

ÖZGEÇMİŞ

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3. Akademik Unvanlar

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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. Yönetilen Yüksek Lisans ve Doktora Tezleri

6. Yayınlar

6.1 Uluslararası hakemli dergilerde yayımlanan SCI kapsamında makaleler

2024-1 Ufuk Yolcu, **İbrahim Ertugrul Yalcin**, Mehmet Emin Uras, İbrahim İlker Ozyigit, Modeling the effects of essential heavy metals on environmental pollution: A linear and nonlinear prediction model via cascade forward-neural network. *Mathematical Methods in the Applied Sciences*, 47:4306–4318. <https://doi.org/10.1002/mma.9815>, 2024.

2024-2 İbrahim İlker Ozyigit, Hasan Can, Omer Lutfi Uyanik, **İbrahim Ertugrul Yalcin**, Goksel Demir, Fruit mineral nutrient contents of field and greenhouse grown tomatoes and comparison with standard values, *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 52(1), 13479. <https://doi.org/10.15835/nbha52113479>, 2024.

2024-3 Hulya Yazicioglu, Asli Hocaoglu-Ozyigit, Bihter Ucar, Seher Yolcu, **İbrahim Ertugrul Yalcin**, Salim Suner, İbrahim İlker Ozyigit, Physiological alterations and genotoxic damage under combined aluminum and cadmium treatments in *Bryophyllum daigremontianum* clones, *Molecular Biology Reports*, 51:1019, <https://doi.org/10.1007/s11033-024-09936-1>, 2024.

2024-4 Ibrahim Ilker Ozyigit, Sezen Igdelioglu, Seher Yolcu, **Ibrahim Ertugrul Yalcin**, Goksel Demir, Ilhan Dogan, Lead treatment affects mineral element status in rye (*Secale cereale* L.) Plants, <https://doi.org/10.1007/s42976-024-00581-9>, 2024.

2024-5 Gulden Ates, Sule Tamer, Elif Ozkok, Hatice Yorulmaz, **Ibrahim Ertugrul Yalcin**, Goksel Demir, Determination of trace elements and electrolyte levels in kidney tissue of simvastatin-treated septic rats. *Naunyn Schmiedeberg's Archives of Pharmacology*, 397; 3513-3521, <https://doi.org/10.1007/s00210-023-02835-5>, 2024.

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2023-2 Faruk Karahan, Ibrahim Ilker Ozyigit, **Ibrahim Ertugrul Yalcin**, Asli Hocaoglu-Ozyigit, Bedriye Nazlı Erkencioglu, Ahmet Ilcim, 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, *Spectroscopy Letters*, 56(2), 103-128, <https://doi.org/10.1080/00387010.2023.2181358>, 2023.

2023-3 Murat Sari, **Ibrahim Ertugrul Yalcin**, Mahmut Taner, Tahir Cosgun, Ibrahim Ilker Ozyigit, Forecasting contamination in an ecosystem based on a network model, *Environmental Monitoring and Assessment*, 195(5):536, <https://doi.org/10.1007/s10661-023-11050-x>, 2023.

2023-4 **Ibrahim Ertugrul Yalcin**, Volkan Altay, Investigation of water-soil-plant relationships based on hazardous and macro-micro element concentrations on Orontes River, Türkiye, *International Journal of Phytoremediation*, 25(14), 1859-1880. <https://doi.org/10.1080/15226514.2023.2202241>, 2023.

2023-5 Kenan Senturk, Bestenur Yalcin, **Ibrahim Ertugrul Yalcin**, Mehmet Can Alphan, Merve Sengul, Cumali Tav, Ugur Yahsi, Lütfi Arda, The role of defects in the structural and photocatalytic properties of Mg/B co-doped ZnO nanoparticles, *Journal of Materials Science: Materials in Electronics*, 34(9):847, <https://doi.org/10.1007/s10854-023-10208-0>, 2023.

2023-6 Ibrahim Ilker Ozyigit, Ilhan Dogan, Asli Hocaoglu-Ozyigit, Bestenur Yalcin, Aysegul Erdogan, **Ibrahim Ertugrul Yalcin**, Evren Cabi and Yilmaz Kaya, Production of secondary metabolites using tissue culture-based biotechnological applications, *Frontiers in Plant Science*, 14:1132555. <https://doi.org/10.3389/fpls.2023.1132555>, 2023.

