

## Prof. HAYRİ DUMAN

### Personal Information

**Email:** hduman@gazi.edu.tr

**Web:** <https://avesis.gazi.edu.tr/hduman>

### International Researcher IDs

ORCID: 0000-0001-6387-8652

Yoksis Researcher ID: 7962

### Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), Turkey 1985 - 1990

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), Turkey 1982 - 1985

Undergraduate, Fırat University, Faculty Of Arts And Sciences, Biyoloji Pr., Turkey 1978 - 1982

### Research Areas

Systematic Botany

### Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, Biyoloji, 2001 - Continues

Associate Professor, Gazi University, Fen Fakültesi, Biyoloji, 1995 - 2001

Assistant Professor, Gazi University, Fen Fakültesi, Biyoloji, 1991 - 1995

Research Assistant, Gazi University, Fen Fakültesi, Biyoloji, 1982 - 1990

### Academic and Administrative Experience

Gazi University, Rektörlük, 2013 - 2013

Gazi University, Fen Fakültesi, 2008 - 2013

Gazi University, Fen Fakültesi, Biyoloji Bölümü, 2002 - 2008

Gazi University, Fen Fakültesi, Biyoloji Bölümü, 1992 - 2001

### Advising Theses

DUMAN H., Flora Of The Mollakoca Hill And Kavşak Hill (Nallıhan-Ankara) Surroundings, Postgraduate, K.NUR(Student), 2020

DUMAN H., Flora Of The Region Between Aşağı Kepen-Ertuğrul-Kurtşeyh-Buzluca (Sivrihisar-Eskişehir) Villages, Postgraduate, Y.NOYAN(Student), 2019

DUMAN H., Gypsum Flora Of İliç-Kemah (Erzincan) Surrounds, Doctorate, E.GÖKÇE(Student), 2018

DUMAN H., Researches On The Interactions Between External H<sub>2</sub>O<sub>2</sub> And No Applications And Resistance Of Cultured Eggplant, Doctorate, F.ÖCAL(Student), 2018

DUMAN H., The flora of Kaş, Postgraduate, S.SOYLU(Student), 2014

- DUMAN H., Molecular systematics and biological activities of Prangos Lindl.(Umbelliferae) species which are endemic to Turkey, Doctorate, F.ÖKE(Student), 2012
- DUMAN H., The flora of between Uluhan Döğmeci Çalcaalan (Nallıhan / Ankara) villages, Postgraduate, E.GÖKÇE(Student), 2012
- DUMAN H., Phylogenetic relationship using analysis system morphometric qaks in Kastamonu location, Doctorate, N.YİĞİT(Student), 2012
- DUMAN H., The ecophysiology of some members of halophyte chenopodiaceae family around Salt Lake, Postgraduate, F.ÖCAL(Student), 2011
- DUMAN H., Akdağ ve Cebireis Dağı (Alanya - Antalya) florası, Doctorate, B.BİLGİLİ(Student), 2010
- DUMAN H., Tamadağ florası (Kaman/Kırşehir), Postgraduate, F.ATAK(Student), 2008
- DUMAN H., THE FLORA OF THE TAMADAĞ ( KAMAN / KIRŞEHİR), Postgraduate, F.ATAK(Student), 2008
- DUMAN H., European Union and Turkish regulations on biosafety, Postgraduate, S.SOYKAN(Student), 2007
- DUMAN H., Türkiye'deki seseli L. (umbelliferae) cinsinin revizyonu, Doctorate, E.DOĞAN(Student), 2006
- DUMAN H., AÇIK L., Türkiye Sideritis L. (Labiatae) türlerinin tohum protein analizleri, Postgraduate, F.ÖKE(Student), 2006
- DUMAN H., Aydın yöresinin makrofungusları, Doctorate, H.ALLI(Student), 2005
- DUMAN H., Türkiye Ferula L. (Umbelliferae) cinsinin revizyonu, Doctorate, M.SAĞIROĞLU(Student), 2005
- DUMAN H., Cucumis sativus L.'da tuzluluğun bazı fizyolojik ve biyokimyasal parametreler üzerine etkisi, Postgraduate, G.BAYSAL(Student), 2004
- DUMAN H., ÜNAL F., Türkiye Sideritis L. (Lamiaceae) türleri üzerinde karyolojik bir araştırma, Doctorate, E.MARTİN(Student), 2003
- DUMAN H., Türkiye'nin Phlomis L. (Lamiaceae) cinsi revizyonu, Doctorate, M.YAŞAR(Student), 2002
- DUMAN H., Türkiye ballota L. (labiatae) cinsinin revizyonu, Doctorate, F.TEZCAN(Student), 2001
- DUMAN H., Doğandede Tepe ve çevresi florası (Beypazarı-ANK.), Postgraduate, M.BAŞAR(Student), 2000
- DUMAN H., Nallıhan kuş cenneti florası, Postgraduate, E.DOĞAN(Student), 2000
- DUMAN H., Karlık Tepe ve civarının (Çankırı) florası, Postgraduate, M.SAĞIROĞLU(Student), 1998
- DUMAN H., Tütünlük Tepe ve çevresinin (Çubuk-Ankara) florası, Postgraduate, M.TÜRK(Student), 1998
- DUMAN H., Ali Dağı (Talas-Kayseri) florası, Postgraduate, S.ÇELİK(Student), 1998
- DUMAN H., Otluk ve gidefi dağlarının (Akseki) flora ve vejetasyonu, Doctorate, A.DURAN(Student), 1997
- DUMAN H., Sarıçal Dağı (Nallıhan-Ankara) florası, Postgraduate, R.YILMAZ(Student), 1996
- DUMAN H., Ekşiler Köyü'nün (Silifke) florası, Postgraduate, F.TEZCAN(Student), 1995
- DUMAN H., Kuşkonan Tepesi ve çevresi florası (Ankara), Postgraduate, F.ORHAN(Student), 1995

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Biological Activities and Chemical Compositions of Prangos platychaena Boiss. Essential Oil and Fractions, Multivariate Statistical Analyses**  
Kırcı D., KILIÇ C. S., DUMAN H., DEMİRCİ B.  
ACS Omega, vol.9, no.10, pp.11217-11222, 2024 (SCI-Expanded)
- II. **Morphological features of pollen, fruits, and seeds of Turkish Cistus species (Cistaceae)**  
Şen Gökmen F., Özbek F., Duman H.  
Plant Biosystems, vol.158, no.4, pp.650-667, 2024 (SCI-Expanded)
- III. **Essential Oil Composition of Fruits of Eight Ferulago Species Growing in Türkiye and Multivariate Statistical Analyses**  
Kırcı D., DEMİRCİ B., KILIÇ C. S., GÜRBÜZ İ., DUMAN H.  
Chemistry and Biodiversity, vol.20, no.11, 2023 (SCI-Expanded)
- IV. **Ferula ermenekense (Apiaceae), an interesting new species from Southern Anatolia in the eastern Mediterranean Basin**  
SAĞIROĞLU M., DUMAN H.  
PHYTOTAXA, vol.597, no.1, pp.51-62, 2023 (SCI-Expanded)

