit.com>

## International Researcher IDs

ScholarID: FhXFyeoAAAAJ

ORCID: 0000-0002-0825-5951

ScopusID: 6506190774

Yoksis Researcher ID: 58397

## Education Information

Undergraduate, Istanbul University, Open And Distance Education Faculty, Philosophy, Turkey 2024 - Continues

Associate Degree, Anadolu University, Açıköğretim Fakültesi, Aşçılık, Turkey 2024 - Continues

Postgraduate, Marmara University, Institute Of Social Sciences, Department Of Geography, Turkey 2023 - Continues

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

Deputy Director of the Center, Marmara University, 2024 - Continues

Faculty Board Member, Marmara University, Faculty Of Sciences, 2022 - Continues  
Head of Department, Marmara University, Faculty Of Sciences, Department Of Biology, 2022 - Continues  
Vice Dean, Marmara University, Faculty Of Sciences, 2022 - Continues  
Faculty Management Board Member, Kırgızistan-Türkiye Manas Üniversitesi, Fen Fakültesi, 2017 - 2022  
Director of the Center, Kırgızistan-Türkiye Manas Üniversitesi, Biyoteknoloji-Biyçeşitlilik Araştırma ve Uygulama Merkezi, 2017 - 2020  
Faculty Board Member, Kırgızistan-Türkiye Manas Üniversitesi, Fen Fakültesi, 2017 - 2019

## Advising Theses

Özyiğit İ. İ., Bazı Tatlısu Bitkilerinde Nikel Elementinin Genotoksik Etkilerinin Belirlenmesi ve Bu Bitkilerin Nikel Fitoremediasyonunda Kullanılabilirliklerinin Araştırılması, Doctorate, B.Nazlı(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  
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  
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  
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  
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  
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  
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  
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., Filiz E., İstanbul'da dağılım gösteren *Crocus flavus* subsp. *flavus* populasyonlarının genetik çeşitlilik ve filogenetik ilişkilerinin araştırılması, Postgraduate, T.YILDIRIM(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

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

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

ÖZYİĞİT İ. İ., *Arabidopsis Thaliana*'dan izole edilen atbor4 geninin *agrobacterium tumefaciens* aracılığı ile ayçiçeği (*Helianthus Annuus* l.)'ne aktarılması, Postgraduate, S.Karadeniz(Student), 2016

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

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

ÖZYİĞİT İ. İ., Filiz İ., Düzce ili Şehir ekosisteminde dağılım gösteren ıhlamur ağaçlarında (*tilia tomentosa* moench.) genetik çeşitliliğin rapd 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., Dogan I., Çavdar (*Secale cereale* L.) bitkisinde kurşun (Pb) elementinin genotoksik ve fizyolojik etkileri, Postgraduate, S.İÇDELİOĞLU(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

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

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

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. Physiological alterations and genotoxic damage under combined aluminum and cadmium treatments in *Bryophyllum daigremontianum* clones

Yazicioglu H., Hocaoglu-Ozyigit A., Ucar B., Yolcu S., Yalcin I. E., SÜNER S., ÖZYİĞİT İ. İ.  
Molecular biology reports, vol.51, no.1, pp.1019, 2024 (SCI-Expanded)

### II. 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)

- III. **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)
- IV. **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)
- 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. **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)
- VII. **Utilizing a medicinal plant and soil assays for heavy metal pollution assessment and its impacts in a Turkish Industrial Zone**  
Gjergjizi Nallbani B., Yalcin I. E., Karadeniz S., Hocaoglu-Ozyigit A., Demir G., ÖZYİĞİT İ. İ.  
Spectroscopy Letters, 2024 (SCI-Expanded)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **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)
- XII. **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., Plakiqi-Milaimi A.  
Spectroscopy Letters, vol.56, no.8, pp.452-471, 2023 (SCI-Expanded)
- XIII. **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)
- XIV. **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)
- XV. **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)

- XVI. **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)
- XVII. **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)
- XVIII. **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)
- XIX. **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)
- XX. **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)
- XXI. **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)
- XXII. **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)
- XXIII. **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)
- XXIV. **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)
- XXV. **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)
- XXVI. **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)
- XXVII. **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)
- XXVIII. **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)
- XXIX. **Morphological variation, genetic diversity and phylogenetic relationships of *Hypericum***

**triquetrefolium 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)

- XXX. **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)
- XXXI. **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)
- XXXII. **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)
- XXXIII. **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)
- XXXIV. **DETERMINATION OF NUT PROPERTIES AND CHEMICAL COMPOSITIONS OF WALNUT (*JUGLANS REGIA* L.) GENOTYPES GROWN IN WALNUT-FRUIT FORESTS OF KYRGYZSTAN**  
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- XVI. **Human Health Risk Assessment for Heavy Metal and Trace Element Accumulations Found in Medicinal Plant Flowers that are used Commonly in Southern Turkey as Remedies**  
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- XIX. **İstanbul'un farklı habitatlarından toplanan *Borago officinalis* L. bitkilerine ait populasyonların besin elementleri ve ağır metal seviyelerinin araştırılması**  
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- XXII. **Yapay Ortamlarda Ağır Metal (Cd, Ni, Pb, Zn) Kirliliğine Maruz Bırakılan *Anubias barteri* var. *barteri* Schott Bitkilerinde Besin Elementleri ve Ağır Metal Seviyelerinin Araştırılması, Investigation of Mineral Nutrient and Heavy Metal Levels of *Anubias barteri* var. *barteri* Schott Exposed to Heavy Metal (Cd, Ni, Pb, Zn) Pollution in Artificial Environments**  
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- XXIV. **Investigation of Heavy Metal Concentrations in Starfish (*Astropecten spinulosus*) Populations and their Habitats from the Sea of Marmara, Marmara Denizi'ndeki Denizyıldızı (*Astropecten spinulosus*) Populasyonları ve Habitatlarında Ağır Metal Miktarlarının Araştırılması**  
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Tetik C., ÖZYİĞİT İ. İ., SEVEROĞLU Z., Lokumcu G., Karahan N. K., Uçar B., YALÇIN B.  
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Uluslararası Marmara Fen ve Sosyal Bilimler Kongresi, IMASCON, Kocaeli, Turkey, 26 - 28 April 2019, pp.1-2
- XXVIII. **Arundo donax as a Biomonitoring Tool for Determination of Heavy Metal Pollution in Bishkek-Kyrgyzstan**  
Abdikaimova T., DOĞAN İ., Cekirov K., ÖZYİĞİT İ. İ., Hocaoğlu Özyiğit A., SEVEROĞLU Z., Yalçın İ. E.  
II. International Eurasian Agriculture and Natural Sciences Congress, Baku, Azerbaijan, 11 - 15 September 2018
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Abdikaimova T., DOĞAN İ., Cekirov K., ÖZYİĞİT İ. İ., Uçar B., Hocaoğlu Özyiğit A., SEVEROĞLU Z., Yalçın İ. E.  
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DOĞAN İ., ÖZYİĞİT İ. İ., Cekirov K., Varol T., OSMA E., Saykiewa Y., Kidiraliyeva B., SOLAK A. O., Kurmanbekova G.  
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II. International Eurasian Agriculture and Natural Sciences Congress, Baku, Azerbaijan, 11 - 15 September 2018
- XXXII. **Heavy Metal and Mineral Nutrient Status of Widely used Medicinal Plants' Seeds Marketed in Turkey Investigating the Health and Safety**  
ÖZYİĞİT İ. İ., Yıldırım O., Hocaoğlu Özyiğit A., YALÇIN B.  
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Investigating the Health and Safety, II. International Eurasian Agriculture and Natural Sciences Congress, Baku, Azerbaijan, 11 - 15 September 2018, pp.1-2
- XXXV. **Assessment of Radiation Induced Genotoxic Damage in Perovskia abrotanoides Kar. Grown in the Area of Former Mine Tailings Located near Kaji-Sai Village in Kyrgyzstan using ISSR-PCR Analysis**  
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International Ecology 2018 Symposium, 19 - 23 June 2018
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DOĞAN İ., Kidiraliyeva B., ÖZYİĞİT İ. İ., chekirov k., Saykiyeva N., Varol T., OSMA E., SEVEROĞLU Z., SOLAK A. O., KURMANBEKOVA G.