2023-7 Bestenur Yalcin, Lutfi Arda, **Ibrahim Ertugrul Yalcin**, Kenan Senturk, Mehmet Can Alphan, Dogan Akcan, Ibrahim Ilker Ozyigit, Exploration of the improving effect of Cd-doping on structural, photocatalytic, and biological properties of ZnO nanoparticles. *Journal of Nanoparticle Research*, 25(7), 146. <https://doi.org/10.1007/s11051-023-05771-w>, 2023.

2023-8 Ibrahim Ilker Ozyigit, Belma Gjergjizi Nallbani, **Ibrahim Ertugrul Yalcin**, Goksel Demir, Albana Plakiqi-Milaimi, Enhancing environmental monitoring: utilizing plant and soil assays to track pollution in a Turkish organized industrial zone. *Spectroscopy Letters*, 56(8), 452-471. <https://doi.org/10.1080/00387010.2023.2257791>.

2023-9 Feyza Candan, Munir Ozturk, Volkan Altay, **Ibrahim Ertugrul Yalcin**, An experimental study on the effects copper and lead on the seedlings of some economically important vegetable species. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 51(4), 13158, 1-20. <https://doi.org/10.15835/nbha51313158>.

2022-1 Ibrahim Ilker Ozyigit, Faruk Karahan, **Ibrahim Ertugrul Yalcin**, Asli Hocaoglu-Ozyigit, Ahmet Ilcim, Heavy metals and trace elements detected in the leaves of medicinal plants collected in the southeast part of Turkey. *Arabian Journal of Geosciences*, 15:27. <https://doi.org/10.1007/s12517-021-09264-9>, 2022.

2022-2 Murat Sari, Tahir Cosgun, **Ibrahim Ertugrul Yalcin**, Mahmut Taner, Ibrahim Ilker Ozyigit, Deciding Heavy Metal Levels in Soil Based on Various Ecological Information through Artificial Intelligence Modeling. *Applied Artificial Intelligence*, 36(1), e2014189. <https://doi.org/10.1080/08839514.2021.2014189>, 2022.

2022-3 Hasan Can, Ibrahim Ilker Ozyigit, Merve Can, Asli Hocaoglu-Ozyigit, **Ibrahim Ertugrul Yalcin**, Multidimensional Scaling of the Mineral Nutrient Status and Health Risk Assessment of Commonly Consumed Fruity Vegetables Marketed in Kyrgyzstan, *Biological Trace Element Research*, 200, 1902–1916, <https://doi.org/10.1007/s12011-021-02759-2>, 2022.

2021-1 Ibrahim Ilker Ozyigit, Lutfi Arda, Bestenur Yalcin, **Ibrahim Ertugrul Yalcin**, Bihter Ucar, Asli Hocaoglu-Ozyigit, *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, *International Journal of Phytoremediation*, <https://doi.org/10.1080/15226514.2021.1892586>, 2021.

2021-2 Irem Sanal, Bestenur Yalcin, **Ibrahim Ertugrul Yalcin** and Lutfi Arda, Application of Poly(Vinyl Acetate) and Poly(1,4-Butylene Adipate) Hydrophobic Surface Coatings on Cementitious Mortar Specimens, *Techno-Press Journals, Advances in Concrete Construction, An International Journal*, 11(4), 323-333, <https://doi.org/10.12989/acc.2021.11.4.323>, 2021.

2021-3 Nese Yilmaz, Ibrahim Ilker Ozyigit, Hacer Handan Demir and **Ibrahim Ertugrul Yalcin**, Assessment on Phytoplankton Composition and Heavy Metal Pollution in a Drinking Water Resource: Lake Terkos (Istanbul, Turkey), *Desalination and Water Treatment*, 225, 265–274, <https://doi.org/10.5004/dwt.2021.27221>, 2021.

2021-4 Hasan Can, Ibrahim Ilker Ozyigit, Merve Can, Asli Hocaoglu-Ozyigit, **Ibrahim Ertugrul Yalcin**, 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, *Biological Trace Element Research*, <https://doi.org/10.1007/s12011-020-02208-6>, 199; 1123-1144, 2021.

2021-5 Ibrahim Ilker Ozyigit, Ilhan Dogan, Sedat Karadeniz, Zeki Severoglu, Goksel Demir, **Ibrahim Ertugrul Yalcin**, Celal Yarci, Mineral nutrient compositions of field-grown weed and maize (*Zea mays* L.) plants in terms of competition, *Pak J Agr Sci*, 58(1); 115-123, 2021.

