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Bahçeşehir Üniversitesi – Mühendislik ve Doğa Bilimleri Fakültesi
4. **Öğrenim Durumu:**

Derece	Bölüm/Program	Üniversite	Yıl
Lisans	Eğitim Fakültesi Biyoloji Eğitimi Anabilim Dalı	Marmara Üniversitesi	09.03.2011
Yüksek Lisans	Fen Bilimleri Enstitüsü Biyoloji Anabilim Dalı	Marmara Üniversitesi	15.07.2013
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5. **Akademik Unvanlar**
6. **Yönetilen Yüksek Lisans ve Doktora Tezleri**
7. **Yayımlar**

7.1 Uluslararası hakemli dergilerde yayımlanan SCI kapsamında makaleler

İbrahim Ertugrul Yalcin, Ibrahim Ilker Ozyigit, Ilhan Dogan, Goksel Demir, Celal Yarci, Using the Turkish Red Pine Tree to Monitor Heavy Metal Pollution. Polish Journal of Environmental Studies, 29(5), 3881–3889. <https://doi.org/10.15244/pjoes/114505>, 2020.

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Faruk Karahan, Ibrahim Ilker Ozyigit, Ibrahim Adnan Saracoglu, **Ibrahim Ertugrul Yalcin**, Asli Hocaoglu Ozyigit, Ahmet Ilcim, Heavy Metal Levels and Mineral Nutrient Status in Different Parts of Various Medicinal Plants Collected from Eastern Mediterranean Region of Turkey, Biological Trace Element Research, Doi: 10.1007/s12011-019-01974-2, 197(1), 316-329, 2020.

Munir Ozturk, Volkan Altay, Mahir Kucuk, **Ibrahim Ertugrul Yalcin**, Trace elements in the soil-plant systems of copper mine areas-a case study from murgul copper mine from the black sea region of Turkey, Phytion, Volume 88, Issue 3, 2019, Pages 223-238, 2019.

Ibrahim Ilker Ozyigit, Ilhan Dogan, **Ibrahim Ertugrul Yalcin**, Zeki Severoglu, Evaluation of aluminum stress induced antibacterial and antifungal activities in Roman Nettle, Fresen Environ Bull, 28(2A), 1093-1099, 2019.

Ibrahim Ilker Ozyigit, Mehmet Emin Uras, **Ibrahim Ertugrul Yalcin**, Zeki Severoglu, Goksel Demir, Bakyt Borkoyev, Kalipa Saliyeva, Sevil Yucel, Umran Erturk, Ali Osman Solak, Heavy metal levels and mineral nutrient status of natural walnut (*Juglans regia* L.) populations in Kyrgyzstan: nutritional values of kernels, Biol Trace Elem Res, 189(1):277-290, <https://doi.org/10.1007/s12011-018-1461-4>, 2018, 2019.

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Ibrahim Ilker Ozyigit, Omer Lutfi Uyanik, Necla Ruken Sahin, **Ibrahim Ertugrul Yalcin**, Goksel Demir, Monitoring the pollution level in Istanbul coast of the Sea of Marmara using algal species *Ulva lactuca* L., Polish Journal of Environmental Studies, 26(2), 773-778, DOI: 10.15244/pjoes/66177, 2017.

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Etem Osma, Veli Ilhan, **Ibrahim Ertugrul Yalcin**, Heavy metals accumulation causes toxicological effects in aquatic *Typha domingensis* Pers, Brazilian Journal of Botany, 37(4):461–467, DOI 10.1007/s40415-014-0090-1, 2014.

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7.2 Uluslararası diğer hakemli dergilerde yayınlanan makaleler

Goksel Demir, Semih Kumas, Hacer Handan Demir, **Ibrahim Ertugrul Yalcin**, A Risk Assessment Model for Occupational Health and Safety Practices in the Fire Department,

International Journal of Advances in Engineering and Pure Sciences, Doi: 10.7240/jeps.653930, 32(3), 303-308, 2020.

Huseyin Ozdemir, Adnan Corum, Canan Yoruk, **Ibrahim Ertugrul Yalcin**, Goksel Demir, Environmental, Energy, and Economic Comparison of Mineral and Traditional Paper Production, International Journal of Chemical and Environmental Engineering, 4(5), 316-318, 2013.

