

Prof. MUSA DOĞAN

Personal Information

Office Phone: [+90 312 210 5158](tel:+903122105158)

Email: doganm@metu.edu.tr

Web: <https://avesis.metu.edu.tr/doganm>

Address: Üniversiteler Mah. Dumlupınar Blv. No:1 Orta Doğu Teknik Üniversitesi Biyolojik Bilimler Bölümü Zemin Kat Oda No Z-17

International Researcher IDs

ScholarID: 4fPKrusAAAAJ

ORCID: 0000-0003-0340-1195

Publons / Web Of Science ResearcherID: AAB-3970-2021

ScopusID: 7102837994

Yoksis Researcher ID: 7825

Education Information

Doctorate, University of Edinburgh, United Kingdom 1977 - 1982

Undergraduate, Ankara University, Fen Fakültesi, Turkey 1977 - 1977

Dissertations

Doctorate, Taxonomic Studies on Turkish Gramineae, University Of Edinburgh, 1982

Research Areas

Systematic Botany

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, 1983 - Continues

Professor, Abant İzzet Baysal Üniversitesi, Fen-Edebiyat Fakültesi, 1994 - 1995

Academic and Administrative Experience

Middle East Technical University, Graduate School of Natural and Applied Sciences, Arkeometri (Yıl) (Tezli), 2016 - Continues

Middle East Technical University, Faculty of Arts and Sciences, 2010 - 2013

Çanakkale Onsekiz Mart Üniversitesi, 2000 - 2000

Abant İzzet Baysal Üniversitesi, Fen-Edebiyat Fakültesi, 1994 - 1995

Abant İzzet Baysal Üniversitesi, Fen-Edebiyat Fakültesi, 1994 - 1995

Middle East Technical University, Faculty of Education, 1991 - 1993

Advising Theses

- DOĞAN M., Genetic variation pattern among *Abies cilicica* (Pinaceae) populations: Adaptive seed and seedling traits, Doctorate, A.MURAT(Student), 2022
- DOĞAN M., Leaf micromorphology of the family Plumbaginaceae in Turkey, Postgraduate, İ.SAYAR(Student), 2022
- DOĞAN M., A Micromorphological study on the genus *thymus lamiaceae* in Turkey, Postgraduate, D.Kütükalan(Student), 2019
- DOĞAN M., Anatomy, palynology and floral diversity of the genus *Lamium L.* (Lamiaceae) in Turkey, Doctorate, Z.ATALAY(Student), 2016
- DOĞAN M., A Micromorphological study of *Lathyrus l.* (Leguminosae) species in Turkey, Doctorate, R.Mazaheri(Student), 2016
- DOĞAN M., A numerical taxonomic study on the family Plumbaginaceae in Turkey, Postgraduate, J.ERDAL(Student), 2015
- DOĞAN M., A numerical taxonomic study on the Genus *salvia L.* (Lamiaceae) in Turkey, Postgraduate, D.TIAMBENG(Student), 2015
- DOĞAN M., Revision of *Vicia L.* (Leguminosae) in the Central Anatolia, Turkey, Doctorate, O.Kaan(Student), 2012
- DOĞAN M., Comparative vegetative anatomy of the tribe *Triticeae dumortier* (Poaceae) in Turkey, Doctorate, D.ÖZLEM(Student), 2012
- DOĞAN M., Revision of *Vicia L.* (Leguminosae) in Central Anatolia, Turkey, Doctorate, O.KAAN(Student), 2012
- DOĞAN M., The staminal lever mechanism and floral diversity of some bee-pollinated *Salvia L.* (Lamiaceae) species, Postgraduate, Z.atalay(Student), 2011
- DOĞAN M., A phenetics study for infrageneric grouping of *Limonium Mill.* genus (Plumbaginaceae) in Turkey, Postgraduate, F.FAZLIOĞLU(Student), 2011
- DOĞAN M., Morphology, anatomy and systematics of the genus *Salvia l.* (Lamiaceae) in East and Southeast Anatolia, Turkey, Doctorate, A.Kahraman(Student), 2011
- DOĞAN M., Morphology, anatomy and systematics of the genus *Salvia L.* (Lamiaceae) in East Southeast Anatolia, Turkey, Doctorate, A.KAHRAMAN(Student), 2011
- DOĞAN M., Morphology, anatomy and systematics of the genus *Lathyrus l.* (Leguminosae) in Central Anatolia, Turkey, Doctorate, H.Çıldır(Student), 2011
- DOĞAN M., Leaf anatomy of five species of limonium mill. (plumbaginaceae, Postgraduate, Z.Bal(Student), 2011
- DOĞAN M., Morphology, anatomy and systematics of the genus *Lathyrus L.* (Leguminosae) in the Central Anatolia Turkey, Doctorate, H.ÇİLDİR(Student), 2011
- DOĞAN M., Leaf anatomy of five species of Limonium mill. (Plumbaginaceae), Postgraduate, Z.BAL(Student), 2011
- DOĞAN M., Taxonomic studies on the genus *salvia l.* (labiate) in central anatolia, Turkey, Doctorate, S.Bagherpour(Student), 2010
- DOĞAN M., Taonomic studies on the genus *Salvia L.* (Labiatae) in Central Anatolia, Turkey, Doctorate, S.BAGHERPOUR(Student), 2010
- DOĞAN M., Revision of the genus *Salvia L.* (Labiatae) in the Mediterranean and The Aegean geographic regions of Turkey, Doctorate, F.CELEP(Student), 2010
- DOĞAN M., Taxonomic revision of the tribe *Triticeae dumortier* (Poaceae) in Turkey, Doctorate, E.CABI(Student), 2010
- DOĞAN M., ÇORUH N., Antioxidant and antimicrobial activities of dietary plants against group A β -haemolytic streptococci, Postgraduate, Ö.FARUK(Student), 2009
- DOĞAN M., Cytotaxonomic studies on the genus *Salvia* (Labiatae) in Turkey, Postgraduate, T.İNANÇ(Student), 2009
- DOĞAN M., The ethnobotany of wild food plant use in the Konya Basin: a quantitative and ethnoarchaeological approach, Postgraduate, A.Erkal(Student), 2006
- DOĞAN M., The ethnobotany of wilf food plant use in the Konya Basin: A quantitative and ethnoarchaeological approach, Postgraduate, A.ERKAL(Student), 2006
- DOĞAN M., Understanding and modeling plant biodiversity of Nallihan (A3 - Ankara) forest ecosystem by means of geographic information systems and remote sensing, Doctorate, H.METE(Student), 2003
- DOĞAN M., Physicochemical study on the genera, *acantholimon*, *astragalus* and *ranunculus*., Postgraduate, S.TÜRKER(Student), 2002
- DOĞAN M., Flora of Middle East Technical University campus (Ankara), Postgraduate, Z.BİLGE(Student), 2001
- KENCE A., DOĞAN M., Analysis of genetic relationships among perennial and annual cicer species growing in Turkey