2021-6 Ilhan Dogan, Ibrahim Ilker Ozyigit, Bermet Kidiraliyeva, Kadirbay Cekirov, Gulbubu Kurmanbekova, Bihter Ucar, Nurzat Saykieva, Asli Hocaoglu-Ozyigit, **Ibrahim Ertugrul Yalcin**, Zeki Severoglu, Ali Osman Solak, Assessment of pollution at the former uranium waste

dumpsite near Kaji-Say Village/Kyrgyzstan: a genetic and physiological investigation, *Journal of Radiation Research and Applied Sciences*, 14(1), 280-294, 2021.

2021-7 Nese Yilmaz, Ibrahim Ilker Ozyigit, Ilhan Dogan, Goksel Demir, **Ibrahim Ertugrul Yalcin**, A case study performed in Küçükçekmece Lagoon channel/Istanbul, Turkey: how the heavy metal contamination and the seasonal variations on phytoplankton composition influence water quality. *Desalination and Water Treatment*, 239, 126–136. <https://doi.org/10.5004/dwt.2021.27817>, 2021.

2020-1 **Ibrahim 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.

2020-2 **Ibrahim Ertugrul Yalcin**, Ibrahim Ilker Ozyigit, Ilhan Dogan, Goksel Demir, Celal Yarci, Determining Element Accumulations in Turkish Red Pine Used as a Bioindicator for Estimating of Existing Pollution on Both Sides of Bosphorus in Istanbul, *Fresen Environ Bull*, 29(7), 4963-4972, 2020.

2020-3 Bestenur Yalcin, Dogan Akcan, **Ibrahim Ertugrul Yalcin**, Mehmet Can Alphan, Kenan Senturk, Ibrahim Ilker Ozyigit, Lutfi Arda, Effect of Mg doping on morphology, photocatalytic activity and related biological properties of Zn_{1-x}Mg_xO nanoparticles, *Turkish Journal of Chemistry*, 44, 1177-1199, 2020.

2020-4 Hatice Yorulmaz, Elif Ozkok, Goksel Demir, **Ibrahim Ertugrul Yalcin**, Gulden Ates, Vakur Olgac, Sule Tamer, Pretreatment of simvastatin on liver trace element levels during endotoxemia, *Archives of Physiology and Biochemistry*, 126(3), 196-200, <https://doi.org/10.1080/13813455.2018.1508234>, 2020.

2020-5 Munir Ozturk, Volkan Altay, Mahir Kucuk, Ernaz Altundag, Zeki Severoglu, **Ibrahim Ertugrul Yalcin**, Preservation and ecology of a living relict shrub in South Caucasus as a eco-genetic heritage from Tertiary: *Epigaea gaultherioides* (Boiss. & Bal.) Takht, *Journal of Environmental Biology*, 41(2), 279-284, 2020.

2020-6 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.

2019-1 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, *Phyton*, Volume 88, Issue 3, 2019, Pages 223-238, 2019.

2019-2 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.

2019-3 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.

2018-1 Ibrahim Ilker Ozyigit, Bulent Eskin, Mehmet Emin Uras, Ugur Sen, Birsen Eygi Erdogan, Gulbubu Kurmanbekova, Zeki Severoglu, **Ibrahim Ertugrul Yalcin**, Some heavy metals and mineral nutrients of narrow endemic *Cirsium byzantinum* Steud., from Istanbul, Turkey: Plant-soil interactions, *Fresen Environ Bull*, 27(2), 668-674, 2018.

2018-2 Ibrahim Ilker Ozyigit, Bahattin Yalcin, Senay Turan, Ibrahim Adnan Saracoglu, Sedat Karadeniz, **Ibrahim Ertugrul Yalcin**, Goksel Demir, Investigation of Heavy Metal Level and Mineral Nutrient Status in Widely Used Medicinal Plants' Leaves in Turkey: Insights into Health Implications, *Biol Trace Elem Res*, <https://doi.org/10.1007/s12011-017-1070-7>, Volume 182(2), 387–406, 2018.