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- XLII. **Investigation of Phylogenetic Relationship in Some *Trifolium* Species from Istanbul/Turkey by Using cpDNA Regions**  
Özyiğit İ. İ., Bozkurt M., Cekic B., Ayhan S., Ucar B., Yalcin I., Keskin M., Uras M.  
International Symposium Ecology, Kastamonu, Turkey, 19 - 23 June 2018, pp.1-2
- XLIII. **Molecular Fingerprinting of Some *Isoetes* members using ITS and trnL-trnF sequences; a case study from Istanbul/Turkey**  
Özyiğit İ. İ., Altın E., Oktar N., Metin H., Ucar B., Yalcin I., Uras M.  
International Symposium Ecology, Kastamonu, Turkey, 19 - 23 June 2018, pp.1-2
- XLIV. **Aluminum Stress Induced Physiological and Genotoxic Alterations in *Bryophyllum daigremontianum* Raym.-Hamet & H. Perrier**  
Özyiğit İ. İ., Cakir E., Kaval A., Vardar F.  
International Symposium Ecology, Kastamonu, Turkey, 19 - 23 June 2018, pp.1-2
- XLV. **Biomonitoring of heavy metal status in Bishkek-Kyrgyzstan using *Salix fragilis***  
Özyiğit İ. İ., Abdikaimova T., Dogan I., Cekirov K., Severoğlu Z., Hocaoglu Ozyigit A., Lokumcu G., Tetik C., Yalcin I.  
International Symposium Ecology, Kastamonu, Turkey, 19 - 23 June 2018, pp.1-2
- XLVI. **Genetic Diversity and Phylogenetic Analyses of Turkish rice (*Oryza sativa*) Varieties by Using Chloroplast trnL-F Region and ISSR Markers**  
Uras M. E., FİLİZ E., ÖZYİĞİT İ. İ., Şen U., GÜNGÖR H.  
International Eurasian Conference on Biological and Chemical Sciences, 26 - 27 April 2018
- XLVII. ***Clostridium difficile* Enfeksiyonlarına Karşı Yenilebilir Aşı Adayı Olarak slpA Geninin *Agrobacterium tumefaciens*'e Klonlanması**  
Özyiğit İ. İ., Caglayan N., Kocagoz T.  
13. ANTIMİKROBİK KEMOTERAPİ GÜNLERİ, İstanbul, Turkey, 6 - 08 April 2018, pp.1-2
- XLVIII. **Assessment of Mineral Nutrient and Heavy Metal Concentrations in *Brissus unicolor* and *Spatangus purpureus* from The Sea of Marmara in 2016 Summer Period**  
ATASOY E. G., ÖZYİĞİT İ. İ., YALÇIN B., Hocaoğlu A., Karahan N. K., Tabanlı F., Tatlıdil A.  
The Eurasian Agriculture and Natural Science Congress, Kyrgyzstan, 20 - 23 September 2017
- XLIX. **Assesment of Mineral Nutrient and Heavy Metal Concentrations in *Macropipus depurator* Shells and Muscle Tissues Collected from The Sea of Marmara in 2016 Summer Season**  
Hocaoğlu A., ÖZYİĞİT İ. İ., YALÇIN B., ATASOY E. G., Karahan N. K., Tetik C., Tatlıdil A.  
The Eurasian Agriculture and Natural Science Congress, 20 - 23 September 2017
- L. **Determination of Mineral Nutrient and Heavy Metal Accumulations in *Parapenaeus longirostris* Samples Collected from The Sea of Marmara (Turkey) in 2016 Summer Period**  
Hocaoğlu A., ÖZYİĞİT İ. İ., YALÇIN B., ATASOY E. G., Uçar B., Lokumcu G., Durmuş T.  
The Eurasian Agriculture and Natural Science Congress, Kyrgyzstan, 20 - 23 September 2017
- LI. **Heavy Metal and Mineral Nutrient Status of Some *Serranus hepatus* Tissues (Muscle, Gill and Liver) from The Sea of Marmara in 2016 Summer Period**  
ATASOY E. G., ÖZYİĞİT İ. İ., YALÇIN B., Hocaoğlu A., Uçar B., Balci E., Durmuş T.  
The Eurasian Agriculture and Natural Science Congress, Kyrgyzstan, 20 - 23 September 2017
- LII. **Investigation of Heavy Metal Level and Mineral Nutrient Status of Kyrgyzstan Natural Walnut Populations: Plant and Soil Interactions**  
ÖZYİĞİT İ. İ., Uras M. E., Yalçın İ. E., SEVEROĞLU Z., DEMİR G., BORKOYEV B., Sahyeva K., YÜCEL S., ERTÜRK Ü., SOLAK A. O.  
The Eurasian Agriculture and Natural Sciences Congress, Kyrgyzstan, 20 - 23 September 2017, vol.1
- LIII. **Evaluation of Phylogenetic Relationships of Turkish Sweet Corn (*Zea mays* var. *saccharata* Sturt.) Varieties by Using trnL-F Sequences**

ÖZYİĞİT İ. İ., FİLİZ E., Uras M. E., Öztürk N., YILMAZ A.

The Eurasian Agriculture and Natural Sciences Congress, Kyrgyzstan, 20 - 23 September 2017

- LIII. **Floristic and Ecological Characteristics of Biotopes in Bayrampasa District (Istanbul), Turkey**  
Şen A., Şen U., ÖZYİĞİT İ. İ., YARCI C.  
The Eurasian Agriculture and Natural Sciences Congress, Kyrgyzstan, 20 - 23 September 2017
- LIV. **The Effects of Cadmium on Mineral Nutrient Uptake and Accumulation of Aquatic Plant *Alternanthera reineckii* Griseb.**  
YILMAZ A., ÖZYİĞİT İ. İ., Aygün G., Yıldırım O., Uçar B., Balcı E., Tabanlı F.  
The Eurasian Agriculture and Natural Sciences Congress, Kyrgyzstan, 20 - 23 September 2017
- LV. **The Effects of Some Heavy Metals Mixture (Cd, Cu, Ni and Pb) on Physiology and Genotoxicity of Aquatic Plant *Myriophyllum spicatum* L.**  
Tabanlı F., ÖZYİĞİT İ. İ., Uçar B., Balcı E., Uras M. E.  
The Eurasian Agriculture and Natural Sciences Congress, Kyrgyzstan, 20 - 23 September 2017
- LVI. **Investigation of Accumulation Capacity and Consequential Mineral Nutrient Status of Heavy Metal (CdCl<sub>2</sub>) Treated *Ludwigia glandulosa* Walter in Aquatic Tanks**  
ÖZYİĞİT İ. İ., Uras M. E., Şen U., Gökçe Z., Hocaoglu A., Aygün G.  
The Eurasian Agriculture and Natural Sciences Congress, Kyrgyzstan, 20 September 2017
- LVII. **Investigation of Ascochyta Blight Resistance in Inbred Chickpea (*Cicer arietinum* L.) Lines of Turkey by Using Molecular Markers (STMS, RAPD and ISSR)**  
Tabanlı F., ÖZYİĞİT İ. İ., DOĞAN İ., Genç M. E., Mart D., Can C., Yorgancılar Ö., Atmaca E., Yorgancılar A.  
The Eurasian Agriculture and Natural Sciences Congress, Kyrgyzstan, 20 - 23 September 2017
- LVIII. **Assessment of Genetic Diversity and Phylogenetic Relationships in Some Poppy (*Papaver somniferum* L.) Varieties Cultivated in Turkey**  
Şen U., FİLİZ E., ÖZYİĞİT İ. İ., Uras M. E.  
The Eurasian Agriculture and Natural Sciences Congress, Kyrgyzstan, 20 - 23 September 2017
- LIX. **Assessment of Genetic Diversity and Phylogenetic Analyses of *Robinia pseudoacacia* L. Collected from Urban Ecosystem**  
Uras M. E., FİLİZ E., ÖZYİĞİT İ. İ., Şen U.  
XIII. Congress of Ecology and Environment with international participation, 12 - 15 September 2017
- LX. **Investigation of Chemotaxonomic Relationships in Some Opium Poppy (*Papaver somniferum* L.) Cultivars in Turkey**  
Şen U., FİLİZ E., ÖZYİĞİT İ. İ., Uras M. E.  
Congress of Ecology and Environment with international participation, 12 - 15 September 2017
- LXI. **Fatty Acid Composition of Some Walnut (*Juglans regia* L.) Genotypes from Kyrgyzstan**  
Yücel S., Ertürk Ü., Ka S., Özyiğit İ. İ., Solak A. O.  
The Eurasian Agriculture and Natural Sciences Congress, Bishkek, Kyrgyzstan, 20 - 23 September 2017
- LXII. **Genome-Wide and Comparative Analyses of Sulfite Oxidase (SOX) Genes in Plants: Bioinformatics Approaches**  
Uras M. E., FİLİZ E., Şen U., ÖZYİĞİT İ. İ.  
5th International Congress of the Molecular Biology Association of Turkey, 8 - 10 September 2017
- LXIII. **Expression Profiles of Acetic Acid and/or Drought Induced Genes in Sulphur Assimilation Pathway in *Arabidopsis thaliana* Microarray Data Analyses**  
Şen U., FİLİZ E., Uras M. E., ÖZYİĞİT İ. İ.  
5th International Congress of the Molecular Biology Association of Turkey, 8 - 10 September 2017
- LXIV. **Expression Profiles of Acetic Acid and/or Drought Induced Genes in Sulphur Assimilation Pathway in *Arabidopsis thaliana*; Microarray Data Analyses**  
Özyiğit İ. İ., Şen U., Filiz E., Uras M.  
5th International Congress of the Molecular Biology Association of Turkey, İstanbul, Turkey, 8 - 10 September 2017, pp.1-2
- LXV. **Evaluation of Heavy Metal Accumulation Capacity and Mineral Nutrient Status of Aquatic Plant *Vallisneria spiralis* L. in Artificially Contaminated Media**

