

# Prof. İBRAHİM İLKER ÖZYİĞİT

## Personal Information

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## Education Information

Associate Degree, Anadolu University, Faculty Of Open University, Department Of Theology, Turkey 2019 - Continues Under Graduate, Istanbul University, Turkey 2013 - 2017

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

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

Under Graduate, İstanbul Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, Turkey 1989 - 1995

## Foreign Languages

English, C1 Advanced

## Research Areas

Natural Sciences

## Academic Titles / Tasks

Professor, Kırgızistan-Türkiye Manas Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, 2017 - Continues

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

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

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

## Advising Theses

ÖZYİĞİT İ. İ. , Marmara Denizi'nin farklı bölgelerinden alınan astropecten irregularis (pennant, 1777)'e ait popülasyonların ağır metal akümüasyonlarının, genetik çeşitliliklerinin ve filogenetik ilişkilerinin araştırılması, Post Graduate, B.Uçar(Student), 2019

Özyiğit İ. İ. , Ağızdan aşı adayı Clostridium difficile yüzey proteini geni slpA'nın Agrobacterium tumefaciens'e aktarılması, Post Graduate, N.ÇAĞLAYAN(Student), 2019

ÖZYİĞİT İ. İ. , Severoğlu Z., Farklı konsantrasyonlardaki ağır metal (cd, ni, pb ve zn) karışımlarının hygrophila difformis blume bitkisindeki fizyolojik ve genotoksik etkileri, Post Graduate, D.Şehirli(Student), 2019

ÖZYİĞİT İ. İ. , Özyiğit İ., Ağızdan aşı adayı Clostridium difficile yüzey proteini geni slpA'nın Agrobacterium tumefaciens'e aktarılması, Post Graduate, N.Çağlayan(Student), 2019

Özyiğit İ. İ. , Physiological and genotoxic effects of aliminum and cadmium mixtures on Bryophyllum daigremontianum (Raym.-Hamet & H.Perrier) A. Berger plants in different concenterations, Post Graduate, H.YAZICIOĞLU(Student), 2019

