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Education Information

Doctorate, Istanbul University, Institute of Graduate Studies In Sciences, Biyoloji, Turkey 2017 - Continues

Postgraduate, Istanbul University, Institute of Graduate Studies In Sciences, Biyoloji, Turkey 2011 - 2014

Undergraduate, Istanbul University, Faculty Of Science, Biyoloji, Turkey 2007 - 2011

Research Areas

Life Sciences, Plant Biology, Plant Pathology, Natural Sciences

Academic Titles / Tasks

Research Assistant, Istanbul University, Faculty of Science, Department of Biology, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Microwave hydrodistillation of *Pelargonium graveolens* L'Her leaves: Essential oil profile, phytochemical composition of wastewater, histo-anatomical structure**
BOZTAŞ K., GERÇEK Y. C., Turer G., Canli D., Bayram S., Celik S., Kirkinci S., Basturk F. N., Feizollahi S., ÖZ G., et al.
JOURNAL OF ESSENTIAL OIL BEARING PLANTS, 2024 (SCI-Expanded)
- II. **Expression analyses of soluble starch synthase and starch branching enzyme isoforms in stem and leaf tissues under different photoperiods in lentil (*Lens culinaris* Medik.)**
Gerçek Y. C., Boztaş K., Aydın C., Morgil H., Baris I., Öz G., Tulum I.
Biologia, vol.77, no.2, pp.593-607, 2022 (SCI-Expanded)
- III. **Characterization of Essential Oil and Wastewater from *Thymus nummularius* M. Bieb. and Micromorphological Examination of Glandular Trichomes**
GERÇEK Y. C., Bayram S., Çelik S., Canlı D., Mavalı M. H., BOZTAŞ K., Bastürk F. N., Kırkinci S., Yeşil Y., KÖSESAKAL T., et al.
Journal of Essential Oil-Bearing Plants, vol.25, no.3, pp.690-706, 2022 (SCI-Expanded)
- IV. **Rutin mediated targeting of signaling machinery in cancer cells**
Perk A., SHATYNSKA-MYTSYK I., Gercek Y. C., Boztas K., Yazgan M., FAYYAZ S., FAROOQI A. A.
CANCER CELL INTERNATIONAL, vol.14, 2014 (SCI-Expanded)

V. Anticancer Activity of Essential Oils: Targeting of Protein Networks in Cancer Cells

Aras A., IQBAL M. J., NAQVI S. K., Gercek Y. C., Boztas K., GASPARRI M. L., SHATYNSKA-MYTSYK I., FAYYAZ S., FAROOQI A. A.

ASIAN PACIFIC JOURNAL OF CANCER PREVENTION, vol.15, no.19, pp.8047-8050, 2014 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Visualization of Phytoplasma Infection in Plant Tissues**
Boztaş K., Kocabağ H. D., Derecik K., Gazel M., Çağlayan K., Tulum I.
24th Biennial Congress of the International Organization for Mycoplasmaology (IOM), Osaka, Japan, 16 - 20 July 2023, no.15, pp.98-99
- II. **Molecular detection of ‘Candidatus Phytoplasma mali’ associated with virescence in Narcissus tazetta in Turkey.**
Boztaş K., Kocabağ H. D., Derecik K., Gazel M., Sipahioğlu H. M., Çağlayan K., Tulum I.
5th Meeting of the International Phytoplasmaologist Working Group, Masqat, Oman, 21 - 25 May 2023, vol.13, pp.113-114
- III. **Molecular detection of phytoplasma associated disease in Türkiye.**
Ünlü Y. S., Boztaş K., Tulum I.
2nd International Molecular Plant Protection Congress- IMPPC2023, Bursa, Turkey, 15 - 18 May 2023, pp.105-106
- IV. **Spreading status of ‘Candidatus Phytoplasma’ in tomato and grapevine plants in Western Marmara region of Turkey**
Ünlü Y. S., Boztaş K., Öz G., Tulum I.
5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022), Ankara, Turkey, 23 - 25 November 2022, no.1165, pp.65
- V. **Survey of the detection and characterization of ‘Candidatus Phytoplasma’ in Western Marmara region of Turkey**
Boztaş K., Öz G., Ünlü Y. S., Tulum I.
8th International Congress of the Molecular Biology Association of Turkey, İstanbul, Turkey, 9 - 12 June 2022, pp.112
- VI. **Antioxidant and Thioredoxin Reductase and Trypsin Inhibitor Activities of Honey, Bee Pollen and Bee Bread**
Boztaş K., Dağsuyu E., Gerçek Y. C., Bayram N. E., Öz G., Yanardağ R.
3rd Eurasia Biochemical Approaches & Technologies (EBAT), Antalya, Turkey, 4 - 07 November 2021, pp.41
- VII. **Amsonia orientalis Decne bitkisinin GC/MS analiz yöntemiyle kimyasal bileşiklerinin belirlenmesi**
Ünlü Y. S., Morgil Gerçek H., Boztaş K., Öz G.
Ulusal Botanik Kongresi, Antalya, Turkey, 25 - 28 October 2014, no.72
- VIII. **Transcriptional regulation of the starch branching enzyme isoforms in the leaf and the stem under long and short photoperiod in lentil**
Boztas K., Baris I., Kavakli H., Morgil H., Oz G. C.
FEBS EMBO 2014 Conference, Paris, France, 30 August - 04 September 2014, pp.694

Supported Projects

Boztaş K., Project Supported by Other Official Institutions, Yalancı İğde (Hippophae rhamnoides L.) Bitkisinin Yaprak ve Meyvelerinden Bitki Çayı Üretilmesi, 2013 - 2014

Memberships / Tasks in Scientific Organizations

The International Organization for Mycoplasmaology (IOM) , Member, 2023 - Continues, United States Of America

Metrics

Publication: 13

Citation (WoS): 88

Citation (Scopus): 85

H-Index (WoS): 3

H-Index (Scopus): 2

Congress and Symposium Activities

Öz G., Morgil H., Boztaş K., Ünlü Y.S. , Tuğcu F. , "Amsonia Orientalis Decne Bitkisinin Gc/Ms Analiz Yöntemiyle Kimyasal Bileşiklerinin Belirlenmesi", Ulusal Botanik Kongresi, İSTANBUL, TÜRKİYE, 25-28 Ekim 2014, ss.19-19, Attendee, İstanbul, Turkey, 2014

Öz G., Barış D.İ. , Morgil H., Kavaklı I.H., Boztaş K., "Transcriptional Regulation Of The Starch Branching Enzyme Isoforms In The Leaf And The Stem Under Long And Short Photoperiod In Lentil", The Federation of European Biochemical Societies (FEBS), EMBO , Paris, FRANSA, 30 Ağustos - 4 Eylül 2014, pp.1-1, Attendee, Paris, France, 2014