using allozyme and dna polymorphisms, Doctorate, M.Ali(Student), 2001
DOĞAN M., A Taxonomic study on *Acantholimon* (Plumbaginaceae) in Ankara Province, Postgraduate, A.MUVAFFAK(Student), 1997
DOĞAN M., A taxonomic study on *Acantholimon* (Pulumbaginaceae) in Ankara province, Postgraduate, A.Muvaffak(Student), 1997
DOĞAN M., A pilot study on the effect of air conservation unit integrated into 8th grade gunior high school science curriculum, Postgraduate, S.Tican(Student), 1996
DOĞAN M., The effect of air conservation unit integrated into 8th grade junior high school science curriculum on the related and environmental attitudes of the students, Postgraduate, S.TİCAN(Student), 1996
DOĞAN M., A Pilot study on the effect of soil conservation unit integrated in to 7 th grade junior high school science curriculum, Postgraduate, M.DOĞAN(Student), 1993
DOĞAN M., A Study on the dimensions and determinants of environmental attitudes., Doctorate, C.TOSUNOĞLU(Student), 1993
DOĞAN M., The Effect of water conservation unit integrated into 6th grade junior high school science curriculum on the water related and environmental attitudes of the students, Postgraduate, S.ARKİŞ(Student), 1992

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Dark-centred umbels in Apiaceae: diversity, development and evolution**
Claßen-Bockhoff R., Celep F., Ajani Y., Frenken L., Reuther K., DOĞAN M.
AoB PLANTS, vol.15, no.5, 2023 (SCI-Expanded)
- II. **Nutlet micromorphology and its taxonomic and phylogenetic significance in *Salvia* (Lamiaceae)**
Celep F., KAHRAMAN A., Guerin G. R., KARABACAK E., AKAYDIN G., DOĞAN M.
PLANT BIOSYSTEMS, vol.156, no.1, pp.271-283, 2022 (SCI-Expanded)
- III. **Phytogeography, ecology and conservation of the genus *Limonium* (Plumbaginaceae) in Turkey and a taxonomic revision**
DOĞAN M., AKAYDIN G., Erdal J.
PLANT SYSTEMATICS AND EVOLUTION, vol.306, no.6, 2020 (SCI-Expanded)
- IV. **Pollination Ecology, Specialization, and Genetic Isolation in Sympatric Bee-Pollinated *Salvia* (Lamiaceae)**
Celep F., Atalay Z., Dikmen F., Dogan M., Sytsma K. J., Classen-Bockhoff R.
INTERNATIONAL JOURNAL OF PLANT SCIENCES, vol.181, no.8, pp.800-811, 2020 (SCI-Expanded)
- V. **Contribution to the knowledge of the pollen morphology of the genus *Salvia* (Lamiaceae)**
ÖZLER H., KAHRAMAN A., PEHLİVAN S., DOĞAN M., BAŞER B., FİŞNE A., Bagherpour S.
PHYTOTAXA, vol.428, no.3, pp.228-240, 2020 (SCI-Expanded)
- VI. **An expanded molecular phylogeny of Plumbaginaceae, with emphasis on *Limonium* (sea lavenders): Taxonomic implications and biogeographic considerations**
Koutroumpa K., Theodoridis S., Warren B. H., Jimenez A., Celep F., DOĞAN M., Romeiras M. M., Santos-Guerra A., Maria Fernandez-Palacios J., Caujape-Castells J., et al.
ECOLOGY AND EVOLUTION, vol.8, no.24, pp.12397-12424, 2018 (SCI-Expanded)
- VII. **Mapping and analyzing the spatial distribution of the tribe Triticeae Dumort. (Poaceae) in Turkey**
DOĞAN H. M., CABİ E., DOĞAN M.
TURKISH JOURNAL OF BOTANY, vol.41, no.1, pp.37-46, 2017 (SCI-Expanded)
- VIII. **Systematic significance of anatomy and trichome morphology in *Lamium* (Lamioideae; Lamiaceae)**
Atalay Z., CELEP F., Bara F., DOĞAN M.
FLORA, vol.225, pp.60-75, 2016 (SCI-Expanded)
- IX. **First record of *Psylliostachys spicata* (Plumbaginaceae), confirmation of *Salvia pratensis* (Lamiaceae) from Turkey, and taxonomic status of *Salvia ertekinii***
CELEP F., Karabacak O., Malekmohammadi M., Fidan M., DOĞAN M.
TURKISH JOURNAL OF BOTANY, vol.40, no.2, pp.226-230, 2016 (SCI-Expanded)