- Özyiğit İ. İ. , Marmara Denizi'nin farklı bölgelerinden alınan *astropecten irregularis* (Pennant, 1777)'e ait popülasyonların ağır metal akümülyasyonlarının, genetik çeşitliliklerinin ve filogenetik ilişkilerinin araştırılması, Post Graduate, B.UÇAR(Student), 2019
- SEVEROĞLU Z., ÖZYİĞİT İ. İ. , İstanbul'un farklı habitatlarından toplanan *Borago officinalis* L. popülasyonlarının genetik çeşitliliklerinin, ağır metal ve mineral besin element miktarlarının araştırılması, Post Graduate, G.Lokumcu(Student), 2019
- Severoğlu Z., Özyiğit İ. İ. , İstanbul'un farklı habitatlarından toplanan *Borago officinalis* L. popülasyonlarının genetik çeşitliliklerinin, ağır metal ve mineral besin element miktarlarının araştırılması, Post Graduate, G.LOKUMCU(Student), 2019
- ÖZYİĞİT İ. İ. , Physiological and genotoxic effects of aluminum and cadmium mixtures on *bryophyllum daigremontianum* (Raym.-Hamet& H.Perrier) A. Berger plants in different concentrations, Post Graduate, H.Yazıcıoğlu(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, Post Graduate, N.Kaan(Student), 2019
- SEVEROĞLU Z., ÖZYİĞİT İ. İ. , İstanbul'un farklı habitatlarından toplanan öksürük otu (*tussilago farfara* l.) popülasyonlarının genetik çeşitliliklerinin, ağır metal ve mineral besin element miktarlarının araştırılması, Post Graduate, C.Tetik(Student), 2019
- Özyiğit İ. İ. , Doğan İ., Kacı Say'da bulunan uranyum depolama tesisinin sebep olduğu çevresel kirliliğinin belirlenmesinde *Artemisia dracunculoides* bitki türünün biyomonitör organizma olarak kullanılması, Post Graduate, A.TURGUNBAEVA(Student), 2018
- ÖZYİĞİT İ. İ. , Doğan İ., Ülkemizde yetiştirilen nohut (*cicer arietinum* l.) çeşitlerinde ileri çıkmış hatlarda *ascochyta* yanıklığına karşı direncin moleküler işaretleyiciler (STMS, ISSR VE RAPD) kullanılarak araştırılması, Post Graduate, M.Enes(Student), 2017
- ÖZYİĞİT İ. İ. , Demir İ., Ülkemizde geleneksel tedavilerde yaygın olarak kullanılan bazı tıbbi bitkilerin tohumlarında ağır metal ve mineral besin element tayini, Post Graduate, O.Yıldırım(Student), 2017
- 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. , Filiz İ., Ülkemizde yetiştirilen nohut (*Cicer arietinum* l.) varyetelerinde genetik çeşitliliğin araştırılması, Doctorate, S.Adınır(Student), 2017
- ÖZYİĞİT 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. , Filiz İ., Ülkemizde yaygın olarak yetiştirilen şeker mısır (*zea mays* l. var. *saccharata*) varyetelerinin genetik çeşitlilik ve filogenetik ilişkilerinin araştırılması, Post Graduate, N.Öztürk(Student), 2017
- ÖZYİĞİT İ. İ. , Farklı konsantrasyonlarda uygulanan kadmiyum (cd) elementinin *ludwigia glandulosa* walter ve *alternanthera reineckii* briq. bitkilerindeki genotoksik etkilerinin moleküler yöntemlerle belirlenmesi, Post Graduate, G.Müzeyyen(Student), 2017
- Özyiğit İ. İ. , *Arabidopsis thaliana*'dan izole edilen atbor4 geninin *agrobacterium tumefaciens* aracılığı ile ayçiçeği (*helianthus annuus* l.)'ne aktarılması, Post Graduate, S.KARADENİZ(Student), 2016
- ÖZYİĞİT İ. İ. , *Arabidopsis thaliana*'dan izole edilen atbor4 geninin *agrobacterium tumefaciens* aracılığı ile ayçiçeği (*Helianthus Annuus* l.)'ne aktarılması, Post Graduate, S.Karadeniz(Student), 2016
- ÖZYİĞİT İ. İ. , Filiz İ., Düzce ili Şehir ekosisteminde dağılım gösteren ihlamur ağaçlarında (*tilia tomentosa* moench.) genetik çeşitliliğin rapd işaretleyicileriyle araştırılması, Post Graduate, S.Birbilener(Student), 2015
- Özyiğit İ. İ. , Çavdar (*Secale cereale* L.) bitkisinde kurşun (Pb) elementinin genotoksik ve fizyolojik etkileri, Post Graduate, S.İĞDELİOĞLU(Student), 2014
- ÖZYİĞİT İ. İ. , Özyiğit B., Ülkemizde yaygın olarak kullanılan bazı tıbbi bitkilerin yapraklarında ağır metal ve mineral besin element içeriklerinin tayini, Post Graduate, Ş.Turan(Student), 2014
- ÖZYİĞİT İ. İ. , Ülkemizde geleneksel tedavilerde yaygın olarak kullanılan bazı tıbbi bitkilerin kök ve çiçeklerinde ağır metal ve mineral besin element tayini, Post Graduate, C.Çolak(Student), 2014
- Özyiğit İ. İ. , Kısa rotasyonlu bitkilerle ağaçlandırma ile farklı kavak (*Populus* sp.) genotiplerinden toprak-üstü odunsu biyokütle üretimi, Post Graduate, K.SÖNMEZOĞLU(Student), 2014
- Özyiğit İ. İ. , *Bryophyllum daigremontianum* Raym.-Hamet & H. Perrier bitkisinde kadmiyum stresinin fizyolojik, genotoksik ve mineral beslenme üzerine etkileri, Post Graduate, S.YILMAZ(Student), 2013