- V. **The five *Ferulago* species inhibited cell proliferation and induced apoptosis of A549, MCF-7, PC3 and SW480 cancer cells in vitro**  
GÜRBÜZ İ., GÜNBATAN T., Bakar-Ates F., Hoti B., DUMAN H., KILIÇ C. S.  
3 Biotech, vol.13, no.5, 2023 (SCI-Expanded)
- VI. **Essential Oils of *Ferulago glareosa* Kandemir&Hedge Roots and Aerial Parts: PCA and HCA Analyses**  
KILIÇ C. S., DEMİRCİ B., Kırıcı D., DUMAN H., GÜRBÜZ İ.  
Chemistry and Biodiversity, vol.20, no.5, 2023 (SCI-Expanded)
- VII. **A new annual *Satureja* (Lamiaceae) species from Turkey with molecular evidence, and lectotypification of two species**  
DUMAN H., Dirmenci T., Özcan T.  
Turkish Journal of Botany, vol.47, no.1, pp.61-72, 2023 (SCI-Expanded)
- VIII. ***Gladiolus alanyensis* (Iridaceae), a new species from southern Turkey in the eastern Mediterranean basin**  
SAĞIROĞLU M., TEKŞEN M., DUMAN H., KARAMAN ERKUL S., Cakir E. G.  
PHYTOTAXA, vol.559, no.2, pp.145-156, 2022 (SCI-Expanded)
- IX. **Cytotoxic Effects of Some *Nepeta* Species against Breast Cancer Cell Lines and Their Associated Phytochemical Properties**  
Safak E. K., ŞEKER KARATOPRAK G., DİRMENCİ T., DUMAN H., Kucukboyaci N.  
PLANTS-BASEL, vol.11, no.11, 2022 (SCI-Expanded)
- X. **In Vitro Enzyme Inhibitory Activity of Ten *Ferulago* W. Koch Species Growing in Turkey**  
Akkol E., Günbatan T., Gürbüz İ., Duman H., Kılıç C. S., İlhan M.  
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, vol.65, pp.1-11, 2022 (SCI-Expanded)
- XI. ***Astragalus oksutdagensis* (Fabaceae), a new species from Turkey**  
Erkul S. K., DUMAN H., ATEŞ M. A.  
NORDIC JOURNAL OF BOTANY, vol.2022, no.3, 2022 (SCI-Expanded)
- XII. **Anatomical and Phytochemical Characteristics of Different Parts of *Hypericum scabrum* L. Extracts, Essential Oils, and Their Antimicrobial Potential**  
Ergin K. N., KARAKAYA S., Goeger G., Sytar O., DEMİRCİ B., DUMAN H.  
MOLECULES, vol.27, no.4, 2022 (SCI-Expanded)
- XIII. ***Tripleurospermum eskilensis* (Asteraceae): a new halophytic species from Central Anatolia, Turkey**  
TEKŞEN M., KARAMAN ERKUL S., DUMAN H., ATEŞ M. A., SAĞIROĞLU M.  
TURKISH JOURNAL OF BOTANY, vol.46, no.2, pp.160-176, 2022 (SCI-Expanded)
- XIV. **Molecular phylogenetic analysis resolving the taxonomic discrepancies among *Salix* L. species naturally found in Turkey**  
Acar P., ÖZDEMİR DEĞİRMENCİ F., DUMAN H., KAYA Z.  
DENDROBIOLOGY, vol.87, pp.13-26, 2022 (SCI-Expanded)
- XV. **Phylogeography and phylogeny of genus *Quercus* L. (Fagaceae) in Turkey implied by variations of trnT((UGU))-L-(UAA)-F ((GAA)) chloroplast DNA region**  
Tekpınar A., AKTAŞ C., Kansu C., DUMAN H., KAYA Z.  
TREE GENETICS & GENOMES, vol.17, no.5, 2021 (SCI-Expanded)
- XVI. **A new species of *Centaurea* (Asteraceae) from northern Turkey**  
Duman H., Uzunhisarcıklı M. E., Bahadır Y. N.  
NORDIC JOURNAL OF BOTANY, vol.39, no.10, pp.1-8, 2021 (SCI-Expanded)
- XVII. **Profiling cosmeceutical effects of various herbal extracts through elastase, collagenase, tyrosinase inhibitory and antioxidant assays**  
ŞENOL DENİZ F. S., ERDOĞAN ORHAN İ., DUMAN H.  
PHYTOCHEMISTRY LETTERS, vol.45, pp.171-183, 2021 (SCI-Expanded)
- XVIII. **Resurrection of *Lamium ponticum* (Lamiaceae) with a new subspecies, *Lamium ponticum* subsp. *atolicum*, from Turkey**  
Celep F., KARAER F., DUMAN H.  
PHYTOTAXA, vol.511, no.1, pp.71-76, 2021 (SCI-Expanded)

- XIX. **The cytotoxic and apoptotic effects of *Ferulago W. Koch* extracts on various cancer cell lines**  
Bakar-Ates F., Hoti B., GÜRBÜZ İ., GÜNBATAN T., DUMAN H., KILIÇ C. S.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.46, no.3, pp.281-291, 2021 (SCI-Expanded)
- XX. **A new *Gladiolus* (Iridaceae) species from East Anatolia (Turkey): *Gladiolus hamzaoglui***  
TEKŞEN M., DUMAN H., SAĞIROĞLU M.  
PHYTOTAXA, vol.496, no.3, pp.245-260, 2021 (SCI-Expanded)
- XXI. **Morphology of pollen in *Ferula* genus (Apiaceae)**  
BAŞER B., SAĞIROĞLU M., DOĞAN G., DUMAN H.  
PHYTOKEYS, vol.179, no.179, pp.111-128, 2021 (SCI-Expanded)
- XXII. ***Anthemis ekicii* (Asteraceae), a new species from Turkey**  
Özbek M. U., Duman H., Özbek F., Aytaç Z.  
Turkish Journal Of Botany, vol.45, pp.59-68, 2021 (SCI-Expanded)
- XXIII. ***Ranunculus aydogdui* (Ranunculaceae), a new species from Turkey**  
KARAMAN ERKUL S., TEKŞEN M., DUMAN H.  
NORDIC JOURNAL OF BOTANY, vol.39, no.1, 2021 (SCI-Expanded)
- XXIV. ***Muscari muglaensis* (Asparagaceae, Scilloideae), a new species from southwestern Anatolia**  
Eker I., DUMAN H., YILDIRIM H.  
PHYTOTAXA, vol.475, no.4, pp.267-278, 2020 (SCI-Expanded)
- XXV. ***Hypericum alacamdaglariense* (Hypericaceae), a new species from Turkey**  
DUMAN H., Cakir-Dindar E. G.  
PHYTOTAXA, vol.470, no.2, pp.176-185, 2020 (SCI-Expanded)
- XXVI. ***Allium shahinii*: a new species of *A. sect. Scorodon* (Amaryllidaceae) from Turkey**  
EKŞİ G., DUMAN H.  
PHYTOTAXA, vol.461, no.3, pp.195-203, 2020 (SCI-Expanded)
- XXVII. **A new species of *Verbascum* (Scrophulariaceae) from western Turkey**  
DUMAN H., UZUNHİSARCIKLI M. E., ÖZBEK F.  
BOTANY LETTERS, vol.167, no.4, pp.409-416, 2020 (SCI-Expanded)
- XXVIII. **The natural phenolic compounds and their antioxidant and anticholinesterase potential of herb *Leiotulus dasyanthus* (K. Koch) Pimenov & Ostr.**  
KARAKAYA S., KOCA M., Sytar O., DUMAN H.  
NATURAL PRODUCT RESEARCH, vol.34, no.9, pp.1303-1305, 2020 (SCI-Expanded)
- XXIX. **Anti-inflammatory Activity of Sesquiterpene Lactones from *Chrysophthalmum montanum* (DC.) Boiss**  
Ayaz F., AKKOL E., Goren N., ÇALIŞ İ., Dereli F. T. G., DUMAN H., Choudhary M. I., Kucukboyaci N.  
RECORDS OF NATURAL PRODUCTS, vol.14, no.1, pp.48-56, 2020 (SCI-Expanded)
- XXX. ***Astragalus aybarsii* a new species of *sect. Onobrychoidei* DC. (fabaceae) from Turkey**  
DUMAN H., AYTAÇ Z., ÖZBEK F.  
Turkish Journal of Botany, vol.44, no.6, pp.661-669, 2020 (SCI-Expanded)
- XXXI. **Determination of natural phenolic compounds of *Ferula longipedunculata* Pesmen and assessment their antioxidant and anticholinesterase potentials**  
KARAKAYA S., KOCA M., Sytar O., DUMAN H.  
NATURAL PRODUCT RESEARCH, 2019 (SCI-Expanded)
- XXXII. **Bioassay-guided isolation of cytotoxic compounds from *Chrysophthalmum montanum* (DC.) Boiss**  
Ayaz F., Kucukboyaci N., GÖREN N., ÇALIŞ İ., Aydinlik S., Ulukaya E., DUMAN H., Choudhary M. I.  
FOOD AND CHEMICAL TOXICOLOGY, vol.125, pp.10-20, 2019 (SCI-Expanded)
- XXXIII. **Comparison of Essential Oils of *Ferulago pachyloba* (Fenzl) Boiss., *F. trachycarpa* Boiss. and *F. bracteata* Boiss. & Hausskn. Species (Apiaceae) Growing in Turkey and Determination of Their Antimicrobial Activities**  
KARAKAYA S., Simsek D., GÖGER G., DEMİRCİ B., DUMAN H., ALTANLAR N., KILIÇ C. S.  
JOURNAL OF ESSENTIAL OIL BEARING PLANTS, vol.22, no.1, pp.200-213, 2019 (SCI-Expanded)
- XXXIV. **Molecular data to elucidate the taxonomy of *Seseli* *sect. Seseli* (Apiaceae) in east Mediterranean and southern Europe**