- Özyiğit İ. İ., Sen U., Uras M., Yalcin I., Yilmaz E.  
The XIX International Botanical Congress (IBC), Shenzhen, China, 23 - 29 July 2017, pp.1-2
- LXVI. **Determination of Heavy Metal and Mineral Elements in Flowers of Some Medicinal Plants Widely used in Turkey**  
Özyiğit İ. İ., Colak C., Karadeniz S., Yalcin I.  
The XIX International Botanical Congress (IBC), Shenzhen, China, 23 - 29 July 2017, pp.1-2
- LXVII. **Effects of some Heavy Metal Mixture on Mineral Nutrient Status of an Aquatic Plant *Tonina* sp. Belem**  
Özyiğit İ. İ., Uras M., Sen U., Vatansver R., Gerez G., Yalcin I.  
The XIX International Botanical Congress (IBC), Shenzhen, China, 23 - 29 July 2017, pp.1-2
- LXVIII. **In Silico Comparative Analyses of Phytochelatin Synthase (PCS) Genes in Selected Plants: Employing Bioinformatics Approaches**  
Özyiğit İ. İ., Filiz E., Vatansver R.  
The XIX International Botanical Congress (IBC), Shenzhen, China, 23 - 29 July 2017, pp.1-2
- LXIX. **Two new rare *Physarum* (Mycetozoa) records from Hatay Turkey**  
Baba H., Özyiğit İ. İ.  
1ST INTERNATIONAL EURASIA MYCOLOGY CONGRESS, Manisa, Turkey, 3 - 05 July 2017
- LXX. **Some Autecological Characteristics of *Crocus flavus* subsp. *flavus* from Istanbul-Turkey: Plant-Soil Interactions**  
Özyiğit İ. İ., Yildirim T., Hocaoglu A.  
Researchfora International Conference, Paris, France, 14 June 2017, pp.1-2
- LXXI. **Evaluation of Heavy Metal Accumulation Capacity of *Myriophyllum spicatum* L. in Artificially Contaminated Tanks**  
Uras M. E., ÖZYİĞİT İ. İ., Öztürk A., Şen U., Yalçın İ. E.  
Ecology 2017, International Symposium, Kayseri, Turkey, 11 - 13 May 2017
- LXXII. **Investigation of Mineral Element and Heavy Metal Concentrations in Jellyfish (*Aurelia aurita* L.) Samples from Marmara Sea: Monitoring Sea Pollution Levels Using a Widely Distributed Organism in 2016 Summer Period**  
ATASOY E. G., ÖZYİĞİT İ. İ., YALÇIN B., Hocaoglu A., Durmuş T.  
Ecology 2017, International Symposium, Kayseri, Turkey, 11 - 13 May 2017
- LXXIII. ***Zostera marina* Problem in the Northern Coasts of the Sea of Marmara: An Alternative Way for Solution**  
ÖZYİĞİT İ. İ., YALÇIN B., Hocaoglu A., Yilmaz U. E., Tatlıdil A.  
Ecology 2017, International Symposium, Kayseri, Turkey, 11 - 13 May 2017
- LXXIV. **Screening of Genotoxic Damage in Cadmium Induced *Alternanthera reineckii* Griseb**  
Özyiğit İ. İ., Tabanlı F., Ucar B., Balci E.  
Ecology 2017, International Symposium, Kayseri, Turkey, 11 - 13 May 2017, pp.1-2
- LXXV. **Assessment of Cd Induced Genotoxic Damage in *Ludwigia glandulosa* Walter Using RAPD Analysis**  
Özyiğit İ. İ., Tabanlı F., Gokce Z., Cilgin K., Aygun G.  
Ecology 2017, International Symposium, Kayseri, Turkey, 11 - 13 May 2017, pp.1-2
- LXXVI. **Physiological and Molecular Changes in Heavy Metals (Cd, Cu, Ni and Pb) Induced *Vallisneria nana* R.Br.**  
Özyiğit İ. İ., Sen U., Filiz E., Tabanlı F.  
Ecology 2017, International Symposium, Kayseri, Turkey, 11 - 13 May 2017, pp.1-2
- LXXVII. **Screening of Damage Induced by some Heavy Metals (Cd, Cu, Ni and Pb) in *Bacopa monnieri* (L.) Pennell: A Genetic and Physiological Approach**  
Özyiğit İ. İ., Tabanlı F., Uras M., Balci E., Ucar B., Atalay A.  
Ecology 2017, International Symposium, Kayseri, Turkey, 11 - 13 May 2017, pp.1-2
- LXXVIII. **Investigation of Physiological and Molecular Changes in Heavy Metal-Induced *Vallisneria nana* Plants**  
Şen U., ÖZYİĞİT İ. İ., FİLİZ E., Tabanlı F.  
ECOLOGY 2017, 11 - 13 May 2017
- LXXIX. **Genome-wide Identification and Expression Profile Analysis of Major Boron Transporter (BOR1)**

**and Boric Acid Channel (NIP5;1) Genes in Potato (*Solanum tuberosum*) under Various Stress Conditions: Bioinformatics Approaches**

FİLİZ E., Vatansever R., ÖZYİĞİT İ. İ.

International Symposium on Boron in Agriculture, Ankara, Turkey, 16 - 18 November 2016

- LXXX. **Tolerance Evaluation of Registered Chickpea Varieties Against *Didymella rabiei* in the Cukurova Region of Turkey**  
Mart D., Can C., Özyiğit İ. İ., Turkeri M., Yücel D.  
IV International Ascochyta Workshop, Lisbon, Portugal, 10 - 11 October 2016
- LXXXI. **Correlation of Ascochyta Blight Severity in Chickpea with Pathotypes Mating Type Altitude Nodulation and Weed Density in Turkey**  
Can C., Kafadar F., Özkan A., Turan A., Kuşçalı N., Nalçacı N., Başbuğa S., Polatbilek H., Yaşar A., Bulgak S., et al.  
IV International Ascochyta Workshop, Lisbon, Portugal, 10 - 11 October 2016
- LXXXII. **Nohutta Ascochyta Yanıklığı Etmenin Populasyon Karakterizasyonu ve Moleküler İşaretleyiciler Kullanılarak Bu Etmene Karşı Dayanıklı Genotiplerin Araştırılması**  
Özyiğit İ. İ.  
EXPO-2016 Antalya Organizasyonu, Antalya, Turkey, 9 - 10 October 2016, pp.1-2
- LXXXIII. **Investigation of Heavy Metal (Cd, Cu, Ni and Zn) Accumulation Capacity of an Aquatic Plant *Hygrophila polysperma*, and Determination of Heavy Metal Effects on Plant Photosynthetic Pigments**  
Yılmaz N., Özyiğit İ. İ., Uras M. E., Yalçın İ. E.  
3rd International Conference "Water Resources and Wetlands", Tulcea, Romania, 8 - 10 September 2016
- LXXXIV. **A Preliminary Study on the Phytoplankton Density, Some Nutrients and Heavy Metals in Elmalı Dam Lake (Istanbul, Turkey)**  
Yılmaz N., Özyiğit İ. İ., Dumitrache A., Demir G., Yalçın İ. E.  
3rd International Conference "Water Resources and Wetlands", Tulcea, Romania, 8 - 10 September 2016
- LXXXV. **Farklı Konsantrasyonlarda AlCl<sub>3</sub> Uygulanmış Gözyaşı Bitkisi (*Bryophyllum daigremontianum* Raym.-Hamet & H. Perrier) Klonlarında Mineral Beslenme Durumunun Araştırılması**  
Kaval A., ALTUNDAĞ ÇAKIR E., ÖZYİĞİT İ. İ., VARDAR F., Yalçın İ. E., Atalay A. N., Çilgin K.  
23. Ulusal Biyoloji Kongresi, Turkey, 5 - 09 September 2016
- LXXXVI. **Kaz Dağı Dar Endemiklerinden Olan *Armeria trojana* Bokhari & Quesel, *Digitalis trojana* Ivan ve *Sideritis trojana* Bornm'nın Yayılışları Üzerine Toprak Mineral Element Seviyelerinin Etkileri**  
Yılmaz A., Özyiğit İ. İ.  
23. Ulusal Biyoloji Kongresi, Gaziantep, Turkey, 5 - 09 September 2016
- LXXXVII. **A Preliminary Study on the Phytoplankton Density, Some Nutrients and Heavy Metals in Elmalı Dam Lake (Istanbul, Turkey)**  
Özyiğit İ. İ., Yılmaz N., Dumitrache A., Demir G., Yalçın İ.  
3rd International Conference "Water Resources and Wetlands", Tulcea, Romania, 8 - 10 September 2016, pp.1-2
- LXXXVIII. ***Ferulago trachycarpa* BOISS. Bitkisinin Kaz Dağları Örneklerinin Mineral Besin Alım Özellikleri; Bitki-Toprak İlişkileri**  
Özyiğit İ. İ., Kizilirmaklı A., Hocaoglu A., Ozturk A., Severoglu Z., Uras M., Sen U., Yalçın İ.  
23. Ulusal Biyoloji Kongresi, Gaziantep, Turkey, 5 - 09 September 2016, pp.1-2
- LXXXIX. **Investigation of Ascochyta Blight Resistance in Registered Chickpea (*Cicer arietinum* L.) Varieties in Turkey using STMS Molecular Marker**  
Özyiğit İ. İ., Tabanlı F., Mart D., Can C., Yorgancılar O., Dogan I., Yorgancılar A., Atmaca E.  
3. Ulusal Biyoloji Kongresi, Gaziantep, Turkey, 5 - 09 September 2016, pp.1-2
- XC. **Farklı Konsantrasyonlarda AlCl<sub>3</sub> Uygulanmış Gözyaşı Bitkisi (*Bryophyllum daigremontianum*) Klonlarında Mineral Beslenme Durumunun Araştırılması**  
Özyiğit İ. İ., Kaval A., Cakir E., Vardar F., Yalçın İ., Atalay A., Cilgin K.  
23. Ulusal Biyoloji Kongresi, Gaziantep, Turkey, 5 - 09 September 2016, pp.1-2
- XCI. **Kaz Dağı Milli Parkından Toplanan Endemik *Dianthus erinaceus* BOISS. Bitkilerinin Mineral Beslenme Özelliklerinin Araştırılması**  
Özyiğit İ. İ., Omerbeyoglu M., Genc M., Hacıoglu A., Yildirim O., Kaval A., Severoglu Z., Tabanlı F., Atalay N.