7.3 Uluslararası bilimsel toplantılarda sunulan ve tam metni bildiri kitabında (Proceedings) basılan bildiriler

Nese Yilmaz, Ibrahim Ilker Ozyigit, Goksel Demir, **Ibrahim Ertugrul Yalcin**, Phytoplankton Composition and Heavy Metal Concentrations of Lake Terkos (Istanbul, Turkey), A Drinking Water Resources, Proceedings of the 14th International Conference on Environmental Science and Technology (CEST2015), Rhodes, Greece, 3-5 September 2015.

Omer Lutfi Uyanik, Kemal Berke Develi, Ibrahim Ilker Ozyigit, **Ibrahim Ertugrul Yalcin**, Goksel Demir, Mineral Element Distribution of *Lycopersicon esculentum* Miller Grown in Fields and Greenhouses in Turkey, Proceedings of the 14th International Conference on Environmental Science and Technology (CEST2015), Rhodes, Greece, 3-5 September 2015.

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Bestenur Kurtulus, Dogan Akcan, Lutfi Arda, Hatice Eser Okten, Perihan Kurt Karakus, Goksel Demir, Asli Coban, **Ibrahim Ertugrul Yalcin**, Omer Lutfi Uyanik, Proposal for Color and Heavy Metal Removal from Textile Wastewater by Crosslinked Polyelectrolyte Composite Membranes, Istanbul International Solid Waste, Water and Wastewater Congress 2013.

7.4 Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

İbrahim Ertuğrul Yalçın, İbrahim İlker Özyiğit, Celal Yarcı, Göksel Demir, Hatice Eser Ökten, Hüseyin Özdemir, 4-6 Ekim, 2012. Biyomonitör Olarak Kullanılan Bitkiler ve Çevre Kirliliğindeki Önemi, III. İleri Teknolojiler Çalıştayı, TÜYAP Fuar Merkezi, Büyükçekmece, İstanbul.

Sena Küçükkeskin, Sibel Baki, **İbrahim Ertuğrul Yalçın**, Hüseyin Özdemir, Göksel Demir, 5-6 Mayıs 2011. İstanbul Avrupa Yakası Otoyol Uzaklığına Göre Seçilmiş Bölgelerde Topraktaki Metal Kirliliğinin Araştırılması. Çesko 6, Fatih Üniversitesi, İstanbul.

Ömer Yağız Yürüker, Didem Akgül, **İbrahim Ertuğrul Yalçın**, Hüseyin Özdemir, Göksel Demir, 5-6 Mayıs 2011. İstanbul Anadolu Yakası Otoyol Uzaklığına Göre Seçilmiş Lokasyonlarda Toprakta Oluşan Metal Kirliliğinin Araştırılması. Çesko 6, Fatih Üniversitesi, İstanbul.

7.5 Diğer yayınlar

7.5.1. Poster Bildiriler

N. Yilmaz, I. I. Ozyigit, M. Elhag, C. A. Dumitrache, **I. E. Yalcin**, A Comparative Assesment on Pytoplankton Composition and Water Quality of Anamur and Riva Streams in Turkey, 6th International Conference Geography, Environment and GIS, Targoviste, Romania, May 23-25, 2019.

D. Sehirli, I. I. Ozyigit, Z. Severoglu, B. Ucar, **I. E. Yalcin**, The Effects of some Heavy Metals (Cd, Ni, Pb and Zn) on Mineral Nutrient Status of *Hygrophila difformis* Blume in an Artificially Polluted Tank, Bazı Ağır Metallerin (Cd, Ni, Pb and Zn) Yapay Olarak Kirletilen Akvaryumlardaki *Hygrophila difformis* Blume Bitkisinin Mineral Beslenmesi Üzerine Etkileri, Uluslararası Marmara Fen ve Sosyal Bilimler Kongresi, IMASCON, Kocaeli, Turkey, April 26-28, 2019.

I. I. Ozyigit, C. Colak, S. Karadeniz, **I. E. Yalcin**, Determination of Heavy Metal and Mineral Elements in Flowers of Some Medicinal Plants Widely used in Turkey, The XIX International Botanical Congress (IBC), Shenzhen, China, July 23-29, 2017.