2017-1 Ibrahim Ilker Ozyigit, Ilhan Dogan, Goksel Demir, **Ibrahim Ertugrul Yalcin**, Mineral nutrient acquisition by cotton cultivars grown under salt stress, *Communications in Soil Science and Plant Analysis*, 48:8, 846-856, DOI: 10.1080/00103624.2017.1299166, VOL. 48, NO. 8, 846–856, 2017.

2017-2 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.

2016-1 Hatice Yorulmaz, Elif Ozkok, Goksel Demir, **Ibrahim Ertugrul Yalcin**, Gulden Ates and Sule Tamer, Investigation of Simvastatin on Micro and Macro Element Levels in Intestinal Tissue for During Early Phase of Sepsis, *Asian Journal of Animal and Veterinary Advances*, DOI: 10.3923/ajava.2016, 11(8), 452-460 2016.

2015-1 Etem Osma, Veli Ilhan, **Ibrahim Ertugrul Yalcin**, Uptake of Selected Heavy Metals and Their Effects on Some Physiologic Parameters and Mineral Nutrition in *Phragmites australis* in Karasu River-Turkey, *Global NEST Journal*, Vol 17, No 3, pp 555-564, 2015.

2015-2 Zeki Severoglu, Ibrahim Ilker Ozyigit, Ilhan Dogan, Gulbubu Kurmanbekova, Goksel Demir, **Ibrahim Ertugrul Yalcin**, Gulden Kasoglu Kari, (2015), The usability of *Juniperus virginiana* L. as a biomonitor of heavy metal pollution in Bishkek City, Kyrgyzstan, *Biotechnol Biotec Eq*, 29(6), 1104-1112, 2015.

2015-3 Nese Yilmaz, Ibrahim Ilker Ozyigit, Goksel Demir, **Ibrahim Ertugrul Yalcin**, Determination of phytoplankton density, some nutrients and heavy metals in the surface water of Riva Stream; one of the water resources of Istanbul, Turkey, *Desalination and Water Treatment*, DOI: 10.1080/19443994.2014.952674, 1-11, 2015.

2014-1 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.

2013-1 Ibrahim Ilker Ozyigit, Ilhan Dogan, Goksel Demir, Bulent Eskin, Mustafa Keskin, **Ibrahim Ertugrul Yalcin**, Distribution of some elements in *Veronica scutellata* L. from Bolu-Turkey: Soil-plant interactions, *Sains Malays*, 42(10), 1403-1407, 2013.

2013-2 Hatice Yorulmaz, Fatma Burcu Seker, Goksel Demir, **Ibrahim Ertugrul Yalcin**, Baria Oztas, The Effects of Zinc Treatment on the Blood–Brain Barrier Permeability and Brain Element Levels During Convulsions, *Biological Trace Element Research*, 151(2), 256-262, DOI 10.1007/s12011-012-9546-y, 2013.

2013-3 Volkan Altay, İbrahim İlker Özyiğit, Mustafa Keskin, Göksel Demir, **İbrahim Ertuğrul Yalçın**, An ecological study of endemic plant *Polygonum istanbulicum* Keskin and its environs, *Pak J. Bot.*, 45(S1), 455-459, 2013.

2013-4 İbrahim İlker Özyiğit, İlhan Doğan, Bülent Eskin, Mustafa Keskin, Göksel Demir, **İbrahim Ertuğrul Yalçın**, Mineral element uptake status of endemic *Isoetes anatolica* Prada & Rolleri populations from Bolu-Turkey, *Pak J. Bot.*, 45(S1), 515-519, 2013.

6.2 Uluslararası diğer hakemli dergilerde yayımlanan makaleler

2021-1 Hüseyin Özdemir, Muhammet Ali Aktaş, **İbrahim Ertuğrul Yalçın**, Ümmügülsüm Alyüz, Hatice Eser Ökten, H. Kurtuluş Özcan, Canan Esin Köksal,İRde Çetintürk Gürtepe, Göksel Demir, Alper Ünal, (2021). Noktasal Kaynaklar İçin Ulusal Hava Kirliliği Emisyon Faktörleri ve Envanterinin Belirlenmesi: Metal Sektörü İçin Örnek Bir Çalışma. *International Journal of Advances in Engineering and Pure Sciences*, 33(3), 337-346. Doi.org/10.7240/jeps.537152.

2021-2 Recep Turksoy, Gokhan Terzioglu, **Ibrahim Ertugrul Yalcin**, Ozlem Turksoy Terzioglu, Goksel Demir, (2021). Removal of heavy metals from textile industry wastewater. *Frontiers in Life Sciences and Related Technologies*, 2(2), 44-50. Doi.org/10.51753/flsrt.958165.