- X. **Chemical characterization and anticholinesterase effects of essential oils derived from *Salvia* species**
TEMEL H. E., Demirci B., Demirci F., CELEP F., KAHRAMAN A., DOĞAN M., Baser K. H. C.
JOURNAL OF ESSENTIAL OIL RESEARCH, vol.28, no.4, pp.322-331, 2016 (SCI-Expanded)
- XI. **Fast and accurate semiautomatic haptic segmentation of brain tumor in 3D MRI images**
Latifi-Navid M., Bilen M., KONUKSEVEN E. İ., Dogan M., Altun A.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.24, no.3, pp.1397-1412, 2016
(SCI-Expanded)
- XII. **Pollen morphology of the genus *Lamium* L. (Lamiaceae) and its systematic implications**
Atalay Z., CELEP F., BİLGİLİ B., DOĞAN M.
FLORA, vol.219, pp.68-84, 2016 (SCI-Expanded)
- XIII. **A molecular phylogeny of *Salvia euphratica* sensu lato (Salvia L., Lamiaceae) and its closely related species with a focus on the section *Hymenosphace***
Dizkirci A., CELEP F., Kansu C., KAHRAMAN A., DOĞAN M., KAYA Z.
PLANT SYSTEMATICS AND EVOLUTION, vol.301, no.10, pp.2313-2323, 2015 (SCI-Expanded)
- XIV. ***Pseudophleum anatolicum*, a New Endemic Species of *Pseudophleum* (Poaceae) from East Anatolia, Turkey**
DOĞAN M., BEHÇET L., Sinan A.
SYSTEMATIC BOTANY, vol.40, no.2, pp.454-460, 2015 (SCI-Expanded)
- XV. **Design and implementation of an identifier system for inter-area power oscillations**
Atalika T., Dogan M., Demirci T.
ELECTRIC POWER SYSTEMS RESEARCH, vol.122, pp.86-95, 2015 (SCI-Expanded)
- XVI. **Karyomorphological studies in seven taxa of the genus *Salvia* (Lamiaceae) in Turkey**
MARTİN E., Altinordu F., Celep F., KAHRAMAN A., DOĞAN M.
CARYOLOGIA, vol.68, no.1, pp.13-18, 2015 (SCI-Expanded)
- XVII. **FLIES AS POLLINATORS OF MELITTOPHILOUS *SALVIA* SPECIES (LAMIACEAE)**
CELEP F., Atalay Z., Dikmen F., DOĞAN M., Classen-Bockhoff R.
AMERICAN JOURNAL OF BOTANY, vol.101, no.12, pp.2148-2159, 2014 (SCI-Expanded)
- XVIII. **Morphology, anatomy, palynology, mericarp and trichome micromorphology of the rediscovered Turkish endemic *Salvia quezelii* (Lamiaceae) and their taxonomic implications**
CELEP F., KAHRAMAN A., Atalay Z., DOĞAN M.
PLANT SYSTEMATICS AND EVOLUTION, vol.300, no.9, pp.1945-1958, 2014 (SCI-Expanded)
- XIX. **Pollen morphology of some taxa of *Vicia* L. subgenus *Vicilla* (Schur) Rouy (Fabaceae) from Turkey**
Binzat O. K., KAHRAMAN A., DOĞAN M.
PLANT SYSTEMATICS AND EVOLUTION, vol.300, no.8, pp.1867-1876, 2014 (SCI-Expanded)
- XX. **MOLECULAR ANALYSES OF THE GENERA *EREMOPYRUM* (LEDEB.) JAUB. & SPACH AND *AGROPYRON* GAERTNER (POACEAE) BY PCR METHODS**
Yilmaz R., CABİ E., DOĞAN M.
PAKISTAN JOURNAL OF BOTANY, vol.46, no.3, pp.769-774, 2014 (SCI-Expanded)
- XXI. **Pollen morphology of some taxa of *Vicia* L. subgenus *Vicia* (Fabaceae) from Turkey**
KAHRAMAN A., Binzat O. K., DOĞAN M.
PLANT SYSTEMATICS AND EVOLUTION, vol.299, no.9, pp.1749-1760, 2013 (SCI-Expanded)
- XXII. **Pollen morphology of *Hymenosphace* and *Aethiopis* sections of the genus *Salvia* (Lamiaceae) in Turkey**
ÖZLER H., PEHLİVAN S., Celep F., DOĞAN M., KAHRAMAN A., Fisne A. Y., BAŞER B., Bagherpour S.
TURKISH JOURNAL OF BOTANY, vol.37, no.6, pp.1070-1084, 2013 (SCI-Expanded)
- XXIII. **Taxonomic Importance of Seed Morphology in *Allium* (Amaryllidaceae)**
CELEP F., KOYUNCU M., Fritsch R. M., KAHRAMAN A., DOĞAN M.
SYSTEMATIC BOTANY, vol.37, no.4, pp.893-912, 2012 (SCI-Expanded)
- XXIV. **Petal and Sepal Epidermal Micromorphology of Six *Lathyrus* Taxa (Fabaceae) and their Systematic Value**
Cildir H., KAHRAMAN A., DOĞAN M.

- NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, vol.40, no.1, pp.35-41, 2012 (SCI-Expanded)
- XXV. **Reassessment of conservation status of the genus *Salvia* (Lamiaceae) in Turkey II**
 Kahraman A., Bagherpour S., KARABACAK E., DOĞAN M., DOĞAN H. M., UYSAL İ., Celep F.
TURKISH JOURNAL OF BOTANY, vol.36, no.2, pp.103-124, 2012 (SCI-Expanded)
- XXVI. **Evaluation of Cholinesterase Inhibitory and Antioxidant Activities of Wild and Cultivated Samples of Sage (*Salvia fruticosa*) by Activity-Guided Fractionation**
 ŞENOL F. S., ERDOĞAN ORHAN İ., Erdem S. A., KARTAL M., ŞENER B., KAN Y., Celep F., Kahraman A., DOĞAN M.
JOURNAL OF MEDICINAL FOOD, vol.14, no.11, pp.1476-1483, 2011 (SCI-Expanded)
- XXVII. **Taxonomic revision of the genus *Psathyrostachys* Nevski (Poaceae: Triticeae) in Turkey**
 Cabi E., DOĞAN M., KARABACAK E.
AUSTRALIAN JOURNAL OF CROP SCIENCE, vol.5, no.12, pp.1501-1507, 2011 (SCI-Expanded)
- XXVIII. **A cytomorphological study in some taxa of the genus *Salvia* L. (Lamiaceae)**
 MARTİN E., Cetin O., Kahraman A., Celep F., DOĞAN M.
CARYOLOGIA, vol.64, no.3, pp.272-287, 2011 (SCI-Expanded)
- XXIX. **A cytogenetical study in some taxa of the genus *Salvia* L. (Lamiaceae) from Turkey**
 Martin E., Cetini O., Kahraman A., Celep F., DOĞAN M.
CHROMOSOME RESEARCH, vol.19, 2011 (SCI-Expanded)
- XXX. **ANATOMY AND POLLEN MORPHOLOGY OF *LEYMUS RACEMOSUS* (LAM.) TZVELEV SUBSP *SABULOSUS* (BIEB.) TZVELEV AND *LEYMUS CAPPADOCICUS* (BOISS. & BAL.) MELDERIS**
 Mavi O., DOĞAN M., Baser B., Pehlivan S., Cabi E., Akaydin G.
BANGLADESH JOURNAL OF PLANT TAXONOMY, vol.18, no.1, pp.27-38, 2011 (SCI-Expanded)
- XXXI. **Taxonomic Notes for *Salvia aucheri* (Lamiaceae) from Southern Anatolia, Turkey**
 CELEP F., Kahraman A., DOĞAN M.
NOVON, vol.21, no.1, pp.34-35, 2011 (SCI-Expanded)
- XXXII. **Mericarp micromorphology and anatomy of *Salvia hedgeana* Donmez, *S. huberi* Hedge and *S. rosifolia* Sm. (section *Salvia* Hedge, Lamiaceae)**
 BÜYÜKKARTAL H. N., Kahraman A., ÇÖLGEÇEN H., DOĞAN M., KARABACAK E.
ACTA BOTANICA CROATICA, vol.70, no.1, pp.65-80, 2011 (SCI-Expanded)
- XXXIII. **Mericarp morphology and its systematic implications for the genus *Salvia* L. section *Hymenosphace* Benth. (Lamiaceae) in Turkey**
 Kahraman A., Celep F., DOĞAN M., Guerin G. R., Bagherpour S.
PLANT SYSTEMATICS AND EVOLUTION, vol.292, pp.33-39, 2011 (SCI-Expanded)
- XXXIV. **Morphology, anatomy and trichome properties of *Lamium truncatum* Boiss. (Lamiaceae) and their systematic implications**
 CELEP F., Kahraman A., Atalay Z., DOĞAN M.
AUSTRALIAN JOURNAL OF CROP SCIENCE, vol.5, no.2, pp.147-153, 2011 (SCI-Expanded)
- XXXV. **Morphological and anatomical properties of *Lathyrus cilicicus* Hayek & Siehe (sect. *Platystylis*, Fabaceae) from the mediterranean region of Turkey**
 CELEP F., Cildir H., Kahraman A., DOĞAN M., Cabi E.
AUSTRALIAN JOURNAL OF CROP SCIENCE, vol.5, no.2, pp.223-226, 2011 (SCI-Expanded)
- XXXVI. ***Salvia siirtica* sp. nov. (Lamiaceae) from Turkey**
 Kahraman A., DOĞAN M., Celep F.
NORDIC JOURNAL OF BOTANY, vol.29, no.4, pp.397-401, 2011 (SCI-Expanded)
- XXXVII. **Pollen morphology of the genus *Salvia* L. (Lamiaceae) in Turkey**
 ÖZLER H., PEHLİVAN S., Kahraman A., DOĞAN M., Celep F., Baser B., Yavru A., Bagherpour S.
FLORA, vol.206, no.4, pp.316-327, 2011 (SCI-Expanded)
- XXXVIII. **Leaf anatomy of *Agropyron Gaertn.* (Gramineae) in Turkey**
 Mavi D. O., DOĞAN M., Cabi E.
TURKISH JOURNAL OF BOTANY, vol.35, no.5, pp.527-534, 2011 (SCI-Expanded)
- XXXIX. **A new taxon of the genus *Salvia* (Lamiaceae) from Turkey**
 CELEP F., Kahraman A., DOĞAN M.