23. Ulusal Biyoloji Kongresi, Gaziantep, Turkey, 5 - 09 September 2016, pp.1-2
- XCII. **Endemik Bir Bitki Olan *Astragalus mitchelianus* BOISS.'in Kaz Dağları Populasyonlarının Mineral Besin Dağılım Özellikleri**  
Özyiğit İ. İ., Caglayan N., Ozturk A., Ozturk N., Karadeniz S., Vatanserver R., Yalcin I., Cilgin K., Demir G.  
23. Ulusal Biyoloji Kongresi, Gaziantep, Turkey, 5 - 09 September 2016, pp.1-2
- XCIII. **Kaz Dağı Milli Parkı'ndan Toplanan *Carduus nutans* L. Bitkilerinin Mineral Beslenme Özelliklerinin Belirlenmesi**  
Özyiğit İ. İ., Kaval A., Karadeniz S., Tabanlı F., Vatanserver R., Yalcin I.  
23. Ulusal Biyoloji Kongresi, Gaziantep, Turkey, 5 - 09 September 2016, pp.1-2
- XCIV. **Endemik *Dianthus arpadianus* Ade & Bornm. var. *trojanus* Bornm. & Sint. Bitkisinin Kaz Dağı Milli Parkı Örneklerinin Mineral Beslenme Özelliklerinin İncelenmesi**  
Özyiğit İ. İ., Batmaci B., Hocaoglu A., Ozturk A., Tabanlı F., Keskin M., Karadeniz S., Yilmaz A., Demir G.  
23. Ulusal Biyoloji Kongresi, Gaziantep, Turkey, 5 - 09 September 2016, pp.1-2
- XCV. **Kaz Dağı Milli Parkı'ndan Toplanan Endemik *Paronychia chionaea* Boiss. Bitkilerinin Mineral Beslenme Özellikleri; Bitki Toprak İlişkileri**  
Özyiğit İ. İ., Sen U., Uras M., Yalcin I., Gokce Z., Yilmaz A., Hamzaoglu N.  
23. Ulusal Biyoloji Kongresi, Gaziantep, Turkey, 5 - 09 September 2016, pp.1-2
- XCVI. **Bir Kaz Dağı Endemiği Olan *Centaurea odyssei* Wagenits Bitkisinin Mineral Beslenme Özelliklerinin Belirlenmesi**  
Özyiğit İ. İ., Uras M., Sen U., Gokce Z., Yalcin I.  
23. Ulusal Biyoloji Kongresi, Gaziantep, Turkey, 5 - 09 September 2016, pp.1-2
- XCVII. **Endemik Bir Bitki Olan *Allium kurtzianum* [Ascherson & Sint. ex] Kollmann Bitkisinin Kaz Dağı Milli Parkı Örneklerinin Bazı Ekolojik Özellikleri ve Mineral Beslenme Durumları**  
Özyiğit İ. İ., Hocaoglu A., Ozturk A., Yildirimer O., Karadeniz S., Vatanserver R., Hamzaoglu N., Yalcin I.  
23. Ulusal Biyoloji Kongresi, Gaziantep, Turkey, 5 - 09 September 2016, pp.1-2
- XCVIII. **Genome-wide analysis of Galactinol Synthase (GOLS) Genes in Peach (*Prunus persica* L. Batsch)**  
Özyiğit İ. İ., Ozturk A., Uras M., Vatanserver R., Filiz E., Sen U.  
Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Konya, Turkey, 18 - 21 July 2016, pp.1-2
- XCIX. **Genome-wide Identification of Sulphate Transporter (SULTR) Genes in Potato and Their Functional Analyses using RNA-Seq Perturbation Data**  
Özyiğit İ. İ., Vatanserver R., Koc I., Filiz E., Ozturk A., Sen U., Uras M.  
Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Konya, Turkey, 18 - 21 July 2016, pp.1-2
- C. **Farklı *Agrobacterium rhizogenes* Suşları (A4, R1000 ve R8196) ile Gen Aktarılmış Ayçiçekleri'nin Toprakta Mineral Element Alımlarının İncelenmesi**  
Özyiğit İ. İ., Artam Tarhan E., Ozturk A., Yalcin I., Hocaoglu A., Vatanserver R.  
Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Konya, Turkey, 18 July 2016 - 21 July 2018, pp.1-2
- CI. **Bazı Yerli Ayçiçeği (*Helianthus annuus* L.) Varyetelerine Farklı *Agrobacterium rhizogenes* Suşları (A4, R1000 ve R8196) ile Gen Aktarılması**  
Özyiğit İ. İ., Artam Tarhan E., Ozturk A., Vatanserver R., Hocaoglu A.  
Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Konya, Turkey, 18 - 21 July 2016, pp.1-2
- CII. **Optimization of *Agrobacterium*-mediated Gene Transfer Systems in Turkish Sunflower (*Helianthus annuus* L.) varieties**  
Özyiğit İ. İ., Karadeniz S., Tombuloğlu H., Filiz E.  
19th International Sunflower Conference, Edirne, Turkey, 29 May - 03 June 2016
- CIII. **Evaluation of WRKY and MYB Transcription Factors in some Downy Mildew Infected Sunflower Lines; Microarray Data Analysis**  
Uras M. E., Vatanserver R., Şen U., Özyiğit İ. İ., Filiz E.  
19th International Sunflower Conference, Edirne, Turkey, 29 May - 03 June 2016
- CIV. **Expression Profiles of Drought Induced WRKY Transcription Factors in Some Sunflower Cultivars; Microarray Data Analysis**  
Özyiğit İ. İ., Uras M., Vatanserver R., Sen U., Filiz E.

19th International Sunflower Conference, Edirne, Turkey, 29 May - 03 June 2016, pp.1-2

- CV. **Evaluation of WRKY and MYB Transcription Factors in some Downy Mildew Infected Sunflower Lines; Microarray Data Analysis**  
Özyiğit İ. İ., Filiz E., Vatansever R.  
19th International Sunflower Conference, Edirne, Turkey, 29 May - 03 June 2016, pp.1-2
- CVI. **Genotoxic Effects of Aluminum Oxide Nanoparticles in Triticum aestivum (wheat) Characterized by ISSR Analysis**  
Uras M. E., Yanık F., Vardar F., Özyiğit İ. İ.  
2ND INTERNATIONAL CONGRESS ON APPLIED BIOLOGICAL SCIENCES, Sarajevo, Bosnia And Herzegovina, 27 - 31 May 2016
- CVII. **Ülkemizde Yaygın Olarak Kullanılan Bazı Tıbbi Bitkilerin Ağır Metal ve Mineral Besin Elementi Profilleri**  
Özyiğit İ. İ., Karadeniz S., Yalçın B.  
Doğal 2016 Uluslararası katılımlı Türkiye Doğal Beslenme ve Sağlıklı Yaşam Günleri 2016, Antalya, Turkey, 14 - 17 April 2016
- CVIII. **Determination of Some Heavy Metals and Mineral Nutrients in Silybum marianum (L.) Gaertner, Grown in the Industrial Area of Dilovası-Kocaeli-Turkey**  
Özyiğit İ. İ., Yılmaz A., Karadeniz S., Keskin M., Hocaoglu A., Kaval A., Tabanlı F., Yalçın I., Demir G.  
International Conference on Environment and Natural Science (ICENS), Singapore, Singapore, 02 April 2016, pp.1-2
- CIX. **Utilization of a Well-known Biomonitor Plant Robinia pseudoacacia L. to Evaluate Heavy Metal Pollution Levels in Istanbul/Turkey**  
Özyiğit İ. İ., Uras M. E., Şen U., Yalçın İ. E., Vatansever R., Karadeniz S., Tabanlı F., Filiz E., Demir G.  
International Conference on Environment and Natural Science (ICENS), Singapore, Singapore, 02 April 2016
- CX. **Evaluation of Accumulation Capacity, Mineral Nutrient Status and Photosynthetic Pigment Contents in Aquatic Plant Bacopa monnieri (L.) Pennell in Relation to Heavy Metal Exposures**  
Uras M. E., Özyiğit İ. İ., Şen U., Yalçın İ. E., Tabanlı F., Yılmaz E., Hamzaoglu N., Gökçe Z., Vatansever R., Filiz E., et al.  
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- CXI. **Determination of Some Heavy Metals and Mineral Nutrients in Silybum marianum (L.) Gaertner, Grown in the Industrial Area of Dilovası-Kocaeli-Turkey**  
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International Conference on Environment and Natural Science (ICENS), Singapore, Singapore, 2 - 05 April 2016, pp.22
- CXII. **Assessment of Heavy Metal (Cd, Cu, Ni and Zn) Accumulation in Aquatic Hyperaccumulator Plant Egeria densa Planch. and Their Effects on Photosynthetic Pigment Concentrations**  
Şen U., Özyiğit İ. İ., Uras M. E., Yalçın İ. E., Tabanlı F., Yılmaz A., Vatansever R., Filiz E., Demir G.  
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- CXIII. **Transformation of Arabidopsis BOR4 Gene to Develop B-tolerant Sunflower (Helianthus annuus L.) Cultivars**  
Karadeniz S., Tombuloğlu H., Özyiğit İ. İ.  
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- CXIV. **Agrobacterium-mediated Transformation of Arabidopsis BOR4 Gene to Develop B-tolerant Sunflower (Helianthus annuus L.) Cultivars**  
Özyiğit İ. İ., Karadeniz S., Tombuloglu H.  
IX International Symposium on in vitro Culture and Horticultural Breeding, Cairo, Egypt, 13 - 17 March 2016, pp.1-2
- CXV. **Comparative in silico Analysis of Phosphoglycerate Kinase PGK Genes in Selected Plants**  
YÜCEBİLGİLİ KURTOĞLU K., FİLİZ E., ÖZYİĞİT İ. İ., DOĞAN İ., Vatansever R., Uras M. E.  
XXIV. International Plant & Animal Genome Conference (The Largest Ag-Genomics Meeting in the World), 9 - 13 January 2016
- CXVI. **Comparative Molecular Docking Analysis of Urease with Urea in Glycine max and Medicago**