2020-1 Goksel Demir, Semih Kumas, Hacer Handan Demir, **Ibrahim Ertugrul Yalcin**, (2020). A Risk Assessment Model for Occupational Health and Safety Practices in the Fire Department, *International Journal of Advances in Engineering and Pure Sciences*, 32(3), 303-308, Doi: 10.7240/jeps.653930.

6.3 Yazılan ulusal/uluslararası kitaplardaki bölümler

2024-1 Volkan Altay, Busra Kara, **Ibrahim Ertugrul Yalcin**, Munir Ozturk, (2024). Aquatic Ecosystems and Health Threats: Case Study on the Nickel Pollution in Gölbaşı Lake in Hatay–Turkiye. *Aquatic Contamination: Tolerance and Bioremediation*, eISBN: 9781119989318. 25-42. <https://doi.org/10.1002/9781119989318.ch2>.

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

2015-1 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.

2015-2 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.

2013-1 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.

6.5 Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

2012-1 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.

6.6 Diğer yayınlar

6.6.1. Poster Bildiriler

2019-1 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.

2019-2 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.

2017-1 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.

2017-2 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.

2016-1 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.

2016-2 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.

2016-3 A. Kaval, E. A. Cakir, I. I. Ozyigit, F. Vardar, **I. E. Yalcin**, A. N. Atalay, K. Cilgin, Farklı Konsantrasyonlarda AlCl₃ Uygulanmış Gözyaşı Bitkisi (*Bryophyllum daigremontianum*) Klonlarında Mineral Beslenme Durumunun Araştırılması, 23. Ulusal Biyoloji Kongresi, Gaziantep, 5-9 Eylül, 2016.

2016-4 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.

2016-5 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.

2016-6 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.

2015-1 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.

2014-1 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.

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6.7 Uluslararası atıflar

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Alıntılar	391
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7. Projeler

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8. İdari Görevler

9. Bilimsel Kuruluşlara Üyelikler-Görevler

Frontiers in Life Sciences and Related Technologies Dergisi Editör Yardımcılığı

10. Ödüller – Sertifikalar

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T.C. İstanbul Üniversitesi Cerrahpaşa Tıp Fakültesi, Deney Hayvanları Etik Kurulu ile Deney Hayvanları Araştırma ve Üretim Laboratuvarından, **Deney Hayvanları Uygulama ve Etik Kursu**, Şubat 2007 (80 Saatlik).

11. Patentler

1) 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

Evrak Numarası: 2020-GE-482586

Tahakkuk No: 466067

Doğrulama adresi:

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

2) Buluş Başlığı: Hızlı ve Modüler Bir Gerçek Zamanlı PCR Cihazı

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

Başvuru Numarası: 2021/005429

Evrak Numarası: 2021-GE-210758

Tahakkuk No: 787152

Doğrulama adresi:

<https://epats.turkpatent.gov.tr/run/TP/DOGRULA/goruntule?ID=BE5C30CFFB151F01E0535A01A8C0E5DD>

3) Buluş Başlığı: A Modular and Rapid PCR Device

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

International Application No: PCT/TR2021/050853

Applicant or Agent's file reference: YP21-162-WO

United States Patent Application Publication No: US 2023/0372941 A1

4) Buluş Başlığı: A Modular and Rapid Real-Time PCR Device

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

International Application No: PCT/TR2021/050984

Applicant or Agent's file reference: YP21-200-WO

United States Patent Application Publication No: US 2023/0372943 A1

12. Verdiği dersler

	Ders Kodu	Ders Adı	Lisans/Lisansüstü
1	KİM3061	Biyokimya	Lisans
2	GEP1641	Yaşamın Kökeni	Lisans
3	BES2004	Gıda Mikrobiyolojisi	Lisans
4	BIO1003	General Biology (Lab)	Lisans
5	BIO1006	Biology II (Lab)	Lisans
6	CHE1001	General Chemistry I (Lab)	Lisans
7	CHE1061	General Chemistry (Lab)	Lisans
8	KİM1061	Genel Kimya (Lab)	Lisans
9	ENV1002	Environmental Chemistry (Lab)	Lisans
10	ENV2001	Environmental Microbiology (Lab)	Lisans