- PLANT ECOLOGY AND EVOLUTION, vol.144, no.1, pp.111-114, 2011 (SCI-Expanded)
- XL. Comparative leaf anatomy of the genus *Hordeum* L. (Poaceae)
Mavi D. O., DOĞAN M., Cabi E.
TURKISH JOURNAL OF BOTANY, vol.35, no.4, pp.357-368, 2011 (SCI-Expanded)
- XLI. *Salvia brachyantha* subsp. *tankutiana* (Lamiaceae), a new subspecies from Central Anatolia
Bagherpour S., CELEP F., Kahraman A., DOĞAN M.
TURKISH JOURNAL OF BOTANY, vol.35, no.4, pp.343-350, 2011 (SCI-Expanded)
- XLII. Mapping and analysing the diversity of the genus *Acantholimon* taxa in Turkey by geographic information systems (GIS)
DOĞAN H. M., DOĞAN M., AKAYDIN G., Celep F.
TURKISH JOURNAL OF BOTANY, vol.35, no.2, pp.91-110, 2011 (SCI-Expanded)
- XLIII. The anatomical and micromorphological characteristics of *Salvia vermicifolia* (Section *Aethiopis* Bentham, Lamiaceae) from Central Anatolia, Turkey
Bagherpour S., Kahraman A., DOĞAN M., Celep F., Baser B., PEHLİVAN S.
CENTRAL EUROPEAN JOURNAL OF BIOLOGY, vol.5, no.6, pp.872-879, 2010 (SCI-Expanded)
- XLIV. Phylogenetic relationships of *Elymus* L. and related genera (Poaceae) based on the nuclear ribosomal internal transcribed spacer sequences *Elymus* L. ve akraba cinslerin (Poaceae) nükleer ribozomal iç transkripsiyonu aralayı{dotless}ci{dotless} dizisi kullanı{dotless}lara filogenetik akrabali{dotless}kları{dotless}
Dizkirici A., KAYA Z., Cabi E., DOĞAN M.
Turkish Journal of Botany, vol.34, no.6, pp.467-478, 2010 (SCI-Expanded)
- XLV. Taxonomy, morphology and palynology of *Aegilops vavilovii* (Zhuk.) Chennav. (Poaceae: Triticeae)
Cabi E., DOĞAN M., ÖZLER H., AKAYDIN G., KARAGÖZ A.
AFRICAN JOURNAL OF AGRICULTURAL RESEARCH, vol.5, no.20, pp.2841-2849, 2010 (SCI-Expanded)
- XLVI. Taxonomic study on the genus *Eremopyrum* (Lebed.) Jaub. et Spach (Poaceae) in Turkey
Cabi E., DOĞAN M.
PLANT SYSTEMATICS AND EVOLUTION, vol.287, pp.129-140, 2010 (SCI-Expanded)
- XLVII. Morpho-anatomical studies on *Bellevalia paradoxa* Boiss. belonging to Liliaceae
Kahraman A., Celep F., DOĞAN M., KOYUNCU M.
AUSTRALIAN JOURNAL OF CROP SCIENCE, vol.4, no.3, pp.150-154, 2010 (SCI-Expanded)
- XLVIII. Survey of 55 Turkish *Salvia* taxa for their acetylcholinesterase inhibitory and antioxidant activities
ŞENOL F. S., ERDOĞAN ORHAN İ., Celep F., Kahraman A., DOĞAN M., Yilmaz G., ŞENER B.
FOOD CHEMISTRY, vol.120, no.1, pp.34-43, 2010 (SCI-Expanded)
- XLIX. Anatomy, trichome morphology and palynology of *Salvia chrysophylla* Stapf (Lamiaceae)
Kahraman A., Celep F., DOĞAN M.
SOUTH AFRICAN JOURNAL OF BOTANY, vol.76, no.2, pp.187-195, 2010 (SCI-Expanded)
- L. Morphology, anatomy, palynology and nutlet micromorphology of *Salvia macrochlamys* (Labiatae) in Turkey
Kahraman A., Celep F., DOĞAN M.
BIOLOGIA, vol.65, no.2, pp.219-227, 2010 (SCI-Expanded)
- LI. Comparative study of *Salvia limbata* CA and *S. palaestina* Bentham (sect. *Aethiopis* Bentham, Labiateae) from East Anatolia, Turkey
Kahraman A., DOĞAN M.
ACTA BOTANICA CROATICA, vol.69, no.1, pp.47-64, 2010 (SCI-Expanded)
- LII. *Salvia ekimiana* (Lamiaceae), a new species from Turkey
Celep F., DOĞAN M.
ANNALES BOTANICI FENNICI, vol.47, no.1, pp.63-66, 2010 (SCI-Expanded)
- LIII. *Elymus sosnowskyi* (Hackel) Melderis (Poaceae), a rare endemic species in Turkey
Cabi E., DOĞAN M., Mavi O., KARABACAK E., Baser B.
TURKISH JOURNAL OF BOTANY, vol.34, no.2, pp.105-114, 2010 (SCI-Expanded)
- LIV. Re-evaluated conservation status of *Salvia* (sage) in Turkey I: The Mediterranean and the Aegean