**truncatula**

Yücebilgili Kurtoğlu K., Filiz E., Özyiğit İ. İ., Vatansever R., Uras M. E.

XXIV. International Plant & Animal Genome Conference (The Largest Ag-Genomics Meeting in the World), California, United States Of America, 9 - 13 January 2016

- CXVII. **Comparative Analysis of Phosphoglycerate Kinase Genes**  
Özyiğit İ. İ., Yucebilgili Kurtoglu K., Filiz E., Dogan I., Vatansever R., Tombuloglu H.  
XXIV. International Plant & Animal Genome Conference (The Largest Ag-Genomics Meeting in the World), California, United States Of America, 9 - 13 January 2016, pp.1-3
- CXVIII. **In vitro Propagation of some Widely Cultivated Sunflower (*Helianthus annuus* L) Varieties in Turkey**  
Özyiğit İ. İ., Karadeniz S., Tombuloglu H., Yalcin I.  
18. Ulusal Biyoteknoloji Kongresi, Konya, Turkey, 18 - 19 December 2015, pp.1-2
- CXIX. **Genome-wide Characterization of Boron Transporter Genes in Plants; Bioinformatics Approach**  
Özyiğit İ. İ., Karadeniz S., Vatansever R., Filiz E., Sen U.  
18. Ulusal Biyoteknoloji Kongresi, Konya, Turkey, 18 - 19 December 2015, pp.1-2
- CXX. **In silico Approach of Identification and Comparative Analysis of Glutathione and Ascorbate Peroxidases in Plants**  
Özyiğit İ. İ., Vatansever R., Filiz E., Yucebilgili Kurtoglu K., Koc I., Ozturk M., Uras M., Tabanlı F.  
18. Ulusal Biyoteknoloji Kongresi, Konya, Turkey, 18 - 19 December 2015, pp.1-2
- CXXI. **In silico Identification and Characterization of Mn Transporters (Nramp1) in Different Plants**  
Özyiğit İ. İ., Vatansever R., Filiz E., Tabanlı F., Hamzaoglu N.  
18. Ulusal Biyoteknoloji Kongresi, Konya, Turkey, 18 - 19 December 2015, pp.1-2
- CXXII. **In silico Comparative Analysis of Squalene Synthase (SQS) Proteins in Pine and Poplar Trees**  
Özyiğit İ. İ., Vatansever R., Filiz E., Hamzaoglu N., Uras M.  
18. Ulusal Biyoteknoloji Kongresi, Konya, Turkey, 18 - 19 December 2015, pp.1-2
- CXXIII. **In silico Identification and Comparative Analysis of Copper Transporter Genes in Plants**  
Özyiğit İ. İ., Filiz E., Vatansever R.  
Green Biotechnology Workshop, Kocaeli, Turkey, 21 - 23 September 2015, pp.1-2
- CXXIV. **Identification and Characterization of Molybdenum Transporter Genes in Plants; Bioinformatics Approaches**  
Özyiğit İ. İ., Vatansever R., Filiz E.  
Green Biotechnology Workshop, Kocaeli, Turkey, 21 - 23 September 2015, pp.1-2
- CXXV. **In silico Characterization of Silicon Influx (Lsi1) Transporter Genes in Plants**  
Özyiğit İ. İ., Vatansever R., Filiz E., Gozukirmizi N.  
Green Biotechnology Workshop, Kocaeli, Turkey, 21 - 23 September 2015, pp.1-2
- CXXVI. **The Assessment of Heavy Metal Risk in Bishkek Using *Fraxinus exelsior* L. as a Biomonitor Organism**  
Demir G., Özyiğit İ. İ., Severoğlu Z., Doğan İ., İbrahim Ertuğrul Y., Kurmanbekova G.  
International VI. Balkan Botanical Congress, Rijeka, Croatia, 14 - 18 September 2015
- CXXVII. **Mineral Nutrient Status of *Cirsium byzantinum* Steud., a Narrow Endemic Species from Istanbul/Turkey**  
Özyiğit İ. İ., Eskin B., Uras M. E., Karadeniz S., Vatansever R., Tabanlı F., Keskin M., Demir G., Yalçın İ. E.  
International VI. Balkan Botanical Congress, Rijeka, Croatia, 14 - 18 September 2015
- CXXVIII. **The Evaluation of Seasonal Variations of some Trace Elements in *Pinus nigra* Arnold and co-located Soils Collected from Different Habitats in Bartın-Turkey**  
Doğan İ., Yaşar Ü., Özyiğit İ. İ., Severoğlu Z., Demir G., İbrahim Ertuğrul Y.  
International VI. Balkan Botanical Congress, Rijeka, Croatia, 14 - 18 September 2015
- CXXIX. **Seasonal Variations of Heavy Metal Accumulation in *Pinus pinaster* Aiton and co-located Soils in the Vicinity of Bartın (Turkey)**  
Yaşar Ü., Özyiğit İ. İ., Doğan İ., Severoğlu Z., Demir G., Küçükönder H., Yalçın İ. E.  
International VI. Balkan Botanical Congress, Rijeka, Croatia, 14 - 18 September 2015
- CXXX. **The Screening of Heavy Pollution in Bishkek, Capital of Kyrgyzstan using Sycamore Maple (*Acer pseudoplatanus* L.) and Co-located Soils**

Severoğlu Z., Özyiğit İ. İ., Doğan İ., Kurmanbekova G., Demir G., İbrahim Ertuğrul Y.

International VI. Balkan Botanical Congress, Rijeka, Croatia, 14 - 18 September 2015