U. Sen, I. I. Ozyigit, M. E. Uras, **I. E. Yalcin**, E. Yilmaz, Evaluation of Heavy Metal Accumulation Capacity and Mineral Nutrient Status of Aquatic Plant *Vallisneria nana* in Artificially Contaminated Media, The XIX International Botanical Congress (IBC), Shenzhen, China, July 23-29, 2017.

N. Yilmaz, I. I. Ozyigit, A. Dumitrache, G. Demir, **I. E. Yalcin**, A preliminary study on the phytoplankton density, some nutrients and heavy metals in Elmalı Dam Lake (Istanbul, Turkey), 3rd International Conference "Water Resources and Wetlands", Tulcea, Romania, September 8-10, 2016.

N. Yilmaz, I. I. Ozyigit, M. E. Uras and **I. E. Yalcin**, Investigation of heavy metal (Cd, Cu, Ni and Zn) accumulation capacities of an aquatic plant *Hygrophila polysperma*, and determination of heavy metal effects on plant photosynthetic pigments, 3rd International Conference "Water Resources and Wetlands", Tulcea, Romania, September 8-10, 2016.

A. Kaval, E. A. Cakir, I. I. Ozyigit, F. Vardar, **I. E. Yalcin**, A. N. Atalay, K. Cilgin, Farklı Konsantrasyonlarda $AlCl_3$ Uygulanmış Gözyaşı Bitkisi (*Bryophyllum daigremontianum*) Klonlarında Mineral Beslenme Durumunun Araştırılması, 23. Ulusal Biyoloji Kongresi, Gaziantep, 5-9 Eylül, 2016.

A. Kizilirmakli, I. I. Ozyigit, A. Hocaoglu, A. Ozturk, Z. Severoglu, M. E. Uras, U. Sen, **I. E. Yalcin**, *Ferulago trachycarpa* BOISS. Bitkisinin Kaz Dağları Örneklerinin Mineral Besin Alım Özellikleri; Bitki-Toprak İlişkileri, 23. Ulusal Biyoloji Kongresi, Gaziantep, 5-9 Eylül, 2016.

U. Sen, I. I. Ozyigit, M. E. Uras, **I. E. Yalcin**, Z. Z. Gokce, A. Yilmaz, N. Hamzaoglu, Kaz Dağı Milli Parkı'ndan Toplanan Endemik *Paronychia chionaea* Boiss. Bitkilerinin Mineral Beslenme Özellikleri; Bitki Toprak İlişkileri, 23. Ulusal Biyoloji Kongresi, Gaziantep, 5-9 Eylül, 2016.

M. E. Uras, I. I. Ozyigit, U. Sen, **I. E. Yalcin**, Z. Z. Gokce, Bir Kaz Dağı Endemiği Olan *Centaurea odyseii* Wagenits Bitkisinin Mineral Beslenme Özelliklerinin Belirlenmesi, 23. Ulusal Biyoloji Kongresi, Gaziantep, 5-9 Eylül, 2016.

S.Karadeniz, I. I. Ozyigit, H. Tombuloglu, **I. E. Yalcin**, In vitro Propagation of some Widely Cultivated Sunflower (*Helianthus annuus* L) Varieties in Turkey, Türkiye’de Yaygın Olarak Ekilen Bazı Ayçiçeği (*Helianthus annuus* L) Varyetelerinin in vitro Çoğaltımı, 18. Ulusal Biyoteknoloji Kongresi, Konya, 18-19 Aralık, 2015.

N. Yılmaz, İ. İ. Özyiğit, G. Demir, **İ. E. Yalçın**, M. Temel, 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, 2nd International Conference "Water resources and wetlands", Tulcea, Romania, September 11-13, 2014.

Z. Severoğlu, İ. İ. Özyiğit, V. Altay, A. Özkan, **İ. E. Yalçın**, Determination of Some Mineral Nutrients in Soil Samples Collected from Different Areas of Mount Ida, Kaz Dağı’nın Farklı Bölgelerinden Alınan Toprak Örneklerinde Bazı Mineral Besin Elementlerinin İncelenmesi, International Symposium on Kaz Mountains (Mounth Ida) and Edremit, Global Change in the Mediterranean Region, Edremit-Balıkesir-Turkey, May 5-7, 2011.

İbrahim İlker Özyiğit and **İbrahim Ertuğrul Yalçın**, Effects of BA-GA3 and NAA on Stomatal Conductance of Cucumber (*Cucumis sativus* L.), Conference of Plant Scientists (9th National Meeting of Plant Scientists), Department of Botany, University of Agriculture, Faisalabad, Pakistan, 21 – 24 April 2008.