- Lyskov D., Guner E., Samigullin T., DUMAN H., Pimenov M.  
NORDIC JOURNAL OF BOTANY, vol.36, no.9, 2018 (SCI-Expanded)
- XXXV. **Anticholinesterase Activity of Extracts and Isolated Coumarins from Roots of *Ferulago blancheana*, *F. pachyloba*, *F. trachycarpa* and *F. bracteata***  
KARAKAYA S., KOCA M., Okuyucu M. B., Kilic C. S., ÖZBEK H., GÜVENALP Z., DUMAN H., KAZAZ C.  
LATIN AMERICAN JOURNAL OF PHARMACY, vol.37, no.7, pp.1457-1462, 2018 (SCI-Expanded)
- XXXVI. **alpha-Amylase and alpha-glucosidase inhibitory activities of the extracts and constituents of *Ferulago blancheana*, *F. pachyloba* and *F. trachycarpa* roots**  
KARAKAYA S., ÖZBEK H., GÖZCÜ S., GÜVENALP Z., YUCA H., DUMAN H., KAZAZ C., KILIÇ C. S.  
BANGLADESH JOURNAL OF PHARMACOLOGY, vol.13, no.1, pp.35-40, 2018 (SCI-Expanded)
- XXXVII. **Two new species of *Allium* L. sect. *Allium* (Amaryllidaceae) from Turkey**  
DUMAN H., EKŞİ G., ÖZBEK F.  
PLANT SYSTEMATICS AND EVOLUTION, vol.303, no.9, pp.1271-1291, 2017 (SCI-Expanded)
- XXXVIII. **A new species of *Micromeria* (Lamiaceae) from Koycegiz (Mugla, southwest of Turkey)**  
DUMAN H., DİRMENCİ T.  
TURKISH JOURNAL OF BOTANY, vol.41, no.4, pp.383-394, 2017 (SCI-Expanded)
- XXXIX. ***Peucedanum guvenianum* (Apiaceae), a new species from West Anatolia, Turkey**  
YILDIRIM H., DUMAN H.  
TURKISH JOURNAL OF BOTANY, vol.41, no.6, pp.600-608, 2017 (SCI-Expanded)
- XL. **A new species of *Cirsium* sect. *Epitrachys* (Asteraceae: Cardueae) from the south of Turkey**  
DUMAN H., TUGAY O., DİRMENCİ T., ERTUĞRUL K.  
TURKISH JOURNAL OF BOTANY, vol.41, no.4, pp.375-383, 2017 (SCI-Expanded)
- XLI. ***Verbascum mughlaeum* (Scrophulariaceae), a new species from SW Anatolia, Turkey**  
DUMAN H., Uzunhisarcikli M. E., Tan K.  
PHYTOTAXA, vol.291, no.3, pp.231-236, 2017 (SCI-Expanded)
- XLII. **A new species from Turkey, *Silene bilgilii* (Caryophyllaceae)**  
Guner E., DUMAN H.  
PHYTOTAXA, vol.246, no.4, pp.293-299, 2016 (SCI-Expanded)
- XLIII. ***Dichoropetalum alanyensis* (Apiaceae), a new species from South Anatolia, Turkey**  
BİLGİLİ B., SAĞIROĞLU M., ŞEKER M., DUMAN H.  
TURKISH JOURNAL OF BOTANY, vol.40, no.2, pp.201-209, 2016 (SCI-Expanded)
- XLIV. **Seasonal changes of inorganic and organic osmolyte content in three endemic *Limonium* species of Lake Tuz (Turkey)**  
BAYSAL FURTANA G., DUMAN H., TIPIRDAMAZ R.  
TURKISH JOURNAL OF BOTANY, vol.37, no.3, pp.455-463, 2013 (SCI-Expanded)
- XLV. **A new species of *Bellevalia* (Hyacinthaceae) from Turkey**  
UZUNHİSARCIKLI M. E., DUMAN H., YILMAZ S.  
TURKISH JOURNAL OF BOTANY, vol.37, no.4, pp.651-655, 2013 (SCI-Expanded)
- XLVI. **A MOLECULAR PHYLOGENETIC STUDY ON SOME TURKISH *FERULA* L. (APIACEAE) SPECIES USING nrDNA ITS SEQUENCES**  
Elibol Z., MENEMEN Y., SAĞIROĞLU M., DUMAN H.  
PAKISTAN JOURNAL OF BOTANY, vol.44, no.2, pp.589-594, 2012 (SCI-Expanded)
- XLVII. ***Verbascum hasbenlii* (Scrophulariaceae), a new species from Turkey**  
AYTAÇ Z., DUMAN H.  
TURKISH JOURNAL OF BOTANY, vol.36, no.4, pp.322-327, 2012 (SCI-Expanded)
- XLVIII. **Antioxidant secondary metabolites from *Geranium lasiopus* Boiss. & Heldr.**  
ŞÖHRETOĞLU D., Sakar M. K., SABUNCUOĞLU S., Ozgunes H., DUMAN H., Sterner O.  
NATURAL PRODUCT RESEARCH, vol.26, no.13, pp.1261-1264, 2012 (SCI-Expanded)
- XLIX. **Cycloartane glycosides from *Astragalus stereocalyx* Bornm.**  
YALÇIN F. N., Piacente S., Perrone A., Capasso A., DUMAN H., ÇALIŞ İ.  
PHYTOCHEMISTRY, vol.73, pp.119-126, 2012 (SCI-Expanded)

- L. **A new genus and three new species from Central Anatolia, Turkey**  
Vural M., DUMAN H., AYTAÇ Z., Adiguzel N.  
TURKISH JOURNAL OF BOTANY, vol.36, no.5, pp.427-433, 2012 (SCI-Expanded)
- LI. **Pollen morphology of the genus *Seseli* L. (Umbelliferae) in Turkey**  
Guner E., DUMAN H., PINAR N. M.  
TURKISH JOURNAL OF BOTANY, vol.35, no.2, pp.175-182, 2011 (SCI-Expanded)
- LII. ***Ferula brevipedicellata* and *F. duranii* (Apiaceae), two new species from Anatolia, Turkey**  
SAĞIROĞLU M., DUMAN H.  
ANNALES BOTANICI FENNICI, vol.47, no.4, pp.293-300, 2010 (SCI-Expanded)
- LIII. **Taxonomic studies on the genus *Rhabdosciadium* (Apiaceae) with particular reference to Turkish species and their relationships with some closely related genera**  
DURAN A., Dogan B., DUMAN H., Martin E., Ozturk M., Cetin O.  
BIOLOGIA, vol.65, no.3, pp.451-458, 2010 (SCI-Expanded)
- LIV. **Comparison of the Essential Oils From Fruits and Roots of *Prangos denticulata* Fisch et Mey. Growing in Turkey**  
Kilic C. S., COŞKUN M., DUMAN H., Demirci B., BAŞER K. H. C.  
JOURNAL OF ESSENTIAL OIL RESEARCH, vol.22, no.2, pp.170-173, 2010 (SCI-Expanded)
- LV. **Investigations of anti-inflammatory, antinociceptive, antioxidant and aldose reductase inhibitory activities of phenolic compounds from *Sideritis brevibracteata***  
GÜVENÇ A., Okada Y., AKKOL E., DUMAN H., Okuyama T., Calis I.  
FOOD CHEMISTRY, vol.118, no.3, pp.686-692, 2010 (SCI-Expanded)
- LVI. **Morphological and anatomical studies of annual taxa of *Sideritis* L. (Lamiaceae), with notes on chorology in Turkey**  
Guvenc A., DUMAN H.  
TURKISH JOURNAL OF BOTANY, vol.34, no.2, pp.83-104, 2010 (SCI-Expanded)
- LVII. ***Reseda globulosa* (Resedaceae): a new record for the flora of Turkey**  
AYTAÇ Z., DUMAN H.  
TURKISH JOURNAL OF BOTANY, vol.34, no.2, pp.137-139, 2010 (SCI-Expanded)
- LVIII. **Karyological studies on section *Empedoclia* of *Sideritis* (Lamiaceae) from Turkey**  
Esra M., DUMAN H., ÜNAL F.  
CARYOLOGIA, vol.62, no.3, pp.180-197, 2009 (SCI-Expanded)
- LIX. ***Limonium gueneri* (Plumbaginaceae), a new species from Turkey**  
Doagan M., DUMAN H., AKAYDIN G.  
ANNALES BOTANICI FENNICI, vol.45, no.5, pp.389-393, 2008 (SCI-Expanded)
- LX. **Karyological studies of five taxa of *Sideritis* L. (Lamiaceae) section *Hesiodia* Benth. from Turkey**  
Esra M., DUMAN H., ÜNAL F.  
CARYOLOGIA, vol.61, no.2, pp.115-122, 2008 (SCI-Expanded)
- LXI. ***Centaurea yaltirikii* sp nov (Asteraceae, C. sect. *Pseudoseridia*) from Turkey**  
AKSOY N., DUMAN H., Efe A.  
NORDIC JOURNAL OF BOTANY, vol.26, pp.53-56, 2008 (SCI-Expanded)
- LXII. ***Giemsa C*-banding analysis of *Sternbergia lutea* (L.) Ker-Gawl. ex Sprengel and *S. sicula* Tineo ex Guss. from Turkey**  
YÜZBAŞIOĞLU D., ÜNAL F., DUMAN H.  
Cytologia, vol.62, no.1, pp.1-6, 1997 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Improvement of the Antioxidant Mechanism by Exogenous H<sub>2</sub>O<sub>2</sub> in Two genotypes of Eggplant (*Solanum melongena* L.) Under Salt Stress**  
ÖCAL ÖZDAMAR F., DUMAN H., TIPIRDAMAZ R.

JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, vol.7, no.4, pp.465-471, 2022 (Peer-Reviewed Journal)

- II. **Astragalus oksutdagensis'in tohum canlılığı, çimlenme ve yetiştirme özellikleri**  
Baysal Furtana G., Öcal Özdamar F., Duman H.  
Türler ve Habitatlar, vol.3, no.2, pp.110-118, 2022 (Peer-Reviewed Journal)
- III. **H<sub>2</sub>O<sub>2</sub> and NO mitigate salt stress by regulating antioxidant enzymes in in two eggplant (Solanum melongena L.) genotypes**  
ÖCAL ÖZDAMAR F., BAYSAL FURTANA G., TIPIRDAMAZ R., DUMAN H.  
Toprak Su Dergisi, vol.11, no.1, pp.1-6, 2022 (Peer-Reviewed Journal)
- IV. **Cistus × florentinus Lam. (Cistaceae): Türkiye Florası İçin Yeni Bir Melez Kaydı**  
ŞEN GÖKMEN F., DUMAN H.  
Bağbahçe Bilim Dergisi, vol.8, no.3, pp.30-40, 2021 (Peer-Reviewed Journal)
- V. **Carbonic Anhydrase Isoenzymes I and II Inhibition Potentials of Leiotulus dasyanthus (K. Koch) Pimenov&Ostr. and Ferulago pauciradiata Boiss.&Heldr. (Apiaceae)**  
KARAKAYA S., Bingol Z., GÜLÇİN İ., Delimustafaoglu F., DUMAN H., KILIÇ C. S.  
BEZMIALEM SCIENCE, vol.9, no.2, pp.153-157, 2021 (ESCI)
- VI. **Aşağı Kepen-Ertuğrul-Kurtseyh-Buzluca (Sivrihisar-Eskişehir, Türkiye) Köyleri Arasının Florası**  
BAHADIR Y. N., DUMAN H.  
Bağbahçe Bilim Dergisi, vol.8, no.1, pp.239-258, 2021 (Peer-Reviewed Journal)
- VII. **A new natural hybrid of Verbascum L. (Scrophulariaceae) from Turkey**  
DUMAN H., UZUNHİSARCIKLI M. E., ÖZBEK F.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.34, pp.937-946, 2021 (Scopus)
- VIII. **Türkiye'den Yeni Bir Köygöçüren [Cirsium Mill. (Papatyagiller / Asteraceae)] Türü ve Cinsin Şüpheli Bir Türünün Yeniden Keşfi**  
DİRMENCİ T., DUMAN H., ARABACI T.  
Bağbahçe Bilim Dergisi, vol.7, no.3, pp.35-44, 2020 (Peer-Reviewed Journal)
- IX. **İliç-Kemah (Erzincan) Jips Florası**  
ÇAKIR DİNDAR E. G., DUMAN H.  
Bağbahçe Bilim Dergisi, vol.7, no.1, pp.16-46, 2020 (Peer-Reviewed Journal)
- X. **Chemical and antimicrobial characterization of essential oils obtained from aerial part, root and fruit of Ferulago longistylis Boiss., an endemic species**  
DEMİRCİ B., Dılmaç E., KIRCI D., DEMİRCİ F., KILIÇ C. S., DUMAN H., GÜRBÜZ İ.  
Natural Volatiles and Essential Oils, vol.7, no.1, pp.18-25, 2020 (Scopus)
- XI. **In vitro Antimicrobial Evaluation of Ferulago sandrasica Peşmen Quézel Herba and Root Essential Oil**  
SUCU M., KIRCI D., DEMİRCİ B., DUMAN H., KILIÇ C. S., GÜRBÜZ İ.  
Natural Volatiles and Essential Oils, vol.6, no.4, pp.13-20, 2019 (Scopus)
- XII. **Effect of Extracts of the Aerial Parts and Roots from Four Ferulago Species on Erectile Dysfunction in Rats with Streptozotocin-Induced Diabetes**  
KARAKAYA S., YILMAZ ORAL D., Gur S., DUMAN H., KILIÇ C. S.  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.16, no.3, pp.317-325, 2019 (ESCI)
- XIII. **Comparison of the Essential Oils of Ferula orientalis L., Ferulago sandrasica Pesmen and Quezel, and Hippomarathrum microcarpum Petrov and Their Antimicrobial Activity**  
KARAKAYA S., GÖGER G., Bostanlık F. D., DEMİRCİ B., DUMAN H., KILIÇ C. S.  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.16, no.1, pp.69-75, 2019 (ESCI)
- XIV. **EFFECT OF HELIOTROPIUM HIRSUTISSIMUM, HELIOTROPIUM DOLOSUM AND HELIOTROPIUM LASIOCARPUM METHANOLIC EXTRACTS IN PENTYLENTETRAZOL INDUCED CONVULSIONS ON MICE**  
ARIHAN O., KARAKAYA S., KILIÇ C. S., ERGÜL ERKEÇ Ö., KARA M., DUMAN H.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.42, no.3, pp.13-19, 2018 (Scopus)
- XV. **Cytotoxic, Phytotoxic and Insecticidal Activities of Chrysophthalmum montanum (DC.) Boiss**  
AYAZ F., Kucukboyaci N., DUMAN H., Sener B., Choudhary M. I.

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.14, no.3, pp.290-293, 2017 (ESCI)

