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Education Information

Undergraduate, Ege University, Faculty Of Science, Turkey 2004 - 2008

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Türkiye Pyrus L. (Rosaceae) Cinsinin Taksonomik Revizyonu ve Moleküler Filogenisi, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji, 2016

Research Areas

Life Sciences, Plant Biology, Systematic Botany, Bioinformatics, Biodiversity, Molecular Biology and Genetics, Cytogenetic, Natural Sciences

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **On the border of extinction and speciation, *Polygala seyfegoluensis* (Polygalaceae), a new species from marshy habitat, Central Türkiye: Under the threat of climate change, water retreat, and subsequent degradation**
DÖNMEZ A. A., UĞURLU AYDIN Z., Yüzbaşıoğlu S.
Turkish Journal of Botany, vol.48, no.1, pp.44-56, 2024 (SCI-Expanded)
- II. **Morphological and molecular data on a new species of *Polygala* (Polygalaceae) from Turkey**
Çeçen Ö., UĞURLU AYDIN Z., DÖNMEZ A. A.
Nordic Journal of Botany, vol.2023, no.6, 2023 (SCI-Expanded)
- III. **Comparative phytochemical studies on the roots of *Polygala azizzancarii* and *P. peshmenii* and neuroprotective activities of the two xanthones**
Çalış İ., Becer E., Ünlü A., UĞURLU AYDIN Z., Hanoğlu A., Vatansever H. S., DÖNMEZ A. A.
Phytochemistry, vol.210, 2023 (SCI-Expanded)

- IV. **Structural similarities of phytochemicals significantly contribute to species delimitation of Nigella and Garidella (Ranunculaceae)**
Kaya Y., DEMİRCİ B., UĞURLU AYDIN Z., OYBAK DÖNMEZ E., Baser K. H. C., DÖNMEZ A. A.
Journal of Essential Oil Research, vol.35, no.1, pp.11-23, 2023 (SCI-Expanded)
- V. **A new species from Turkey, Sorbus erzincanica (Rosaceae); inference from genomic data and morphometry**
Donmez A. A., UĞURLU AYDIN Z., TUNA M.
KEW BULLETIN, vol.77, no.3, pp.787-798, 2022 (SCI-Expanded)
- VI. **Xanthones and Xanthone O-beta-D-Glucosides from the Roots of Polygala azizsancarii Donmez**
ÇALIŞ İ., Unlu A., UĞURLU AYDIN Z., Donmez A. A., Yusufoglu H. S., Jurt S., Linden A.
CHEMISTRY & BIODIVERSITY, vol.19, 2022 (SCI-Expanded)
- VII. **DNA barcoding evaluation of geophytes: Comparative efficiency of three barcode loci for Anemone (Ranunculaceae) and Gladiolus (Iridaceae)**
UĞURLU AYDIN Z., Kaya Y., Donmez A. A.
PLANT BIOSYSTEMS, vol.156, no.4, pp.926-937, 2022 (SCI-Expanded)
- VIII. **Wild Brassica and Its Close Relatives in Turkey, the Genetic Treasures**
Donmez A. A., UĞURLU AYDIN Z., Wang X.
HORTICULTURAL PLANT JOURNAL, vol.7, no.2, pp.97-107, 2021 (SCI-Expanded)
- IX. **A new variety of Dianthus anatolicus (Caryophyllaceae) from Turkey as evidenced by morphology and AFLP data**
UĞURLU AYDIN Z., Koch M. A., Doenmez A. A.
ANNALES BOTANICI FENNICI, vol.58, pp.19-26, 2021 (SCI-Expanded)
- X. **Taxonomic monograph of the tribe Nigelleae (Ranunculaceae): a group including ancient medicinal plants**
Donmez A. A., UĞURLU AYDIN Z., OYBAK DÖNMEZ E.
TURKISH JOURNAL OF BOTANY, vol.45, no.5, pp.468-526, 2021 (SCI-Expanded)
- XI. **Numerical analyses of seed morphology and its taxonomic significance in the tribe Nigelleae (Ranunculaceae)**
UĞURLU AYDIN Z., Donmez A. A.
NORDIC JOURNAL OF BOTANY, vol.37, no.5, 2019 (SCI-Expanded)
- XII. **POLLEN MORPHOLOGY IN THE TRIBE NIGELLEAE (RANUNCULACEAE): A WORLDWIDE PALYNOLOGICAL INVESTIGATION INTO THE SPECIES**
İŞIK S., OYBAK DÖNMEZ E., UĞURLU AYDIN Z., Donmez A. A.
ACTA BIOLOGICA CRACOVENSIA SERIES BOTANICA, vol.61, no.1, pp.93-119, 2019 (SCI-Expanded)
- XIII. **Astragalus ihsancalisii (Fabaceae), a new species from Erzurum province, E Turkey**
Donmez A. A., UĞURLU AYDIN Z.
WILLDENOWIA, vol.48, no.3, pp.399-404, 2018 (SCI-Expanded)
- XIV. **Polygala azizsancarii (Polygalaceae), a new species from Mardin Province, SE Turkey**
Donmez A. A., UĞURLU AYDIN Z.
PHYTOTAXA, vol.340, no.3, pp.255-262, 2018 (SCI-Expanded)
- XV. **Contribution to the flora of Asian and European countries: new national and regional vascular plant records, 7**
Nobis M., Domina G., Meco M., Mullaj A., Bazan G., Ebel A. L., Kiraly G., Erst A., Nowak A., Sukhorukov A. P., et al.
BOTANY LETTERS, vol.165, no.2, pp.200-222, 2018 (SCI-Expanded)
- XVI. **Aubrieta alshehbazii (Brassicaceae), a new species from Central Turkey**
Donmez A. A., UĞURLU AYDIN Z., Koch M. A.
PHYTOTAXA, vol.299, no.1, pp.103-110, 2017 (SCI-Expanded)
- XVII. **Insight into anticholinesterase and antioxidant potential of thirty-four Rosaceae samples and phenolic characterization of the active extracts by HPLC**
EKİN H. N., GÖKBULUT A., UĞURLU AYDIN Z., Donmez A. A., ERDOĞAN ORHAN İ.
INDUSTRIAL CROPS AND PRODUCTS, vol.91, pp.104-113, 2016 (SCI-Expanded)

- XVIII. **Barcode Turkish geophytes: a new initiation for understanding biodiversity and taxonomy**
Donmez A. A., UĞURLU AYDIN Z., KOCA A.
GENOME, vol.58, no.5, pp.213, 2015 (SCI-Expanded)
- XIX. **Taxonomic and nomenclatural contributions to Pyrus L. (Rosaceae) from Turkey**
UGURLU AYDIN Z., DÖNMEZ A. A.
TURKISH JOURNAL OF BOTANY, vol.39, no.5, pp.841-850, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Pyrus demetrii (Rosaceae), a new record for Turkey, with observations on micromorphology of leaves**
UĞURLU AYDIN Z., Donmez A. A.
MODERN PHYTOMORPHOLOGY, vol.11, no.1, pp.29-33, 2017 (ESCI)

Metrics

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