Şener Akıncı, İbrahim İlker Özyiğit, Soner Çubuk, Betül Öztürk, **İbrahim Ertuğrul Yalçın**, Elif Yavuz, The Effects of Water Stress on Growth Parameters and Total Phenolics of *Cucumis sativus* L. (Cucumber) Seedlings, International Medicinal and Aromatic Plants Conference on Culinary Herbs, Antalya, Turkey, 29 April-04 May 2007.

7.5.2. Uluslararası bilimsel toplantılarda sunulan ve özeti bildiri kitabında (Proceedings) basılan bildiriler

Ali Gungor, Dogan Akcan, Bestenur Yalcin, Kenan Senturk, **İbrahim Ertugrul Yalcin**, Mehmet Can Alphan, Lutfi Arda, Structural, optical and magnetic properties of Cu/Ni co-doped ZnO Films, International Conference on Condensed Matter and Materials Science, ICCMMS-2019, 14-19 October 2019, Adana, Turkey.

Dogan Akcan, Bestenur Yalcin, Kenan Senturk, **İbrahim Ertugrul Yalcin**, Mehmet Can Alphan, Adil Guler, Cihat Boyraz, Lutfi Arda, Preparation, Growth, And Optical Properties Of (Cu/Co) Co-Doped Zno Thin Films, International Conference on Condensed Matter and Materials Science, ICCMMS-2019, 14-19 October 2019, Adana, Turkey.

Mehmet Can Alphan, Bestenur Yalcin, Kenan Senturk, **İbrahim Ertugrul Yalcin**, Dogan Akcan, Lutfi Arda, Structure, Optical and Biological Properties Of Mn-Doped Zno Nanoparticles, International Conference on Condensed Matter and Materials Science, ICCMMS-2019, 14-19 October 2019, Adana, Turkey.

B. Ucar, I. I. Ozyigit, **I. E. Yalcin**, A. Hocaoglu Ozyigit, C. Tetik, G. Lokumcu, 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, Uluslararası Marmara Fen ve Sosyal Bilimler Kongresi, IMASCON, Kocaeli, Turkey, April 26-28, 2019.

T. Abdikaimova, I. Dogan, K. Cekirov, I. I. Ozyigit, A. Hocaoglu Ozyigit, Z. Severoglu, **I. E. Yalcin**, *Arundo donax* as a biomonitoring tool for determination of Heavy Metal Pollution in Bishkek-Kyrgyzstan, II. International Eurasian Agriculture and Natural Sciences Congress, Baku, Azerbaijan, September 11-15, 2018. (Oral Presentation)

T. Abdikaimova, I. Dogan, K. Cekirov, I. I. Ozyigit, B. Ucar, A. Hocaoglu Ozyigit, Z. Severoglu, **I. E. Yalcin**, Heavy Metal and Mineral Nutrient Statuses of *Populus nigra* used for the Evaluation of Environmental Pollution in Bishkek-Kyrgyzstan, II. International Eurasian Agriculture and Natural Sciences Congress, Baku, Azerbaijan, September 11-15, 2018. (Oral Presentation)

M. N. Bozkurt, B. Cekic, S. Ayhan, B. Ucar, **I. E. Yalcin**, M. Keskin, M. E. Uras, I. I. Ozyigit, Investigation of Phylogenetic Relationship in Some *Trifolium* Species from Istanbul/Turkey by Using cpDNA Regions, International Symposium Ecology, Kastamonu, Turkey, June 19-23, 2018. (Oral Presentation)

E. Altin, N. I. Oktar, H. Metin, B. Ucar, **I. E. Yalcin**, M. E. Uras, I. I. Ozyigit, Molecular Fingerprinting of Some *Isoetes* members using ITS and *trnL-trnF* sequences; a case study from Istanbul/Turkey, International Symposium Ecology, Kastamonu, Turkey, June 19-23, 2018. (Oral Presentation)

T. Abdikaimova, I. Dogan, K. Çekirov, I. I. Ozyigit, Z. Severoglu, A. Hocaoglu Ozyigit, G. Lokumcu, C. Tetik, **I. E. Yalcin**, Biomonitoring of heavy metal status in Bishkek-Kyrgyzstan using *Salix fragilis*, International Symposium Ecology, Kastamonu, Turkey, June 19-23, 2018.