- XVI. **Identification and quantification of coumarins in four *Ferulago* species (Apiaceae) growing in Turkey by HPLC-DAD**  
KARAKAYA S., ÖZBEK H., GÜVENALP Z., DUMAN H., KAZAZ C., KILIÇ C. S.  
Journal of Allied Pharmaceutical Sciences, vol.1, no.1, pp.35-42, 2017 (Peer-Reviewed Journal)
- XVII. **Evaluation of the antioxidant potential and chlorogenic acid contents of three endemic sideritis Taxa from Turkey**  
GÖKBULUT A., YAZGAN EKİCİ A. N., DUMAN H., SEVER YILMAZ B.  
Fabad Journal of Pharmaceutical Sciences, vol.2, pp.81-86, 2017 (Scopus)
- XVIII. **Comparative evaluation of total carotenoid/phenolic contents, chlorogenic acid/rutin profiles, and antioxidant properties of two *Prangos* species (*P. uechtritzi* and *P. pabularia*)**  
ÖKE ALTUNTAŞ F., ASLIM B., DUMAN H., KARTAL M.  
International Journal of Pharmacy and Pharmaceutical Sciences, vol.8, no.1, pp.284-288, 2016 (Peer-Reviewed Journal)
- XIX. **Comparative Evaluation of Total Phenolic/Carotenoid Contents, Chlorogenic Acid/Rutin Profiles, And Antioxidant Properties of Two *Prangos* Species (*P. Uechtritzi* And *P. Pabularia*).**  
Öke Altuntaş F., Aslım B., Duman H., Kartal M.  
International Journal of Pharmacy and Pharmaceutical Sciences, vol.8, no.1, pp.284-288, 2016 (Peer-Reviewed Journal)
- XX. **Nallıhan Ankara kuş cenneti florası**  
DOĞAN GÜNER E., DUMAN H.  
Ot Sistematiği Botanik Dergisi, vol.13, no.2, pp.91-114, 2006 (Peer-Reviewed Journal)
- XXI. **The Genus *Sternbergia* (Amaryllidaceae) in Turkey.**  
DUMAN H., KOYUNCU M., ÜNAL F.  
The Karaca Arboretum, vol.6, no.3, pp.115-130, 2002 (Peer-Reviewed Journal)
- XXII. ***Ekimia* a new genus of Umbelliferae and two new taxa of *Prangos* Lindl Umbelliferae from Southern Turkey**  
DUMAN H., MF W.  
Edinburgh Journal of Botany, vol.56, no.2, pp.199-201, 1999 (Scopus)
- XXIII. **Karyotypic study in *Allium enginii* N. Özhatay and B. Mathew.**  
ÜNAL F., DUMAN H., ÖZHATAY F. N.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.10, no.4, pp.515-521, 1997 (ESCI)
- XXIV. **Some New Taxa of *Astragalus* L and comments on Turkish *Caragana* Lam**  
Tuna E., AYTAÇ Z., DUMAN H.  
Thaiszia, vol.1, pp.17-29, 1991 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Karol S Suludere Z Ayvalı C Aktaş M Ayvaz Y Polat N Atak Ç Albayrak İ Aytaç Z Duman H Ünal F Kıyak S Açık L Kalender Y Candan S B**  
Aktaş M., Ayvaz Y., Polat N., Atak Ç., Albayrak P. D. İ., Duman H., Aytaç Z., Ünal F., Kıyak S., Açık L., et al.  
Atatürk Kültür, Dil ve Tarih Yüksek Kurumu, Türk Dil Kurumu Yayınları, Ankara, 2010
- II. **Türkiye Bitkileri Kırmızı Kitabı**  
EKİM T., KOYUNCU M., VURAL M., DUMAN H., AYTAÇ Z., ADIGÜZEL N.  
Türkiye Tabiatını Koruma Derneği, Ankara, 2000
- III. **TÜRKİYE BİTKİLERİ KIRMIZI KİTABI**  
EKİM T., KOYUNCU M., VURAL M., DUMAN H., AYTAÇ Z., ADIGÜZEL N.  
BARIŞCAN OFSET, Ankara, 2000



## Refereed Congress / Symposium Publications in Proceedings

- I. **Türkiye'deki Cistus L. (Cistaceae) Cinsinin Polen Morfolojisi**  
ŞEN GÖKMEN F., ÖZBEK F., DUMAN H.  
16. Uluslararası Bilimsel Araştırmalar Kongresi, Ankara, Turkey, 11 - 12 March 2023
- II. **H2O2 and NO effect some physiological parameters in two genotypes of eggplant (Solanum melongena L.)**  
ÖCAL ÖZDAMAR F., BAYSAL FURTANA G., TIPIRDAMAZ R., DUMAN H.  
4th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2021), Ankara, Turkey, 24 November 2021
- III. **In vitro enzyme inhibitory activity of three Ferulago species growing in Turkey**  
GÜNBATAN T., İLHAN M., AKKOL E., GÜRBÜZ İ., DUMAN H., KILIÇ C. S.  
The 5th International Mediterranean Symposium on Medicinal and Aromatic Plants, Nevşehir, Turkey, 24 - 26 April 2019
- IV. **CYTOTOXICITY GUIDED FRACTIONATION STUDIES ON FERULAGO SYRIACA ROOTS AGAINST VARIOUS CANCER CELL LINES**  
Sucu M., Hoti B., GÜNBATAN T., BAKAR ATEŞ F., GÜRBÜZ İ., BEDİR E., DUMAN H., KILIÇ C. S.  
The 5th International Mediterranean Symposium on Medicinal and Aromatic Plants, Turkey, 24 - 26 April 2019
- V. **CYTOTOXICITY GUIDED FRACTIONATION STUDIES ON FERULAGO MACROSCIADIA ROOTS AGAINST A549, MCF-7, PC3 AND SW480 CANCER CELL LINES**  
Dilmaç E., Hoti B., BAKAR ATEŞ F., GÜRBÜZ İ., GÜNBATAN T., BEDİR E., DUMAN H., KILIÇ C. S.  
The 5th International Mediterranean Symposium on Medicinal and Aromatic Plants, Nevşehir, Turkey, 24 - 26 April 2019
- VI. **In vitro cytotoxicity and in silico mutagenicity assessments of the isolated compounds from Sideritis germanicopolitana Bornm. subsp. Germanicopolitana**  
Karpuz B., Ayaz F., Emerce E., Şener B., Çalış İ., Duman H., Choudhary M. I., Küçükboyacı N.  
The 5th International Mediterranean Symposium on Medicinal and Aromatic Plants, Nevşehir, Turkey, 24 - 26 April 2019
- VII. **Morphologic Revision of Four Allium L. Species in Turkey. 12th ISOPS (International Symposium on Pharmaceutical Sciences), Ankara, Turkey, 26-29 June.**  
EKŞİ G., KOYUNCU M., DUMAN H., GENÇLER ÖZKAN A. M.  
12th ISOPS (International Symposium on Pharmaceutical Sciences), 26 - 29 June 2018
- VIII. **Anticancer Activity and Essential Oil Composition of Seseli petraeum M. Bieb. (Apiaceae)**  
ÖNDER A., ÇINAR A. S., BAKAR ATEŞ F., CARBONELLBARRACHINA A. A., DUMAN H.  
3rd International Symposium on Phytochemicals in Medicine and Food, Kunming, China, 25 August 2018 - 30 August 2018, pp.219
- IX. **Cytotoxic Activity of Ethanolic Extract and Some Fractions of the Roots of Ferulago Macrosciadia Boiss Balansa Against SW480 and MCF-7 Cancer Cell Lines**  
GÜNBATAN T., BAKAR ATEŞ F., GÜRBÜZ İ., KILIÇ C. S., KARAKÜÇÜK M., DUMAN H.  
12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018, pp.191
- X. **Anticancer effect of extracts and isolated compounds from the roots of Ferulago pachyloba (Fenzl) Boiss., (Apiaceae) on cancer cell proliferation**  
KARAKAYA S., BAKAR ATEŞ F., KILIÇ C. S., DUMAN H.  
12th International Symposium on Pharmaceutical Sciences (ISOPS), 26 - 29 June 2018
- XI. **Anticancer effect of extracts and isolated compounds from the roots of Ferulago blancheana Post Ex Boiss. (Apiaceae) on cancer cell proliferation**  
KARAKAYA S., BAKAR ATEŞ F., KILIÇ C. S., DUMAN H.  
12th International Symposium on Pharmaceutical Sciences (ISOPS), 26 - 29 June 2018
- XII. **Bioassay-guided isolation and identification of anti-inflammatory sesquiterpene lactones from Chrysophthalmum montanum (DC.) Boiss.**  
AYAZ F., AKKOL E., GÖREN N., ÇALIŞ İ., GÜRAĞAÇ F. T., DUMAN H., Choudhary M. I., KÜÇÜKBOYACI N.