geographic regions

- CELEP F., DOĞAN M., Kahraman A.
TURKISH JOURNAL OF BOTANY, vol.34, no.3, pp.201-214, 2010 (SCI-Expanded)
- LV. **Phylogenetic relationships of Elymus L. and related genera (Poaceae) based on the nuclear ribosomal internal transcribed spacer sequences**
Dizkirici A., KAYA Z., Cabi E., DOĞAN M.
TURKISH JOURNAL OF BOTANY, vol.34, no.6, pp.467-478, 2010 (SCI-Expanded)
- LVI. **Phylogenetic relationships of Elymus L and related genera Poaceae Triticeae Dumort based on the nuclear ribosomal internal transcribed spacer sequences**
DİZKIRICI A., KAYA Z., CABİ E., DOĞAN M.
Turkish Journal of Botany, vol.36, pp.467-478, 2010 (SCI-Expanded)
- LVII. **Morphology, anatomy, palynology and nutlet micromorphology of the rediscovered Turkish endemic Salvia balliana (Lamiaceae) and their taxonomic implications**
Kahraman A., DOĞAN M., Celep F., AKAYDIN G., KOYUNCU M.
NORDIC JOURNAL OF BOTANY, vol.28, no.1, pp.91-99, 2010 (SCI-Expanded)
- LVIII. **A taxonomic revision of Salvia euphratica sensu lato and its closely related species (sect. Hymenosphace, Lamiaceae) using multivariate analysis**
Kahraman A., CELEP F., DOĞAN M., Bagherpour S.
TURKISH JOURNAL OF BOTANY, vol.34, no.4, pp.261-276, 2010 (SCI-Expanded)
- LIX. **REDISCOVERY OF SALVIA FREYNIANA BORNM. (LAMIACEAE), A CRITICALLY ENDANGERED SPECIES IN TURKEY**
Bagherpour S., Celep F., DOĞAN M., Kahraman A.
BANGLADESH JOURNAL OF BOTANY, vol.38, no.2, pp.189-191, 2009 (SCI-Expanded)
- LX. **A New Variety of Salvia sericeotomentosa (Lamiaceae) from South Anatolia, Turkey**
Celep F., DOĞAN M., Bagherpour S., Kahraman A.
NOVON, vol.19, no.4, pp.432-435, 2009 (SCI-Expanded)
- LXI. **COMPARATIVE MORPHOLOGY, ANATOMY AND PALYNOLogy OF TWO SALVIA L. SPECIES (LAMIACEAE) AND THEIR TAXONOMIC IMPLICATIONS**
Kahraman A., Celep F., DOĞAN M.
BANGLADESH JOURNAL OF PLANT TAXONOMY, vol.16, no.1, pp.73-82, 2009 (SCI-Expanded)
- LXII. **POLLEN MORPHOLOGY OF AGROPYRON GAERTNER IN TURKEY**
Ozler H., Cabi E., Us E., DOĞAN M., Pehlivan S.
BANGLADESH JOURNAL OF PLANT TAXONOMY, vol.16, no.1, pp.21-28, 2009 (SCI-Expanded)
- LXIII. **Salvia marashica (Lamiaceae), a new species from Turkey**
Ilcim A., Celep F., DOĞAN M.
ANNALES BOTANICI FENNICI, vol.46, no.1, pp.75-79, 2009 (SCI-Expanded)
- LXIV. **A New Record for the Flora of Turkey: Salvia viscosa Jacq. (Labiatae)**
Celep F., DOĞAN M., DURAN A.
TURKISH JOURNAL OF BOTANY, vol.33, no.1, pp.57-60, 2009 (SCI-Expanded)
- LXV. **A New Record for the Flora of Turkey: Salvia macrosiphon Boiss. (Labiatae)**
Kahraman A., Celep F., DOĞAN M.
TURKISH JOURNAL OF BOTANY, vol.33, no.1, pp.53-55, 2009 (SCI-Expanded)
- LXVI. **A first vouchered wild record for the flora of Turkey: Aegilops juvenalis (Thell.) Eig (Poaceae)**
Cabi E., DOĞAN M.
TURKISH JOURNAL OF BOTANY, vol.33, no.6, pp.447-452, 2009 (SCI-Expanded)
- LXVII. **Synopsis of Turkish Acantholimon Boiss. (Plumbaginaceae)**
Dogan M., Akaydin G.
BOTANICAL JOURNAL OF THE LINNEAN SOCIETY, vol.154, no.3, pp.397-419, 2007 (SCI-Expanded)
- LXVIII. **The characterization and differentiation of higher plants by Fourier transform infrared spectroscopy**
Gorgulu S. T., Dogan M., Sevencan F.