- CXXXI. **Determination of Mineral Nutrient and Heavy Metal Accumulation Status of Colchicum bivonae Guss from Abant Bolu Turkey**  
ÖZYİĞİT İ. İ., Karadeniz S., Tabanlı F., Vatansever R., Uras M. E., Yalçın İ. E., SESAL N. C., DEMİR G.  
International VI. Balkan Botanical Congress, 14 - 18 September 2015
- CXXXII. **Determination of Mineral Nutrient and Heavy Metal Accumulation Status of Colchicum bivonae Guss from Abant/Bolu-Turkey**  
Özyiğit İ. İ., Karadeniz S., Tabanlı F., Vatansever R., Uras M., Yalcin I., Sesal N., Demir G.  
International VI. Balkan Botanical Congress, Rijeka, Croatia, 14 - 18 September 2015, pp.1-3
- CXXXIII. **Determination of Mineral Nutrient and Heavy Metal Accumulation Status of Cochicum bivonae Guss from Abant Turkey**  
Özyiğit İ. İ., Karadeniz S., Tabanlı F., Vatansever R., Uras M. E., Yalçın İ. E., Sesal N. C., Demir G.  
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- CXXXIV. **Mineral Element Distribution of Lycopersicon esculentum Miller Grown in Fields and Greenhouses in Turkey**  
Özyiğit İ. İ., Uyanık O., Develi K., Yalcin I., Demir G.  
14th International Conference on Environmental Science and Technology, Rodos, Greece, 3 - 05 September 2015, pp.1-3
- CXXXV. **Phytoplankton Composition and Heavy Metal Concentrations of Lake Terkos (Istanbul, Turkey) a Drinking Water Resource**, 14th International Conference on Environmental Science and Technology, Rodos, Greece, 3 - 05 September 2015, pp.1-3
- CXXXVI. **Heavy Metal Accumulation and Mineral Nutrient Status of an Aquatic Plant Ceratophyllum demersum L. from Kandıra/Kocaeli-Turkey**  
Özyiğit İ. İ., Yalcin B., Karadeniz S., Tabanlı F., Vatansever R., Uras M., Yalcin I., Demir G.  
Ulusal Botanik Kongresi, Afyonkarahisar, Turkey, 25 - 28 August 2015, pp.1-2
- CXXXVII. **Mineral Nutrient and Heavy Metal Accumulation Status of Sparganium erectum L. from Abant-Bolu, Turkey**  
Özyiğit İ. İ., Vatansever R., Karadeniz S., Tabanlı F., Uras M. E., Yalcin I., Sesal N., Demir G.  
Ulusal Botanik Kongresi, Afyonkarahisar, Turkey, 25 - 28 August 2015, pp.1-2
- CXXXVIII. **Analysis of Some Ecological Features and Heavy Metal Accumulation Status of Crithmum maritimum L. from Kandıra Coast, Kocaeli-Turkey**  
Özyiğit İ. İ., Dogan I., Karadeniz S., Tabanlı F., Uras M., Vatansever R., Yalcin I., Demir G.  
Ulusal Botanik Kongresi, Afyonkarahisar, Turkey, 25 - 28 August 2015, pp.1-2
- CXXXIX. **Investigation of Some Ecological Features and Heavy Metal Distribution in Otanthus maritimus L. from Kandıra/Kocaeli, Turkey**  
Özyiğit İ. İ., Karadeniz S., Tabanlı F., Uras M., Vatansever R., Yalcin I., Sesal N., Demir G.  
Ulusal Botanik Kongresi, Afyonkarahisar, Turkey, 25 - 28 August 2015, pp.1-2
- CXL. **Investigation of Mineral Nutrient and Heavy Metal Concentrations of Lactuca tatarica L. from Kandıra/Kocaeli-Turkey**  
Özyiğit İ. İ., Uras M., Karadeniz S., Tabanlı F., Vatansever R., Yalcin I., Keskin M., Demir G.  
Ulusal Botanik Kongresi, Afyonkarahisar, Turkey, 25 - 28 August 2015, pp.1-2
- CXLI. **Current Status of Chickpea Ascochyta Blight in Turkey**  
Özyiğit İ. İ., Can C., Kafadar F., Ozkan A., Turan A., Kuscali N., Nalcaci N., Basbuga S., Polatbilek H., Yasar A., et al.  
XVIII. International Plant Protection Congress (IPPC), Berlin, Germany, 24 - 27 August 2015, pp.1-3
- CXLII. **Determination of Heavy Metals and Mineral Nutrients in Leaves of Some Widely Used Medicinal Plants in Turkey**  
ÖZYİĞİT İ. İ., YALÇIN B., Turan Ş., Karadeniz S., DEMİR G., Yalçın İ. E.  
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## Industrial Area

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- CXLVI. **Genome Wide Analysis of Thionin Genes in Higher Plants Turkey**  
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XXIII. International Plant & Animal Genome Conference (The Largest Ag-Genomics Meeting in the World), 10 - 14 January 2015
- CXLVII. **Genome-Wide Analysis of Thionin Genes in Higher Plants, Turkey**  
Özyiğit İ. İ., Yucebilgili Kurtoglu K., Filiz E., Vatansever R.  
XXIII. International Plant & Animal Genome Conference (The Largest Ag-Genomics Meeting in the World), California, United States Of America, 10 - 14 January 2015, pp.1-2
- CXLVIII. **An Investigation on Phytoplankton Density, Some Nutrients and Heavy Metals in the Surface Water of Alibeyköy Dam Lake; One of the Water Resources of Istanbul, Turkey**  
Özyiğit İ. İ., Yılmaz N., Demir G., Yalcin I., Temel M.  
2nd International Conference "Water resources and wetlands, Tulcea, Romania, 11 - 13 September 2014, pp.1-3
- CXLIX. **The 5. International Symposium on Sustainable Development (ISSD2014), "Biotechnology for Sustainable Development"**  
Özyiğit İ. İ., Colak C., Karadeniz S., Demir G., Yalcin I.  
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- CL. **Monitoring Genotoxic, Physiological and Nutritional Damages in Oat (*Avena sativa* L.) Induced by Lead**  
Özyiğit İ. İ., Uzunova U., Filiz E., Dogan I., Karadeniz S., Igdelioglu S., Demir G., Yalcin I.  
The 5. International Symposium on Sustainable Development (ISSD2014), "Biotechnology for Sustainable Development", Sarajevo, Bosnia And Herzegovina, 15 - 18 May 2014, pp.1-3
- CLI. **Quantitative Analysis of Three Functional Genes (Mapk, Hsp70 and Mt) in Cotton (*Gossypium hirsutum* L.) After in vitro Lead Application**  
Özyiğit İ. İ., Karadeniz S., Semizoglu N., Tombuloglu H., Aygun G., Filiz E., Tabanlı F., Genc M., Yildirim O.  
The 5. International Symposium on Sustainable Development (ISSD2014), "Biotechnology for Sustainable Development", Sarajevo, Bosnia And Herzegovina, 15 - 18 May 2014, pp.1-2
- CLII. **Evaluation of Molecular, Physiological and Nutritional Alterations Caused by Lead in Rye (*Secale cereale* L.)**  
Özyiğit İ. İ., Igdelioglu S., Dogan I., Filiz E., Karadeniz S., Uzunova Z., Kulaç S., Demir G.  
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- CLIII. **Determination of Seasonal Heavy Metal Distribution in *Pinus nigra* Arnold and Soils in Bartın-Turkey**  
Özyiğit İ. İ., Yaşar U., Dogan I., Yalcin I., Yücedağ C., Küçükönder H., Severoglu Z., Demir G.  
The 5. International Symposium on Sustainable Development (ISSD2014), "Biotechnology for Sustainable Development", Sarajevo, Bosnia And Herzegovina, 15 - 18 May 2014, pp.1-3
- CLIV. **Molecular Screening of some Hsp Genes and Determination of Mineral Nutrient Status in Cadmium Exposed Tomato (*Solanum lycopersicum* L.)**

Özyiğit İ. İ., Semizoglu N., Tombuloglu H., Karadeniz S., Gogan I., Demir G.  
The 5. International Symposium on Sustainable Development (ISSD2014), "Biotechnology for Sustainable Development", Sarajevo, Bosnia And Herzegovina, 15 - 18 May 2014, pp.1-3

- CLV. **Assessment of Heavy Metal Contamination in Roadside Soil and its Effect on Plant Mineral Nutrition of Robinia pseudoacacia var. umbraculifera D.C. from Selected Roads in Istanbul/Turkey**  
Özyiğit İ. İ., Zorluer O., Demir G., Yalcin I.  
Conference on Botany (CB 2014), Suzhou, China, 12 - 14 March 2014, pp.1-2
- CLVI. **A New Local Endemic (*Hieracium kazdaghensis*), from Kaz Dağı (Mount Ida) Turkey and Soil Mineral Nutrient Status of its Habitat**  
Özyiğit İ. İ., Keskin M., Severoğlu Z.  
Conference on Botany (CB 2014), Suzhou, China, 12 - 14 March 2014, pp.1-2
- CLVII. **Use of Plant Biotechnology in Allelopathy Researches**  
Özyiğit İ. İ., Tabanlı F., Yildirimer O., Genc M.  
1. Africa-International Allelopathy Congress (AIAC-2014) Sousse, Susah, Tunisia, 6 - 09 February 2014, pp.1-2
- CLVIII. **Autecological Characteristics of *Centaurea hermannii* F. Hermann, An Endemic Species for Istanbul-Turkey**  
Özyiğit İ. İ., Eroglu H., Altay V., Yarci C.  
International Conference "Bioscience-development and new opportunities"-Kliment's Days, Oblast Sofia-Grad, Bulgaria, 20 - 22 November 2013, pp.1-2
- CLIX. **CADMIUM-INDUCED PHYSIOLOGICAL AND GENOTOXIC ALTERATIONS IN *Bryophyllum daigremontianum***  
ÖZYİĞİT İ. İ., Yilmaz S., Dogan I., Sakcali M. S., Kekec G., Demir G., SEVEROĞLU Z.  
13th International Conference on Environmental Science and Technology (CEST), Athens, Greece, 5 - 07 September 2013
- CLX. **DETERMINATION OF METAL DEPOSITION AND ITS EFFECTS ON MINERAL NUTRIENT UPTAKE STATUS OF *Pinus brutia* Ten. FOR ASSESSMENT OF POLLUTION IMPACT IN ITS HABITAT-ISTANBUL**  
Yalcin I. E., DEMİR G., ÖZYİĞİT İ. İ., Dogan I., YARCI C.  
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- CLXI. **Determination of Phytoplankton Density, Some Nutrients and Heavy Metals in the Surface Water of Riva Stream; One of the Water Resources of Istanbul, Turkey**  
Özyiğit İ. İ., Yilmaz N., Demir G., Yalcin I.  
The 13. International Conference on Environmental Science and Technology, (CEST2013), Athens, Greece, 5 - 07 September 2013, pp.1-2
- CLXII. **Determination of Heavy Metal Deposition and its Effects on Mineral Nutrient Uptake Status of *Pinus brutia* Ten. for Assessment of Pollution Impact in its Habitat-Istanbul**  
Özyiğit İ. İ., Yalcin I., Demir G., Dogan I., Yarci C.  
The 13. International Conference on Environmental Science and Technology, Athens, Greece, 5 - 07 September 2013, pp.1-2
- CLXIII. **Growth and Nutrient Uptake in Boron Induced Sunflower**  
Özyiğit İ. İ., Dogan I., Igdelioglu S., Artam-Tarhan E., Demir G., Yalcin I.  
International Conference of Young Scientist, "Advances in Botany and Ecology", Rivne, Ukraine, 18 - 22 June 2013, pp.1-2
- CLXIV. **Cadmium Stress Alters Nutrient Status of *Bryophyllum daigremontianum***  
Özyiğit İ. İ., Dogan I., Yilmaz S., Demir G.  
International Conference of Young Scientist, "Advances in Botany and Ecology", Rivne, Ukraine, 18 - 22 June 2013, pp.1-2
- CLXV. **A Study on Seasonal Variation of Phytoplankton Composition, Heavy Metal Contents and Nutrients in the Channel of Küçükçekmece Lagoon**  
Özyiğit İ. İ., Yilmaz N., Severoğlu Z., Demir G., Yalcin I.  
International Conference of Young Scientist, "Advances in Botany and Ecology", Rivne, Ukraine, 18 - 22 June 2013,