12th International Symposium on Pharmaceutical Sciences (ISOPS-12), 26 - 29 June 2018

- XIII. **Ferulago sylvatica (Besser) Reichb. ve Ferulago humilis Boiss. Kköklerinin SW480 ve PC-3 Kanser Hücreleri Üzerindeki Sitotoksik Aktivitesi**  
Hoti B., BAKAR ATEŞ F., Karaküçük M., GÜNBATAN T., KILIÇ C. S., GÜRBÜZ İ., DUMAN H.  
XXIII. Bitkisel ilaç hammaddeleri toplantısı, Antalya, Turkey, 9 - 12 May 2018
- XIV. **Evaluation of Biological Activities of the Genus Chrysophthalmum Growing in Turkey**  
AYAZ F., BANİ B., DUMAN H., JABEEN A., Choudhary M. I., KÜÇÜKBOYACI N.  
1st International Congress on Plant Biology (IconPB), 10 - 12 May 2018
- XV. **X-Ray Crystallographic Data of Sesquiterpene Lactones From Chrysophthalmum montanum Origin From Turkey**  
AYAZ F., GOREN N., ÇALIŞ İ., DUMAN H., YOUSUF S., Choudhary M. I., KÜÇÜKBOYACI N.  
4th International Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-4), 18 - 22 April 2018
- XVI. **Türkiye’de Yetişen Chrysophthalmum Schultz Bıp. Türleri Üzerinde Farmakognozik Araştırmalar**  
AYAZ F., KÜÇÜKBOYACI N., Gören N., ÇALIŞ İ., Aydınlık Ş., ULUKAYA E., DUMAN H., BANİ B., Yousuf S., Choudhary M. I.  
XXIII. Bitkisel İlaç Hammaddeleri Toplantısı (BİHAT 2018), Turkey, 9 - 12 April 2018
- XVII. **Cytotoxic Activity of Ethanolic Extracts of the Roots of some Ferulago W. Koch species Against SW480, PC-3 and MCF-7 Cancer Cell Lines**  
BAKAR ATEŞ F., GÜNBATAN T., KILIÇ C. S., GÜRBÜZ İ., DUMAN H.  
2.İnternational Gazi Pharmacy Symposium, 11 - 13 October 2017
- XVIII. **Assessment of Antiinflammatory and Antinociceptive Effects of Nepeta isaurica Boiss. Heldr. Using in vivo Models and Analysis of Its Phytochemical Composition with LC-MS/MS**  
KÖNGÜL E., AKKOL E., ŞEKER KARATOPRAK G., DUMAN H., KÜÇÜKBOYACI N., BAŞKAL G.  
2nd International Gazi Pharma Symposium Series (GPSS-2017), Ankara, Turkey, 11 - 13 October 2017
- XIX. **CYTOTOXIC ACTIVITY OF ETHANOLIC EXTRACTS OF THE ROOTS OF SOME FERULAGO W. KOCH SPECIES AGAINST SW480, PC-3 AND MCF-7 CANCER CELL LINES**  
BAKAR F., GÜNBATAN T., KILIÇ C. S., GÜRBÜZ İ., DUMAN H.  
2nd International Gazi Pharma Symposium Series, 11 - 13 October 2017, pp.347
- XX. **Antimicrobial activities of extracts and coumarins isolated from Ferulago pachyloba growing in Turkey**  
KARAKAYA S., ŞİMŞEK D., ÖZBEK H., YUCA H., GÜVENALP Z., ALTANLAR N., DUMAN H., KILIÇ C. S.  
3rd International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST 2017), 10 - 13 September 2017
- XXI.  **$\alpha$ -Amylase and  $\alpha$ -glucosidase inhibitory and antimicrobial activities of Ferulago blancheana and F. trachycarpa**  
KARAKAYA S., ÖZBEK H., ŞİMŞEK D., GÖZCÜ S., GÜVENALP Z., YUCA H., ALTANLAR N., KAZAZ C., DUMAN H., KILIÇ C. S.  
3rd International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST 2017), 10 - 13 September 2017
- XXII.  **$\alpha$ -Amylase and  $\alpha$ -glucosidase inhibitory and antimicrobial activities of Ferulago blancheana and F. trachycarpa**  
KARAKAYA S., ÖZBEK H., ŞİMŞEK D., GÖZCÜ S., GÜVENALP Z., YUCA H., ALTANLAR N., KAZAZ C., DUMAN H., KILIÇ C. S.  
3rd International Turkic World Conference on Chemical Sciences Technologies, 10 - 13 September 2017
- XXIII. **Rediscovery of Tordylium ebracteatum**  
DUMAN H., EKİCİ M., ÇAKIR E. G.  
Ecology Symposium 2017, 11 - 13 May 2017, pp.741
- XXIV. **Erysimum rhodium, a New Record for Turkey**  
DUMAN H., EKİCİ M., ÇAKIR E. G.  
ECOLOGY SYMPOSIUM 2017, 11 - 13 May 2017, pp.561
- XXV. **In vitro antileishmanial effects of sesquiterpene lactones from Chrysophthalmum montanum (DC.)**

**Boiss.**

AYAZ F., KÜÇÜKBOYACI N., GÖREN N., ÇALIŞ İ., DUMAN H., Choudhary M. I.

1st International Congress on Medicinal and Aromatic Plants, 9 - 12 May 2017

**XXVI. Phytotoxic, Cytotoxic and Insecticidal Activities of *Chrysophthalmum montanum* (DC.) Boiss.**

AYAZ F., KÜÇÜKBOYACI N., DUMAN H., ŞENER B.

1st International Congress on Medicinal and Aromatic Plants (TABKON-2017), May 10-12, 2017 Konya-Turkey, Konya, Turkey, 10 - 12 May 2017

**XXVII. Diterpenoids from *Sideritis germanicopolitana* Bornm. subsp. *germanicopolitana***

KÜÇÜKBOYACI N., AYAZ F., Ersoy M. B., ÇALIŞ İ., DUMAN H., Choudhary M. I.

International Symposium on Advances in Lamiaceae Science, 26 - 29 April 2017

**XXVIII. Assessment of Anti-inflammatory and Antinociceptive effects of *Nepeta isaurica* Boiss. Heldr. Using in vivo Models and Analysis of its Phytochemical Composition with LC-MS/MS Analysis**

KONGUL E., AKKOL E., ŞEKER KARATOPRAK G., DUMAN H., KÜÇÜKBOYACI N.

2nd Gazi Pharma Symposium Series, 11 - 13 January 2017

**XXIX. Prangos *ilanae* ve Prangos *platychoena* subsp. *engizekensis* Türlerinin Meyve ve Yapraklarına Ait Çeşitli Ekstraktlarının Klorojenik asit ve Rutin Profilleri**

ÖKE ALTUNTAŞ F., ASLIM B., DUMAN H.

III. Ulusal Botanik Kongresi, Konya, Turkey, 23 - 26 December 2016

**XXX. Isolation of Sesquiterpene lactones from *Crysophthalmum montanum* DC Boiss through anti inflammatory bioassay guided procedures**

AYAZ F., KÜÇÜKBOYACI N., Gören N., ÇALIŞ İ., DUMAN H., JABEEN A., CHOUDHARY M. I.

14 th Eurasia Conference on Chemical Sciences, 15 - 18 December 2016

**XXXI. Pollen and Seed Micromorphology of Two Endemic Subspecies of *Acer hyrcanum* from Turkey *Acer hyrcanum* ssp *keckianum* and *Acer hyrcanum* ssp *sphaerocaryum***

Seki N., Çeter T., Duman H., Yiğit N., Özbek M. U., Uzunhisarcıklı M. E., Bani B.

III. Aerobioloji, Palinoloji ve Alerjik Hastalıklarda Son Yenilikler Sempozyumu, Kastamonu, Turkey, 5 - 07 November 2016

**XXXII. Türkiye den *Acer hyrcanum* a ait Endemik İki Alttürün *Acer hyrcanum* ssp *keckianum* ve *Acer hyrcanum* ssp *sphaerocaryum* Polen ve Tohum Mikromorfolojisi**

SEKİ N., ÇETER T., DUMAN H., YİĞİT N., ÖZBEK M. U., UZUNHİSARCIKLI M. E., BANİ B.

3rd Symposium on Aerobiology Palynology, and Latest Advancements in Allergy, 5 - 07 November 2016

**XXXIII. Bioassay Guided isolation and Cytotoxic effects of Extract and chemical constituents of *Crysophthalmum montanum* DC Boiss of Turkish origin**

AYAZ F., KÜÇÜKBOYACI N., Gören N., ÇALIŞ İ., Aydınlik Ş., ULUKAYA E., DUMAN H., SAMMER Y., CHOUDHARY M. I.

6. Multidisipliner Kanser Araştırma Kongresi, 27 - 30 October 2016

**XXXIV. Biological Activity and Phytochemical Composition of *Chrysophthalmum montanum* DC Boiss of Turkish Origin**

AYAZ F., KÜÇÜKBOYACI N., GÖREN N., ÇALIŞ İ., DUMAN H., YOUSUF S., CHOUDHARY M. I.