- APPLIED SPECTROSCOPY, vol.61, no.3, pp.300-308, 2007 (SCI-Expanded)
- LXIX. A numerical taxonomic study of the genus *Acantholimon* Boiss Plumbaginaceae in Ankara Province Turkey
MUVAFFAK A., DOĞAN M., BİLGİN C. C.
Israel Journal Of Plant Sciences, vol.49, pp.297-300, 2001 (SCI-Expanded)
- ### Articles Published in Other Journals
- I. Leaf micromorphology of *Lathyrus* sect. *Lathyrostylis* (Fabaceae) and its taxonomic significance
togan i., mazaheri r., DOĞAN M.
The Herb Journal of Systematic Botany, vol.26, no.2, pp.73-95, 2019 (Peer-Reviewed Journal)
 - II. A new combination and status of *Ventenata subnervis* subsp. major: *Pilgerochloa major* (Poaceae, Aveneae) from East Anatolia, Turkey
DOĞAN M., behçet l.
The Herb Journal of Systematic Botany, vol.26, no.1, pp.53-62, 2019 (Peer-Reviewed Journal)
 - III. A New Combination and Status ovf *Ventenata subnervis* subsp. major: *Pilgerochloa major*(Poaceae, Avenae) From East Anatolia, Turkey
DOĞAN M., BEHÇET L.
Ot Sistematīk Botanik Dergisi, vol.26, no.1, pp.53-62, 2019 (Peer-Reviewed Journal)
 - IV. Pericarp ultrastructure of *Salvia* section *Hemisphace* (Mentheae, Nepetoideae, Lamiaceae)
KAHRAMAN A., DOĞAN M., BÜYÜKKARTAL H. N.
Commagene Journal of Biology, vol.2, no.1, pp.1-7, 2018 (Peer-Reviewed Journal)
 - V. *Aegilops triuncialis* subsp. *bozdagensis* (Poaceae), a new subspecies from South-Western Turkey
CABİ E., EKİCİ B., DOĞAN M.
Acta Biologica Turcica, vol.31, no.2, pp.56-61, 2018 (Peer-Reviewed Journal)
 - VI. Multivariate analysis of some species of the genus *Lathyrus* L. (Papilionoideae, Fabaceae) based on anatomical, micromorphological and macromorphological data
KAHRAMAN A., ÇILDİR H., DOĞAN M., BÜYÜKKARTAL H. N.
Usak University Journal of Science and Natural Sciences, vol.1, no.2, pp.65-84, 2017 (Peer-Reviewed Journal)
 - VII. Rediscovery of *Marrubium depauperatum* (Lamiaceae) from CentralAnatolia in Turkey
AKGÜL G., Ketenoglu O., DOĞAN M.
Ot Sistematīk Botanik Dergisi, vol.24, no.2, pp.85-93, 2017 (Peer-Reviewed Journal)
 - VIII. Two New Species of *Limonium* Mill.(Plumbaginaceae) from Southwest Anatolia,Turkey
DOĞAN M., AKAYDIN G.
Ot Sistematīk Botanik Dergisi_ The Herbs Journal of Systematic Botany, vol.24, no.2, pp.13-28, 2017 (Peer-Reviewed Journal)
 - IX. Comparative Anatomical and Micromorphological Studies on Some Species of *Lathyrus* L. sect. *Lathyrus* (Papilionoidea, Fabaceae)
ÇILDİR H., KAHRAMAN A., DOĞAN M., BÜYÜKKARTAL H. N.
Commagene Journal of Biology, vol.1, no.1, pp.42-50, 2017 (Peer-Reviewed Journal)
 - X. A new species of *Marrubium* L. (Lamiaceae) from Turkey
AKGÜL G., Ketenoglu O., DOĞAN M.
Ot Sistematīk Botanik Dergisi, vol.24, no.2, pp.37-46, 2017 (Peer-Reviewed Journal)
 - XI. The Comparison of Volatile Components of *Salvia ceratophylla* L Collected from Different Regions in TURKEY
Başer K. H. C., AĞALAR H. G., CELEP F., KAHRAMAN A., DOĞAN M., DEMİRCİ B.
Turkish Journal of Pharmaceutical Sciences, 2015 (Scopus)
 - XII. Infrageneric Grouping of Turkish *Acantholimon* Boiss Plumbaginaceae Assessed by Numerical Taxonomy
Doğan M., Akaydin G., Ambarli D.

Books & Book Chapters

- I. **12, 18, 19, 20. bölümler**
DOĞAN M.
in: Bitki Biyolojisi, İsmail Türkan, Editor, Palme Yayıncılık, Ankara, pp.234-501, 2018
- II. **12,18,19,20**
Altınlıç A., AYAZ F. A., DOĞAN M., EKMEKÇİ Y., Kadıoğlu A., GÜREL E., ÖZDEMİR F., TÜRK A., BAYÇU KAHYAOĞLU G., BOR M., et al.
in: Bitki Biyolojisi, İsmail Türkan, Editor, Palme, Ankara, pp.234-500, 2016
- III. **Ulusal Çevre Eylem Planı**
DOĞAN M.
DPT, 1997

Refereed Congress / Symposium Publications in Proceedings

- I. **Understanding and conservation of medicinal plants: A case study of *Salvia* L. (Lamiaceae) in Turkey**
DOĞAN M., DOĞAN H. M., CELEP F.
2nd International Cogress on Plant Biology, 20 - 23 June 2019
- II. **Systematic Revision of the genus *Lamium* (Lamiaceae) in Turkey**
CELEP F., ATALAY Z., KARAER F., DOĞAN M.
2nd International Congress on Plant Biology, Samsun, Turkey, 20 - 23 June 2019
- III. **Türkiye'de Bulunan *Salvia* L. (Lamiaceae) Cinsinin Sistematisk Yapısının Anlaşılmamasında Nümerik Sistematisk Moleküler Filogenetik ve Tozlaşma Ekolojisi Araştırmaları**
DOĞAN M.
24. Ulusal Biyoloji Kongresi, Manisa, Turkey, 10 - 14 September 2018
- IV. **Pollen Morphology of Some Taxa of *Aegilops* Genus in Triticeae (Gramineae) Tribe**
BAŞER B., CABİ E., DOĞAN M., PEHLİVAN S.
Ekoloji 2018, 19 - 23 June 2018
- V. **POLLEN MORPHOLOGY OF SOME TAXA OF *AMBLYOPYRUM* EIG. AND *TAENIATHERUM* NEVSKI GENUS IN TRITICEAE (GRAMINEAE) TRIBE**
BAŞER B., CABİ E., DOĞAN M., PEHLİVAN S.
INTERNATIONAL CONFERENCE ON STEM AND EDUCATIONAL SCIENCES, 3 - 05 May 2018
- VI. **POLLEN MORPHOLOGY OF SOME TAXA OF *ELYMUS* L. GENUS IN TRITICEAE (GRAMINEAE) TRIBE**
BAŞER B., CABİ E., DOĞAN M., PEHLİVAN S.
INTERNATIONAL CONFERENCE ON SCIENCE, TECHNOLOGY, ENGINEERING, MATHEMATICS (STEM) AND EUCATONAL SCIENCES, 3 - 05 May 2018
- VII. **Triticeae Dumort. (Gramineae) Tribus'unda Bulunan *Hordeum* L., *Triticum* L., *Secale* L. Cinslerine Ait Bazı Taksonların Polen Morfolojileri**
BAŞER B., CABİ E., DOĞAN M., Pehlivan S.
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), 26 - 27 April 2018
- VIII. **Numerical taxonomy of the genus *Salvia* (sage) in East and Southeast Anatolia**
KAHRAMAN A., DOĞAN M., ARI N.
International Symposium on Multidisciplinary Studies and Innovative Technologies, Turkey, 2 - 04 November 2017, pp.196
- IX. **Comparative Micromorphological Floral Features as Regards 3 Sections of *Acantholimon* Boiss. (Plumbaginaceae) Genus from Turkey**