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

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

- I. **Economic Impacts of Bt (Bacillus thuringiensis) Cotton**  
TOKEL D., Genc B. N. , ÖZYİĞİT İ. İ.  
JOURNAL OF NATURAL FIBERS, 2021 (Journal Indexed in SCI)
- II. **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, 2021 (Journal Indexed in SCI)
- III. **Particle bombardment technology and its applications in plants**  
ÖZYİĞİT İ. İ. , Yucebilgili Kurtoglu K.  
MOLECULAR BIOLOGY REPORTS, 2020 (Journal Indexed in SCI)
- IV. **Phytoremediation using genetically engineered plants to remove metals: a review**  
ÖZYİĞİT İ. İ. , Can H., Dogan I.  
ENVIRONMENTAL CHEMISTRY LETTERS, 2020 (Journal Indexed in SCI)
- V. **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 (Journal Indexed in SCI)
- VI. **Genetic Diversity and Phylogenetic Analyses of Turkish Cotton (Gossypium hirsutumL.) Lines Using ISSR Markers and ChloroplasttrnL-FRegions**  
Hocaoglu-Ozyigit A., Ucar B., ALTAY V., ÖZYİĞİT İ. İ.  
JOURNAL OF NATURAL FIBERS, 2020 (Journal Indexed in SCI)
- VII. **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, 2020 (Journal Indexed in SCI)
- VIII. **Gene transfer to plants by electroporation: methods and applications**  
ÖZYİĞİT İ. İ.  
MOLECULAR BIOLOGY REPORTS, vol.47, no.4, pp.3195-3210, 2020 (Journal Indexed in SCI)
- IX. **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 (Journal Indexed in SCI)
- X. **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 (Journal Indexed in SCI)
- XI. **DETERMINATION OF NUT PROPERTIES AND CHEMICAL COMPOSITIONS OF WALNUT (JUGLANS REGIA L.) GENOTYPES GROWN IN WALNUT-FRUIT FORESTS OF KYRGYZSTAN**  
Erturk U., Solak A. O. , YÜCEL S., Saliyeva K., SEVEROĞLU Z., ÖZYİĞİT İ. İ. , Borkoyev B.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.29, pp.2809-2817, 2020 (Journal Indexed in SCI)
- XII. **Effect of Mg doping on morphology, photocatalytic activity and related biological properties of Zn1-xMgxO nanoparticles**  
Yalcin B., Akcan D., Yalcin I. E. , ALPHAN M. C. , Senturk K., ÖZYİĞİT İ. İ. , ARDA L.  
TURKISH JOURNAL OF CHEMISTRY, vol.44, no.4, pp.1177-1199, 2020 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **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 (Journal Indexed in SCI)
- XV. **Inhibitory effects of allelopathic crops on seedling growth of weed *Hypericum triquetrifolium* Turra**  
Jenfaoui H., Chaabane H., Hada Z., Sen U., Sassi K., Rezgui S., ÖZYİĞİT İ. İ. , Souissi T.  
ALLELOPATHY JOURNAL, vol.48, no.2, pp.203-215, 2019 (Journal Indexed in SCI)
- XVI. **Construction, characteristics and high throughput molecular screening methodologies in some special breeding populations: a horticultural perspective**  
Can H., Kal U., ÖZYİĞİT İ. İ. , Paksoy M., Turkmen O.  
JOURNAL OF GENETICS, vol.98, no.3, 2019 (Journal Indexed in SCI)
- XVII. **DNA fingerprinting and assessment of some physiological changes in *Al-induced Bryophyllum daigremontianum* clones**  
ÖZYİĞİT İ. İ. , Kaval A., Altundag Cakir E., VARDAR F.  
Molecular Biology Reports, vol.46, no.3, pp.2703-2711, 2019 (Journal Indexed in SCI)
- XVIII. **Heavy Metal Levels and Mineral Nutrient Status of Natural Walnut (*Juglans regia* L.) Populations in Kyrgyzstan: Nutritional Values of Kernels**  
ÖZYİĞİT İ. İ. , Uras M. E. , Yalcin I. E. , SEVEROĞLU Z., DEMİR G., Borkoev B., Salieva K., YÜCEL S., ERTÜRK Ü., Solak A. O.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.189, no.1, pp.277-290, 2019 (Journal Indexed in SCI)
- XIX. **ECOPHYSIOLOGICAL PROPERTIES OF TURKISH ENDEMIC *CENTAUREA CONSANGUINEA* DC**  
ESKİN B., ÖZYİĞİT İ. İ. , DOĞAN İ., DEMİR G., YARCI C., Serin M.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, pp.1082-1092, 2019 (Journal Indexed in SCI)
- XX. **EVALUATION OF ALUMINUM STRESS INDUCED ANTIBACTERIAL AND ANTIFUNGAL ACTIVITIES IN ROMAN NETTLE**  
ÖZYİĞİT İ. İ. , DOĞAN İ., Yalcin I. E. , SEVEROĞLU Z.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, pp.1093-1099, 2019 (Journal Indexed in SCI)
- XXI. **Abiotic stress-induced regulation of antioxidant genes in different *Arabidopsis* ecotypes: microarray data evaluation**  
Filiz E., Özyiğit İ. İ. , Saracoglu İ. A. , Uras M. E. , Şen U., Yalçın B.  
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.33, no.1, pp.128-143, 2019 (Journal Indexed in SCI)
- XXII. **COMPARATIVE ANALYSIS OF MATURE AND PREPROTEIN FORM OF THIONINS IN SOME PLANT SPECIES; BIOINFORMATICS APPROACHES**  
ÖZYİĞİT İ. İ. , Filiz E., Saracoglu I. A. , YALÇIN B.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.5, pp.4256-4266, 2019 (Journal Indexed in SCI)
- XXIII. **Comparative analyses of phytochelatin synthase (PCS) genes in higher plants**  
Filiz E., Saraçoğlu İ. A. , Özyiğit İ. İ. , Yalçın B.  
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.33, no.1, pp.178-194, 2019 (Journal Indexed in SCI)
- XXIV. **Investigation of Heavy Metal Level and Mineral Nutrient Status in Widely Used Medicinal Plants' Leaves in Turkey: Insights into Health Implications**  
Özyiğit İ. İ. , Yalçın B., Turan S., Saracoglu I. A. , Karadeniz S., Yalcin I. E. , Demir G.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.182, pp.387-406, 2018 (Journal Indexed in SCI)
- XXV. **GENETIC DIVERSITY AND PHYLOGENETIC ANALYSES OF TURKISH RICE VARIETIES REVEALED BY ISSR MARKERS AND CHLOROPLAST *trnL-F* REGION**  
FİLİZ E., Uras M. E. , ÖZYİĞİT İ. İ. , Sen U., GÜNGÖR H.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, no.12, pp.8351-8358, 2018 (Journal Indexed in SCI)
- XXVI. **SOME HEAVY METALS AND MINERAL NUTRIENTS OF NARROW ENDEMIC *CIRSIIUM BYZANTINUM* STEUD., FROM ISTANBUL, TURKEY: PLANT-SOIL INTERACTIONS**  
ÖZYİĞİT İ. İ. , ESKİN B., Uras M. E. , Sen U., EYGİ ERDOĞAN B., Kurmanbekova G., SEVEROĞLU Z., Yalcin I. E.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, no.2, pp.668-674, 2018 (Journal Indexed in SCI)