The 29 th International Symposium on the Chemistry of Natural Products (ISCP-29) AND THE 9 th International Conference on Biodiversity (ICOB-9), 24 - 27 September 2016

**XXXV. Türkiye den *Acer hyrcanum* a ait endemik iki alttürün *Acer hyrcanum* ssp *keckianum* ve *Acer hyrcanum* ssp *sphaerocaryum* polen ve tohum mikromorfolojisi**

SEKİ N., ÇETER T., DUMAN H., YİĞİT N., ÖZBEK M. U., UZUNHİSARCIKLI M. E., BANİ B.

3rd Symposium on Aerobiology, Palynology and Latest Advancements in Allergy, 5 - 07 November 2016

**XXXVI. Prangos *heyniae* H. Duman & M.F. Watson Bitkisinin Yaprak Ekstraktlarının Toplam Fenolik Madde İçerikleri ile Anti-lipid Peroksidasyon, Metal Şelatlama ve Radikal Giderme Aktivitelerinin Belirlenmesi**

ÖKE ALTUNTAŞ F., ASLIM B., DUMAN H.

3. Tıbbi ve Aromatik Bitkiler Sempozyumu, Antalya, Turkey, 4 - 06 October 2016

**XXXVII. Prangos *heyniae* H Duman M F Watson Bitkisinin Yaprak Ekstraktlarının Toplam Fenolik Madde İçerikleri ile Anti lipid Peroksidasyon Metal Selatlama ve Radikal Giderme Aktivitelerinin**

## Belirlenmesi

ÖKE ALTUNTAŞ F., DUMAN H., ASLIM B.

III. Tıbbi ve aromatik bitkiler sempozyumu, Turkey, 4 - 06 October 2016

### XXXVIII. Antigliycation Activity of the genus *Chrysophthalmum* Schultz Bip of Turkish Origin

AYAZ F., KÜÇÜKBOYACI N., DUMAN H., BANI B., ŞENER B., CHOUDHARY M. I.

The 29 th International Symposium on the Chemistry of Natural Products (ISCNP-29) AND THE 9 th International Conference on Biodiversity (ICOB-9), 24 - 27 September 2016

### XXXIX. *Prangos ilanae* ve *Prangos platychoena* subsp *engizekensis* Türlerinin Meyve ve Yapraklarına Ait Çesitli Ekstraktlarının Klorojenik asit ve Rutin Profilleri

ÖKE ALTUNTAŞ F., DUMAN H., ASLIM B.

3.Ulusal Botanik Kongresi, Turkey, 26 - 29 July 2016

### XL. Quantification of rutin and chlorogenic acid in the extracts of leaves and fruits from three endemic *Prangos* species

ÖKE ALTUNTAŞ F., DUMAN H., ASLIM B., KARTAL M.

11th International Symposium on the Chemistry of Natural Compounds, 1 - 04 October 2015

### XLI. Saponins from *Astragalus isauricus*

PARLAK D., YALÇIN F. N., DUMAN H., PİACENTE S., ÇALIŞ İ.

11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 June 2015

### XLII. Preliminary results of antigrowth activity of *Chrysophthalmum montanum* from Turkey A bioactivity guided isolation research

AYAZ F., KÜÇÜKBOYACI N., SARIMAHMUT M., DUMAN H., ULUKAYA E., ÇALIŞ İ.

11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 June 2015

### XLIII. Kloroplast DNA'sı Trn İtronlarına Göre Endemik *Prangos* (Apiaceae) Taksonları Arasındaki Filogenetik İlişkinin Belirlenmesi

Öke Altuntaş F., Aslım B., Duman H., Kaya Z.

22. Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014

### XLIV. Türkiye'de Yayılış Gösteren Endemik *Prangos* (Umbelliferae) Taksonlarının Nüklear Ribozomal DNA ITS Dizilerine Dayalı Moleküler Filogenetik Analizleri

ÖKE ALTUNTAŞ F., ASLIM B., DUMAN H.

22. Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014

### XLV. Tuz Gölünde Yayılış Gösteren Bazı *Chenopodiaceae* Üyelerinin İnorganik İyon Miktarları ile Toprak Özellikleri Arasındaki İlişkiler

ÖCAL ÖZDAMAR F., BAYSAL FURTANA G., TIPIRDAMAZ R., DUMAN H.

22. Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014

### XLVI. *Prangos ferulacea*'nın yaprak ve meyve ekstraktlarında klorojenik asit ve rutin miktarı

ÖKE ALTUNTAŞ F., ASLIM B., DUMAN H.

XXV. Ulusal Biyokimya Kongresi, İzmir, Turkey, 3 - 06 September 2013

### XLVII. Evaluation of biological properties and quantification of rutin and chlorogenic acid in two *Prangos* Lindl. (Umbelliferae) species: *P. uechtritzi* and *P. pabularia*

ÖKE ALTUNTAŞ F., ASLIM B., DUMAN H., KARTAL M.

17th International Congress Phytopharm 2013, Viyana, Austria, 8 - 10 July 2013

### XLVIII. Comparative micromorphological study on the fruits of some species of *Seseli* L In Turkey

DOĞAN GÜNER E., DUMAN H.

Plant Life of South West Asia 8, Edinburgh, United Kingdom, 1 - 05 July 2013

### XLIX. Türkiyede Yetişen Üç *Prangos* Türünün Uçucu Yağ Bileşimlerinin Karşılaştırmalı Analizi

ASLAN ERDEM S., ÖKE ALTUNTAŞ F., KARTAL M., DUMAN H.

XX. Bitkisel İlaç Hammaddeleri Toplantısı (BİHAT 2012), Antalya, Turkey, 10 - 13 October 2012

### L. Türkiye'deki Endemik bazı *Prangos* türlerinin meyve ekstraktlarının toplam fenol, $\beta$ -karoten ve likopen bileşik miktarlarının ve antioksidan potansiyellerinin belirlenmesi

ÖKE ALTUNTAŞ F., ASLIM B., DUMAN H.

21. Ulusal Biyoloji Kongresi, Turkey, 3 - 07 September 2012

- LI. **Türkiye'deki Endemik Prangos Türlerinin Taksonomik İlişkisinin Tohum Protein Profilleri ile Belirlenmesi**  
ÖKE ALTUNTAŞ F., ASLIM B., DUMAN H.  
XXI. Ulusal Biyoloji Kongresi, İzmir, Turkey, 3 - 07 September 2012
- LII. **Endemik Bazı Prangos Türlerinin Meyve Ekstraktlarının Toplam fenol,  $\beta$ -karoten ve Likopen Bileşik Miktarlarının ve Antioksidan Potansiyellerinin Belirlenmesi**  
ÖKE ALTUNTAŞ F., ASLIM B., DUMAN H.  
XXI. Ulusal Biyoloji Kongresi, İzmir, Turkey, 3 - 07 September 2012
- LIII. **Türkiye'deki endemik Prangos türlerinin taksonomik ilişkisinin tohum protein profilleri ile belirlenmesi**  
ÖKE ALTUNTAŞ F., ASLIM B., DUMAN H.  
21. Ulusal Biyoloji Kongresi, Turkey, 3 - 07 September 2012
- LIV. **In vitro antiinflammatory and antiproliferative effects of Prangos platychoena Boiss. ex Tchih. on colorectal cancer cell line**  
Rostami S., Aslım B., Duman H.  
International Congress on Natural Products Research on Natural Products Research on Global Change, Natural Products and Human Health/8th Joint Meeting of AFERP, ASP, GA, PSE and SIF, New York, United States Of America, 28 July - 01 August 2012
- LV. **The Ecophysiology of Some Members of Halophyte Chenopodiaceae Family Around the Salt Lake**  
ÖCAL ÖZDAMAR F., BAYSAL FURTANA G., DUMAN H., TIPIRDAMAZ R.  
1. Uluslararası Biyoloji Kongresi, Bishkek, Kyrgyzstan, 24 - 26 July 2012
- LVI. **Anticarcinogenic effect of Cyclotrichium origanifolium on human colorectal cancer cell line and associating with its antioxidative properties**  
Rostami S., Öke Altuntaş F., Aslım B., Duman H.  
59th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research, Antalya, Turkey, 4 - 09 September 2011
- LVII. **Metal chelating, radical-scavenging and anti-lipid peroxidative activities of various extracts from two endemic species belonging to Prangos Lindl (Umbelliferae)**  
ÖKE ALTUNTAŞ F., DUMAN H., ASLIM B.  
59th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research, 4 - 09 September 2011
- LVIII. **Metal chelating, radical-scavenging and anti-lipid peroxidative activities of various extracts from two endemic species belonging to genus Prangos Lindl (Umbelliferae).**  
ÖKE ALTUNTAŞ F., DUMAN H., ASLIM B.  
59th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research, Antalya, Turkey, 4 - 09 September 2011
- LIX. **Inhibitory effect of Prangos meliocarpoides Boiss var. meliocarpoides on lipid peroxidation and hydrogen peroxide-induced cell damage**  
ÖKE ALTUNTAŞ F., ASLIM B., DUMAN H.  
European Biotechnology Congress, İstanbul, Turkey, 28 September - 01 October 2011, vol.22
- LX. **Protective effect of Prangos ilanae on lipid peroxidation and DNA damage in human lymphocytes**  
ÖKE ALTUNTAŞ F., DUMAN H., ASLIM B.  
15th International Congress PHYTOPHARM 2011, 25 - 27 July 2011
- LXI. **Tuz Gölü Endemiği Halofitlerin İnorganik İyon Ve Organik Bileşik Miktarları Bakımından Karşılaştırılması**  
BAYSAL FURTANA G., ÖCAL ÖZDAMAR F., DUMAN H., TIPIRDAMAZ R.  
20. Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010
- LXII. **Prangos platychoena Boiss. Ex Tchihat. subsp. platychoena'nın antioksidan, antiproliferatif ve sitotoksik etkilerinin belirlenmesi**  
ÖKE F., ASLIM B., DUMAN H.  
XX. Ulusal Biyoloji Kongresi (Uluslararası Katılımlı), Denizli, Turkey, 21 - 25 June 2010