pp.1-2

- CLXVI. **Floristic Properties, Soil Mineral Nutrients and Endemics of Kazdağı (Mount Ida) National Park**  
Özyiğit İ. İ., Severoğlu Z., Yılmaz A.  
International Conference of Young Scientist, "Advances in Botany and Ecology", Rivne, Ukraine, 18 - 22 June 2013, pp.1-2
- CLXVII. **Floristic Properties, Soil Mineral Nutrients and Endemics of Kazdağı (Mound Ida) National Park**  
YILMAZ A., ÖZYİĞİT İ. İ., SEVEROĞLU Z.  
International Conference of Young Scientists "Advances in Botany and Ecology", Scholkine, Ukraine, 8 - 12 June 2013, pp.202-203
- CLXVIII. **Biyomonitör Olarak Kullanılan Bitkiler ve Çevre Kirliliğindeki Önemi**  
Özyiğit İ. İ., Yarci C., Yalcin I., Demir G., Okten H., Ozdemir H.  
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- CLXIX. **Germination, Growth and Mineral Nutrition of *Centaurea consanguinea* DC. Grown in Different Parts of Turkey**  
Eskin B., Özyiğit İ. İ., Doğan İ., Severoğlu Z., Demir G., Yalçın İ. E., Yarci C., Serin M.  
Kırgızistan Birinci Uluslararası Biyoloji Kongresi, Bishkek, Kyrgyzstan, 24 - 26 September 2012, pp.93
- CLXX. **Aspects of *Onosma proponticum* Aznav: A Narrow Endemic Plant From Istanbul-Turkey**  
Özyiğit İ. İ., Atas Y., Severoğlu Z., Dogan I., Demir G., Yalcin I., Serin M.  
First International Biology Congress in Kyrgyzstan, Bishkek, Kyrgyzstan, 24 - 26 September 2012, pp.1-2
- CLXXI. **Effects of Drought Stress on Growth and Mineral Nutrition Status of *Begonia corallina* var. *lucerna***  
Özyiğit İ. İ., Doğan İ., Severoğlu Z., Demir G., Yalçın İ. E.  
Kırgızistan Birinci Uluslararası Biyoloji Kongresi, Bishkek, Kyrgyzstan, 24 - 26 September 2012, pp.60-61
- CLXXII. **Mineral Nutrient Uptake Statuses of Selected Weed and Maize (*Zea mays* L.) Samples in a Newly Planted Cornfield**  
ÖZYİĞİT İ. İ., DOĞAN İ., SEVEROĞLU Z., Keskin M., karadeniz s., DEMİR G., iğdelioğlu s., Yalçın İ. E.  
4th International Weed Science Congress, 6 - 08 September 2012
- CLXXIII. **Study on Ecological Characters of Weed Flora in Some Selected Cereal Fields of Kocaeli Peninsula-Turkey**  
Altay V., Özyiğit İ. İ., Yarci C., Severoğlu Z.  
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- CLXXIV. **Plant Diversity of Month Ida (Kazdagı) and Its Ecological Features Related to Altitude, International Workshop on High Altitude Ecosystems and Climate Change**  
Özyiğit İ. İ.  
Standing Committee on Scientific and Technological Cooperation, Islamabad, Pakistan, 3 - 05 September 2012, pp.1-2
- CLXXV. **Physiological and Genotoxic Alterations Induced by Boron in *Helianthus annuus* L. (Sunflower)**  
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- CLXXVI. **Mineral Nutrient Uptake Status of Endemic *Isoetes anatolica* Prada & Rolleri Populations from Turkey**  
Özyiğit İ. İ., Dogan I., Eskin B., Keskin M., Demir G., Yalcin I.  
12. National and 3. International Conference of Botany Quaid-i-Azam University, Islamabad, Pakistan, 1 - 03 September 2012, pp.1-2
- CLXXVII. **Mineral Elements in *Veronica scutellata* L. (grassleaf speedwell) from Bolu-Turkey: Soil-Plant Interactions**  
Özyiğit İ. İ., Demir G., Dogan I., Eskin B., Keskin M.  
12. National and 3. International Conference of Botany Quaid-i-Azam University, Islamabad, Pakistan, 1 - 03 September 2012, pp.1-2
- CLXXVIII. **The Effects of Ni on *Helianthus annuus* L. Tissue Cultures in Different Developmental Phases**  
Özyiğit İ. İ., Ozturk A., Artam-Tarhan E., Iğdelioğlu S., Demir G.

12. National and 3. International Conference of Botany Quaid-i-Azam University, Islamabad, Pakistan, 1 - 03 September 2012, pp.1-2
- CLXXIX. **Some Physiological and Autecological Features of *Centaurea kilaea* Boiss. from Turkey**  
Özyiğit İ. İ., Eskin B., Dogan I., Altay V., Demir G., Serin M.  
12. National and 3. International Conference of Botany, Islamabad, Pakistan, 1 - 03 September 2012, pp.1-2
- CLXXX. **An Ecological Study of Endemic Plant *Polygonum istanbulicum* Keskin and Its Environs**  
Özyiğit İ. İ., Altay V., Keskin M., Demir G., Yalcin I.  
12. National and 3. International Conference of Botany Quaid-i-Azam University, Islamabad, Pakistan, 1 - 03 September 2012, pp.1-2
- CLXXXI. **İstanbul'da Sedir Ağaçlarında Tespit Edilen Bazı Mantar Kökenli Hastalıklar**  
Severoğlu Z., Özyiğit İ. İ.  
Türkiye 1. Orman Entomolojisi ve Patolojisi Sempozyumu, Antalya, Turkey, 23 - 25 November 2011, pp.307
- CLXXXII. **İstanbul'da Çınarlarda Görülen Mantar Kökenli Hastalıklar**  
Severoğlu Z., Özyiğit İ. İ.  
Türkiye 1. Orman Entomolojisi ve Patolojisi Sempozyumu, Antalya, Turkey, 23 - 25 November 2011, pp.188
- CLXXXIII. **İstanbul'da Sedir Ağaçlarında Tespit Edilen Bazı Mantar Kökenli Hastalıklar**  
Özyiğit İ. İ., Severoğlu Z.  
Türkiye 1. Orman Entomolojisi ve Patolojisi Sempozyumu, Antalya, Turkey, 23 - 25 November 2011, pp.1-2
- CLXXXIV. **Determination of Cd-induced Genotoxicity in Roman Nettle (*Urtica pilulifera* L.) Using RAPD-PCR Techniques**  
Özyiğit İ. İ., Dogan I., Kecec G., Sakcali M., Demir G., Tombuloglu H., Yalcin I.  
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- CLXXXV. **Use of *Calamintha nepeta* subsp. *glandulosa* as a Biomonitor Organism in Different Polluted Areas of Kocaeli-Turkey**  
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**Graptopetalum paraguayense**