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M. E. Uras, I. I. Ozyigit, A. Ozturk, U. Sen, **I. E. Yalcin**, Evaluation of Heavy Metal Accumulation Capacity of *Myriophyllum spicatum* L. in Artificially Contaminated Tanks, Ecology 2017, International Symposium, Kayseri, Turkey, May 11-13, 2017.

A. Yilmaz, I. I. Ozyigit, S. Karadeniz, M. Keskin, A. Hocaoglu, A. Kaval, F. Tabanlı, **I. E. Yalcin**, G. Demir, Determination of Some Heavy Metals and Mineral Nutrients in *Silybum marianum* (L.) Gaertner, Grown in the Industrial Area of Dilovasi-Kocaeli-Turkey, International Conference on Environment and Natural Science (ICENS) Singapore April 2, 2016, (Oral Presentation)

N. Yilmaz, I. I. Ozyigit, A. Dumitrache, G. Demir, **I. E. Yalcin**, A preliminary study on the phytoplankton density, some nutrients and heavy metals in Elmalı Dam Lake (Istanbul, Turkey), 3rd International Conference “Water Resources and Wetlands”, Tulcea, Romania, September 8-10, 2016, (Oral Presentation)

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G. Demir, İ. İ. Özyiğit, Z. Severoğlu, İ. Doğan, **İ. E. Yalçın**, G. Kurmanbekova, The assessment

of heavy metal risk in Bishkek using *Fraxinus excelsior* L. as biomonitor organism, International VI. Balkan Botanical Congress, Rijeka, Croatia, Sept 14-18, **2015**, (Oral Presentation)

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M. E. Uras, İ. İ. Özyiğit, S. Karadeniz, M. Keskin, G. Demir, **İ. E. Yalçın**, F. Tabanlı, Analysis of Heavy Metal and Mineral Nutrient Levels in *Sinapis arvensis* L. Plant, Grown in an Industrial Area, Kocaeli/Turkey, 2015 International Congress on Chemical, Biological and Environmental Sciences (ICCBES), Kyoto, Japan, May 7-9, 2015.

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İ. İ. Özyiğit, C. Çolak, S. Karadeniz, G. Demir, **İ. E. Yalçın**, Determination of Heavy Metal and Mineral Elements in Root/Rhizome Samples of Some Medicinal Plants Widely Used in Turkey, International Food Congress, Novel Approaches in Food Industry, NAFI 2014, Kusadası, Turkey, May 26-29 2014.

Z. Uzunova, İ. İ. Özyiğit, E. Filiz, İ. Doğan, S. Karadeniz, S. İğdelioğlu, G. Demir, **İ. E. Yalçın**, Monitoring Genotoxic, Physiological and Nutritional Damages in Oat (*Avena sativa* L.) Induced by Lead, The 5. International Symposium on Sustainable Development (ISSD2014), "Biotechnology for Sustainable Development", Sarajevo, Bosnia and Herzegovina, May 15-18, 2014.

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7.6 Uluslararası atıflar

	Scopus
Alıntılar	112
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8. Projeler

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9. İdari Görevler

10. Bilimsel Kuruluşlara Üyelikler-Görevler

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11. Ödüller – Sertifikalar

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12. Patentler

Buluş Başlığı: Hızlı ve Modüler Bir PCR Cihazı

Buluş Sahipleri: Mehmet Can Alphan, **İbrahim Ertuğrul Yalçın**, Lütfi Arda, İbrahim İlker Özyiğit

Başvuru Numarası: 2020/15580

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Tahakkuk No: 466067

Doğrulama adresi:

<https://epats.turkpatent.gov.tr/run/TP/DOGRULA/goruntule?ID=B088E528E69A3D44E0535B01A8C075D8>

13. Verdiği dersler

	Ders Kodu	Ders Adı	Lisans/Lisansüstü
1	BIO1003	General Biology (Lab)	Lisans
2	BIO1006	Biology II (Lab)	Lisans
3	CHE1001	General Chemistry I (Lab)	Lisans
4	KİM1061	Genel Kimya (Lab)	Lisans
5	ENV1002	Environmental Chemistry (Lab)	Lisans
6	ENV2001	Environmental Microbiology (Lab)	Lisans