- XXVII. **Genome-wide identification and expression profiling of EIL gene family in woody plant representative poplar (*Populus trichocarpa*)**  
FİLİZ E., Vatansever R., ÖZYİĞİT İ. İ. , Uras M. E. , Sen U., Anjum N. A. , Pereira E.  
ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, vol.627, pp.30-45, 2017 (Journal Indexed in SCI)
- XXVIII. **Comparative analyses of pathogenesis-related protein-10 (PR10) in plants**  
ÖZYİĞİT İ. İ. , Vatansever R., FİLİZ E.  
INDIAN JOURNAL OF BIOTECHNOLOGY, vol.16, no.3, pp.456-464, 2017 (Journal Indexed in SCI)
- XXIX. **Genome-Wide Identification and Comparative Analysis of Copper Transporter Genes in Plants**  
Vatansever R., ÖZYİĞİT İ. İ. , FİLİZ E.  
INTERDISCIPLINARY SCIENCES-COMPUTATIONAL LIFE SCIENCES, vol.9, no.2, pp.278-291, 2017 (Journal Indexed in SCI)
- XXX. **Genome-wide exploration of silicon (Si) transporter genes, Lsi1 and Lsi2 in plants; insights into Si-accumulation status/capacity of plants**  
Vatansever R., ÖZYİĞİT İ. İ. , FİLİZ E., Gozukara N.  
BIOMETALS, vol.30, no.2, pp.185-200, 2017 (Journal Indexed in SCI)
- XXXI. **Insights into a key sulfite scavenger enzyme sulfite oxidase (SOX) gene in plants**  
FİLİZ E., Vatansever R., ÖZYİĞİT İ. İ.  
PHYSIOLOGY AND MOLECULAR BIOLOGY OF PLANTS, vol.23, no.2, pp.385-395, 2017 (Journal Indexed in SCI)
- XXXII. **Monitoring the Pollution Level in Istanbul Coast of the Sea of Marmara Using Algal Species *Ulva lactuca* L.**  
ÖZYİĞİT İ. İ. , UYANIK Ö. L. , Sahin N. R. , Yalcin I. E. , DEMİR G.  
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.26, no.2, pp.773-778, 2017 (Journal Indexed in SCI)
- XXXIII. **THREE NEW RARE MYXOMYCETES (MYCETOZOA) RECORDS FROM HATAY, TURKEY**  
BABA H., ÖZYİĞİT İ. İ.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.8, pp.4907-4910, 2017 (Journal Indexed in SCI)
- XXXIV. **Mineral Nutrient Acquisition by Cotton Cultivars Grown under Salt Stress**  
ÖZYİĞİT İ. İ. , DOĞAN İ., DEMİR G., Yalcin I. E.  
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.48, no.8, pp.846-856, 2017 (Journal Indexed in SCI)
- XXXV. **Assessment of heavy metal pollution in Istanbul using plant (*Celtis australis* L.) and soil assays**  
Ozturk A., YARCI C., ÖZYİĞİT İ. İ.  
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.31, no.5, pp.948-954, 2017 (Journal Indexed in SCI)
- XXXVI. **Essential and Beneficial Trace Elements in Plants, and Their Transport in Roots: a Review**  
Vatansever R., ÖZYİĞİT İ. İ. , FİLİZ E.  
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, vol.181, no.1, pp.464-482, 2017 (Journal Indexed in SCI)
- XXXVII. **Isolation of a transcription factor DREB1A gene from *Phaseolus vulgaris* and computational insights into its characterization: protein modeling, docking and mutagenesis**  
Vatansever R., Uras M. E. , Sen U., ÖZYİĞİT İ. İ. , FİLİZ E.  
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.35, no.14, pp.3107-3118, 2017 (Journal Indexed in SCI)
- XXXVIII. **Genome-wide identification and expression analysis of sulfate transporter (SULTR) genes in potato (*Solanum tuberosum* L.)**  
Vatansever R., Koc I., ÖZYİĞİT İ. İ. , Sen U., Uras M. E. , Anjum N. A. , Pereira E., FİLİZ E.  
PLANTA, vol.244, no.6, pp.1167-1183, 2016 (Journal Indexed in SCI)
- XXXIX. **Antimicrobial and antioxidant activities of medicinal plant *Glycyrrhiza glabra* var. *glandulifera* from different habitats**  
KARAHAN F., AVŞAR C., ÖZYİĞİT İ. İ. , BERBER İ.  
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.30, no.4, pp.797-804, 2016 (Journal Indexed in SCI)
- XL. **Analysis of EST-SSRs in silver birch (*Betula pendula* Roth.)**  
FİLİZ E., DOĞAN İ., ÖZYİĞİT İ. İ.  
JOURNAL OF FORESTRY RESEARCH, vol.27, no.3, pp.639-646, 2016 (Journal Indexed in SCI)