- CANDAN F., DOĞAN M.
 8. International Symposium on Ecology and Environmental Problems, Çanakkale, Turkey, 4 - 07 October 2017,
 pp.76
- X. **Macromorphological and Micromorphological Floral Peculiarities of Acantholimon Boiss.**
(Plumbaginaceae) genus from Turkey
 CANDAN F., DOĞAN M.
 The 3rd International Symposium on Euroasian Biodiversity, Minsk, Belarus, 5 - 08 July 2017, pp.263
- XI. **Molecular Phlogeny of Acantholimon Boiss. (Plumbaginaceae) Genus from Turkey**Related TRN and
 ITS Regions
 CANDAN F., UYSAL T., DOĞAN M., BOZKURT M.
 The 3rd International Symposium on EuroAsian Biodiversity (SEAB-2017), 5 - 08 July 2017
- XII. **Aegilops triuncialis subsp.bozdagense (Poaceae), a new subspecies from South-Western Turkey**
 CABİ E., DOĞAN M., EKİCİ B.
 SEAB 2017, 5 - 08 July 2017
- XIII. **The Chorology of the Genus Aegilops L in Turkey**
 CABİ E., DOĞAN M.
 IMCOFE International Multidisiplinary Congress of Eurasia, 05 June 2016 - 14 January 2017
- XIV. **Free radical scavenging capacity of ethyl acetate extract of Salvia tomentosa**
 Onay M., ÇORUH N., Celep F., DOĞAN M.
 European Biotechnology Congress, İstanbul, Turkey, 28 September - 01 October 2011, vol.22
- XV. **Total phenolics content of the ethyl acetate extract of Salvia tomentosa**
 Onay M., ÇORUH N., Celep F., DOĞAN M.
 59th International Congress and Annual Meeting of the Society-for-Medicinal-Plant-and-Natural-Product-Research,
 Antalya, Turkey, 4 - 09 September 2011, vol.77, pp.1314

Supported Projects

- SON Ç. D., ZABCİ S., İZGÜ K. F., ATAY Ö., DOĞAN M., YANIK T., KOCABIYIK S., ÖNDE S., Project Supported by Higher Education Institutions, G-alpha (i) proteinlerinin homodimerizasyonunun canlı hücrelerde tespiti, 2018 - 2019
- SON Ç. D., ZABCİ S., İZGÜ K. F., DOĞAN M., KOCABIYIK S., MİMİROĞLU D., Project Supported by Higher Education Institutions, Kokain ve Amfetaminle Regüle Edilen Transcript (CART) ile uyarılan fare hipofiz bezî hücre hattında p-ERK yanıtının incelenmesi, 2017 - 2017
- GÖZEN A. G., BEKLİOĞLU M., KEPENEK E. Ş., İZGÜ K. F., GÜNDÜZ U., GÜRSEL M., DOĞAN M., ÖZCENGİZ G., BİLGİN C. C., ÖNDE S., Project Supported by Higher Education Institutions, Kurşun ve Kadmiyum Ağır Metallerinin Yüksek Derişimlerine alıştırılmış Çevresel Bakterilerde Maruziyet Altındaki Fizyolojik Uyumlamanın Moleküler Kökenleri, 2016 - 2016
- GÖZEN A. G., BEKLİOĞLU M., İZGÜ K. F., GÜRSEL M., DOĞAN M., ÖZCENGİZ G., BİLGİN C. C., ÖNDE S., Project Supported by Higher Education Institutions, Tatlısu Acinetobacter türlerinin antibiyotik maruziyeti altında sergiledikleri moleküler değişimlerin belirlenmesi, 2015 - 2015
- DOĞAN M., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015
- DOĞAN M., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015
- DOĞAN M., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015
- DOĞAN M., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015
- DOĞAN M., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015
- GÖZEN A. G., ÖKTEM H. A., BUCAK T., COPPENS J. E. P., KALVENAS J. E., İZGÜ K. F., BEKLİOĞLU M., BİRAND ÖZSOY A. C.,

GÜNDÜZ U., GÜRSEL M., et al, Project Supported by Higher Education Institutions, Sucul biofilm bakterilerinin arsenik, nikel ve kadmiyum dirençlerinin belirlenmesi ve moleküler karakterizasyonu, 2013 - 2014

DOĞAN M., Project Supported by Higher Education Institutions, A Scanning Electron Microscope Survey Of Floral Micromorphology İn The Genus Alopecurus L. (tribe Phleaeae Dum. Gramineae), 2012 - 2012

DOĞAN M., Project Supported by Higher Education Institutions, Mikromorfolojik Bir Araştırma, 2011 - 2011

Metrics

Publication: 99

Citation (WoS): 976

Citation (Scopus): 713

H-Index (WoS): 19

H-Index (Scopus): 14

Non Academic Experience

YÜKSEKÖĞRETİM KURULU BAŞKANLIĞI- Onsekiz Mart ÜNİV.

TÜBİTAK

METU

METU

YÜKSEKÖĞRETİM KURULU BAŞKANLIĞI- ABANT ÜNİV.

METU