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- CC. **The Wall Flora of Istanbul European Side**  
Özyiğit İ. İ., Severoğlu Z., Yesilot A., Altay V.  
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Özyiğit İ. İ., Yasar U., Yalcin I., Demir G.  
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11. National Meeting of Plant Scientists (NMPS) and 2. International Conference of Plant Scientists (ICPS-2011), Lahore, Pakistan, 22 - 24 February 2011, pp.1-2
- CCIV. **Influence of "Levothyroxine Sodium" on Growth and Uptake of Some Mineral Elements in Cotton (*Gossypium hirsutum* L.)**  
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- CCVI. **Uptake and Accumulation of some Heavy Metals by Wild Type and Cultivated Purslane (*Portulaca oleracea* L.) in Istanbul-Turkey**  
Özyiğit İ. İ., Yaşar U., Osma E., Leblebici Z.  
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- CCVII. **İstanbul'dan Türkiye Kent Vegetasyonu İçin Yeni Bir Birlik: *Lamio purpureum-Calenduletum arvensis* ass. nova**  
Özyiğit İ. İ., Altay V., Yarcı C.  
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- CCVIII. **Changes in Morphology and Leaf Anatomy of *Graptopetalum paraguayensis* in Response to Salt Stress**  
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Özyiğit İ. İ., Vardar F., Yaşar Ü., Akıncı Ş., Bostancı D., Yalçın İ. E., Emruşi N., İşçi M., Uzunova Z., Gürsoy D.  
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- CCXII. ***Cercis siliquastrum* L. subsp. *siliquastrum* (Fabaceae) as a Biomonitor for Heavy Metal Pollution in Istanbul Turkey**  
Özyiğit İ. İ., Yasar U., Serin M.  
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- CCXIII. **Use of *Celtis australis* L. (Ulmaceae) as a Biomonitor in Istanbul-Turkey**  
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 Özyiğit İ. İ., Buyukkeskin T., Akıncı Ş.  
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- CCXV. **Effects of Water Stress on Some Growth Parameters and Mineral Nutrition of Cotton (*Gossypium hirsutum* L.)**  
 Özyiğit İ. İ., Akıncı Ş., Vardar F., Yaşar Ü., Bostancı D., Yalçın İ. E., Emruşi N., İşçi M., Uzunova Z., Gürsoy D., et al.  
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 Özyiğit İ. İ., Yasar U., Serin M.  
 International Conference on Plants & Environmental Pollution, Kayseri, Turkey, 6 - 11 July 2009, pp.1-2
- CCXIX. **Effects of Aluminum and Cadmium Stresses on Some Growth Parameters and Leaf Anatomy of Cotton (*Gossypium hirsutum* L.)**  
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- CCXX. **Direct Organogenesis and Efficient Rooting from Cotyledonary Nodes of Cotton (*Gossypium hirsutum* L.)**  
 Özyiğit İ. İ., Gozukirmizi N.  
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- CCXXIII. **The Wall Flora of the Anatolian Side of Istanbul (Turkey)**  
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- CCXXIV. **Effects of BA-GA3 and NAA on Stomatal Conductance of Cucumber (*Cucumis sativus* L.)**  
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- CCXXV. **The Effects of Water Stress on Growth Parameters and Total Phenolics of *Cucumis sativus* L. (Cucumber) Seedlings**  
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**CCXXVII. Effect of Salinity on Growth Parameters and Mineral Uptake of Broad Bean (*Vicia faba* L.)**

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**CCXXVIII. The Determinations of Nutrient Contents of Common Nettle (*Urtica dioica* L.) Under Water Stress**

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**CCXXIX. Pamuk (*Gossypium hirsutum* L.) Doku Kültüründe Gelişmekte Olan Eksplantlardaki Fenolik Madde Değişimlerine PVP'nin Etkisi**

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**CCXXX. Agrobacterium-mediated transformation of cotton: *Gossypium hirsutum* L. "Çukurova 1518" from Turkey**

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**CCXXXII. Tissue Culture and Gene Transfer Systems of Cotton (*Gossypium hirsutum* L.) var. Çukurova 1518 from Turkey**

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**CCXXXIII. Indirect Plant Regeneration from Hypocotyl, Cotyledon and Mature Embryos of five Different Sunflower (*Helianthus annuus* L.) Genotypes from Turkey**

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**CCXXXIV. In vitro Ortamda Çimlendirilen Pamuk (*Gossypium hirsutum* L.) Bitkisindeki Fenolik Madde Değişimlerine PVP'nin Etkisi**

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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



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Özyiğit İ. İ., Doğan İ., Other International Funding Programs, *Populus nigra*, *Dactylis glomerata*, *Urtica dioica*, *Mentha longifolia*, *Salix fragilis*, *Arundo donax* ve *Achillea millefolium*'un Bişkek-Kırgızistan'da muhtemel ağır metal kirliliğinin tespitinde biyomonitör organizma olarak kullanılabilirlikleri, 2017 - 2018

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Özyiğit İ. İ., Project Supported by Higher Education Institutions, Doku kültürü ortamında farklı konsantrasyonlarda

kurşun (II) klorür (PbCl<sub>2</sub>) Uygulanmış Pamuk (*Gossypium hirsutum* L.) bitkilerinde üç farklı genin (MAPK, HSP70 ve MT) analizleri, 2014 - 2016

Özyiğit İ. İ., TUBITAK Project, Nohutta *ascochyta* yanıklığı etmenlerinin populasyon karakterizasyonu ve moleküler işaretleyiciler kullanılarak bu etmenlere karşı dayanıklı genotiplerin araştırılması, 2013 - 2016

Özyiğit İ. İ., Project Supported by Higher Education Institutions, Yulaf *Avena sativa* L ve Çavdar *Secale cereale* L Bitkilerinde Kurşun Pb Elementinin Genotoksik ve Fizyolojik Etkilerinin Değerlendirilmesi, 2013 - 2016

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Özyiğit İ. İ., Project Supported by Higher Education Institutions, Riva Deresi yüzey suyunda fitoplankton yoğunluğu, bazı besin elementleri ve ağır metallerin tayini, 2013 - 2015

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Özyiğit İ. İ., Project Supported by Higher Education Institutions, *Bryophyllum daigremontianum* Raym.-Hamet & H. Perrier bitkisinde kadmiyum stresinin fizyolojik, genotoksik ve mineral beslenme üzerine etkileri, 2012 - 2014

Özyiğit İ. İ., Project Supported by Higher Education Institutions, Bolu ilindeki endemik *Isoetes anatolica* Prada & Rolleri populasyonlarının mineral besin alım durumu, 2012 - 2014

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Özyiğit İ. İ., Project Supported by Higher Education Institutions, Levothyroxine sodyum'un pamuk (*Gossypium hirsutum* L.)'ta büyüme ve mineral alımına etkisi, 2011 - 2013

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Özyiğit İ. İ., Çolakoğlu G. T., Project Supported by Higher Education Institutions, HACCP kuralları uygulanan bazı işletmelerin kritik kontrol noktalarındaki mikroorganizma yükünün araştırılması, 2008 - 2009

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Özyiğit İ. İ., Akıncı Ş., Project Supported by Higher Education Institutions, Bakla (*Vicia faba* L.) bitkisinde tuzluluğun büyüme parametreleri üzerine etkilerinin araştırılması, 2006 - 2007

Özyiğit İ. İ., Derman Semiz B., Project Supported by Higher Education Institutions, Ayçiçeği (*Helianthus annuus* L.)'nde doku kültürü sistemlerinin kurulması, 1998 - 1999

## Activities in Scientific Journals

Frontiers in Life Sciences and Related Technologies (Online), First Editor, 2020 - Continues

## Metrics

Publication: 370

Citation (WoS): 1638

Citation (Scopus): 2036

H-Index (WoS): 22

H-Index (Scopus): 25

## Awards

Özyiğit İ. İ., Uluslararası Tebliğ, Marmara Üniversitesi Fen-Edebiyat Fakültesi, June 2018

Özyiğit İ. İ., Uluslararası Hakemli Dergilerde Yapılan Yayınlar (SCI'de taranan), Marmara Üniversitesi Fen-Edebiyat Fakültesi, June 2017

Özyiğit İ. İ., Uluslararası Hakemli Dergilerde Yapılan Yayınlar (SCI'de taranan), Marmara Üniversitesi Fen-Edebiyat Fakültesi, June 2016

Özyiğit İ. İ., Uluslararası Kitapta Bölüm, Marmara Üniversitesi Fen- Edebiyat Fakültesi, June 2015

Özyiğit İ. İ., En Yüksek Bütçeli Diğer Projeleri Yürüten Öğretim Üyesi (Fakülte), Marmara Üniversitesi Fen-Edebiyat Fakültesi, June 2014

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Özyiğit İ. İ., Uluslararası Kitapta Bölüm (Bölüm), Marmara Üniversitesi Fen-Edebiyat Fakültesi, June 2014

Özyiğit İ. İ., SCI'de Taranan Uluslararası Hakemli Dergilerde Yapılan Yayınlar (Bölüm), Marmara Üniversitesi Fen-Edebiyat Fakültesi, June 2014

Özyiğit İ. İ., Yayınlar Yapılan Atf Sayısı (Bölüm), Marmara Üniversitesi Fen-Edebiyat Fakültesi, June 2014

Özyiğit İ. İ., Uluslararası Kitapta Bölüm (Fakülte), Marmara Üniversitesi Fen-Edebiyat Fakültesi, June 2014

Özyiğit İ. İ., Uluslararası Hakemli Dergilerde Yapılan Yayınlar (SCI'de taranan), Marmara Üniversitesi Fen-Edebiyat Fakültesi, June 2013

Özyiğit İ. İ., Uluslararası Sempozyum/Kongre/Bilimsel Toplantılarda Sunulan Bildiriler, Marmara Üniversitesi Fen-Edebiyat Fakültesi, June 2013

Özyiğit İ. İ., Uluslararası Kitapta Bölüm, Marmara Üniversitesi Fen-Edebiyat Fakültesi, May 2013

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Özyiğit İ. İ., Tübitak Yayın Teşvik Ödülü (2009-2 Kez) Takdir Belgesi, Marmara Üniversitesi Fen Bilimleri Enstitüsü, June 2006