- XLII. Comparative analyses of squalene synthase (SQS) proteins in poplar and pine by using bioinformatics tools**  
FİLİZ E., ÖZYİĞİT İ. İ. , Vatansever R.  
TREE GENETICS & GENOMES, vol.12, no.2, 2016 (Journal Indexed in SCI)
- XLIII. Identification and Comparative Analysis of H<sub>2</sub>O<sub>2</sub>-Scavenging Enzymes (Ascorbate Peroxidase and Glutathione Peroxidase) in Selected Plants Employing Bioinformatics Approaches**  
ÖZYİĞİT İ. İ. , FİLİZ E., Vatansever R., Kurtoglu K. Y. , Koc I., Ozturk M. X. , Anjum N. A.  
FRONTIERS IN PLANT SCIENCE, vol.7, 2016 (Journal Indexed in SCI)
- XLIV. Molecular docking of Glycine max and Medicago truncatula ureases with urea; bioinformatics approaches**  
FİLİZ E., Vatansever R., ÖZYİĞİT İ. İ.  
MOLECULAR BIOLOGY REPORTS, vol.43, no.3, pp.129-140, 2016 (Journal Indexed in SCI)
- XLV. In silico analysis of Mn transporters (NRAMP1) in various plant species**  
Vatansever R., FİLİZ E., ÖZYİĞİT İ. İ.  
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