- LXIII. **Tuz Gölü Endemiği Üç Chenopodiaceae Üyesinde İnorganik İyonlar Ve Organik Bileşiklerin Tuz Mekanizmasındaki Rolü**  
BAYSAL FURTANA G., ÖCAL ÖZDAMAR F., DUMAN H., TIPIRDAMAZ R.  
EKOLOJİ 2010 SEMPOZYUMU, Aksaray, Turkey, 5 - 08 May 2010
- LXIV. **Türkiye deki Seseli L Apiaceae türlerinin ülkemizdeki yayılışı IUCN tehlike kategorileri ve ekolojisi**  
DOĞAN GÜNER E., DUMAN H.  
Ekoloji 2010 Sempozyumu, Aksaray Üniversitesi, Turkey, 5 - 07 May 2010
- LXV. **Comparative anatomical study of the fruits of Seseli L Apiaceae in Turkey**  
DOĞAN GÜNER E., DUMAN H.  
XIII Optima Meeting, Antalya, 22 - 26 March 2010
- LXVI. **Seasonal Changes of inorganic and organic osmolytes content in three endemic Limonium species of Tuz Lake in Turkey**  
BAYSAL FURTANA G., DUMAN H., TIPIRDAMAZ R.  
International Conference on Plants and Environmental Pollution, Kayseri, Turkey, 6 - 11 July 2009
- LXVII. **Tuz Gölü Çevresindeki Bazı Endemik Halofit Bitkilerin Prolin Mineral Madde ve Fotosentetik Pigment Miktarları**  
BAYSAL FURTANA G., TIPIRDAMAZ R., DUMAN H.  
19. Ulusal Biyoloji Kongresi, Trabzon, Turkey, 23 - 27 June 2008
- LXVIII. **Türkiye Sideritis L. Türlerinin SDS-PAGE Analizleri**  
ÖKE F., DUMAN H., AÇIK L.  
XIX. Ulusal Biyokimya Kongresi, Antalya, Turkey, 22 - 25 April 2005
- LXIX. **Türkiye Sideritis L. Türleri Üzerinde Karyolojik Bir Çalışma**  
MARTİN E., ÜNAL F., DUMAN H.  
XVII. Ulusal Biyoloji Kongresi, Adana, Turkey, 21 - 24 June 2004
- LXX. **Nallıhan Kuş Cenneti nin endemik ve endemik olmadığı halde nadir yayılışlı bitkilerinin tehlike durumları**  
DOĞAN GÜNER E., DUMAN H.  
XVI. Ulusal Biyoloji Kongresi, İnönü Üniversitesi, Malatya, Turkey, 4 - 07 September 2002
- LXXI. **Türkiye'deki Hesiodia Bentham Seksiyonunda Yer Alan Sideritis L. (Labiatae) Türleri Üzerinde Karyolojik Bir Çalışma**  
MARTİN E., DUMAN H., ÜNAL F.  
XVI. Ulusal Biyoloji Kongresi, Malatya, Turkey, 4 - 07 September 2002
- LXXII. **Comparative study of Four Endemic Allium L. species (Allium scabriflorum Boiss., A. vuralii Kit Tan, A. karacae M. Koyuncu and A. goekyigitii Ekim, H.Duman Güner) in Turkey**  
DUMAN H., ÜNAL F.  
Second Balkan Botanical Congress, İstanbul, Turkey, 14 - 18 May 2000
- LXXIII. **Sternbergia clusiana (Ker-Gawl.) Ker-Gawl. ve S. colchiciflora Waldst. and Kit.'nın karyotipi**  
YÜZBAŞIOĞLU D., ÜNAL F., DUMAN H.  
Kızılırmak Fen Bilimleri Kongresi 1997, Kırıkkale, Turkey, 14 - 16 May 1997
- LXXIV. **Sternbergia lutea (L.) Ker-Gawler ex Sprengel ve S. sicula Tineo ex Guss.'da mitotik kromozomların C-bandı analizi**  
YÜZBAŞIOĞLU D., ÜNAL F., DUMAN H.  
XIII. Ulusal Biyoloji Kongresi, İstanbul, Turkey, 17 - 20 September 1996

## Supported Projects

Ertuğrul T., Duman H., Armağan M., Güner Ö., Aygören Uluer D., Fişne A., Aydın B., TUBITAK Project, Taxonomic Revision, Molecular Phylogeny, and Biological Activity Studies of the Genus *Thalictrum* Tourn. ex L. in Turkey, 2024 - 2027  
Özbek F., Zare G., Özüdoğru B., Duman H., TUBITAK Project, Türkiye'deki *Fumana* Spach ve *Tuberaria* (Dunal) Spach (Cistaceae) Cinslerinin Taksonomik Revizyonu, 2024 - 2027

Özbek F., Duman H., Celep F., Ekici M., Çakır Dindar E. G., Uzunhisarcıklı M. E., Özbek M. U., TUBITAK Project, Türkiye Tanacetum L. Cinsinin (Asteraceae) Taksonomik Revizyonu, 2023 - 2026

DUMAN H., Project Supported by Higher Education Institutions, Aşağı Kepen-Ertuğrul-Kurtşeyh-Buzluca (Sivrihisar-Eskişehir) Köyleri Arası Florası, 2017 - 2019

DUMAN H., Project Supported by Higher Education Institutions, Kaş Florası ( Antalya ), 2011 - 2014

DUMAN H., Project Supported by Higher Education Institutions, Akdağ ve Cebireis Dağı (Alanya-Antalya) Florası, 2005 - 2008

DUMAN H., Project Supported by Higher Education Institutions, Biyoloji Bölümü Araştırma Altyapısının Desteklenmesi, 2004 - 2005

DUMAN H., Project Supported by Higher Education Institutions, Fen Edebiyat Fakültesi Biyoloji Bölümü öğrenci laboratuvarları alt yapısının geliştirilmesi, 2003 - 2004

DUMAN H., Project Supported by Higher Education Institutions, Cucumis Sativus L.de Tuzluluğun Bazı Fizyolojik ve Biyokimyasal Parametreler Üzerine Etkisi, 2003 - 2004

DUMAN H., Project Supported by Higher Education Institutions, Türkiye Ferulalarının Revizyonu, 2003 - 2004

DUMAN H., Project Supported by Higher Education Institutions, Türkiyedeki Seseli L. Cinsinin Revizyonu (Umbelliferae= Apiaceae), 2001 - 2004

DUMAN H., Project Supported by Higher Education Institutions, Türkiye Ballatılarının revizyonu, 1997 - 1997

## Metrics

Publication: 179

Citation (WoS): 534

Citation (Scopus): 501

H-Index (WoS): 13

H-Index (Scopus): 13

## Non Academic Experience

Edinburgh Botanik Bahçesi