

Assoc. Prof. NADİRE PELİN BAHADIRLI

Personal Information

Email: npengin@mku.edu.tr

Web: <https://avesis.mku.edu.tr/npengin>

International Researcher IDs

ScholarID: wT95cZwAAAAJ

ORCID: 0000-0001-7321-5377

Publons / Web Of Science ResearcherID: AAG-9751-2019

ScopusID: 57190533927

Yoksis Researcher ID: 30020

Education Information

Undergraduate, Kahramanmaraş Sutcu Imam University, Turkey 2007 - Continues

Doctorate, Hatay Mustafa Kemal University, FEN BİLİMLERİ ENSTİTÜSÜ, Turkey 2014 - 2019

Postgraduate, Turkey 2013 - 2014

Undergraduate, Cukurova University, Ziraat Fakültesi, Turkey 2008 - 2011

Foreign Languages

English

Dissertations

Doctorate, Adaçayında (*Salvia* spp.) türler arası melezleme çalışmaları ile melezlerin morfolojik ve kalite özelliklerinin belirlenmesi, Hatay Mustafa Kemal University, FEN BİLİMLERİ ENSTİTÜSÜ, 2019

Postgraduate, Hatay ilinde doğal olarak yetişen adaçayı (*salvia* spp.) populasyonlarının SSR markörleri ile moleküler karakterizasyonu ve sitogenetik analizleri, 2014

Academic Titles / Tasks

Hatay Mustafa Kemal University, ZİRAAT FAKÜLTESİ, 2022 - Continues

Research Assistant, 2017 - Continues

Research Assistant, 2012 - 2017

Courses

Mesleki İngilizce, Undergraduate, 2023-2024

Mesleki Uygulama I, Undergraduate, 2023-2024

Tıbbi ve Aromatik Bitkiler, Undergraduate, 2022-2023

PUBLISHED JOURNAL ARTICLES INDEXED BY SCI, SSCI, AND AHCI

- I. **Diurnal, and seasonal dynamics in essential oil content and composition of cultivated *Helichrysum italicum* (Roth) G. Don**
BAHADIRLI N. P., YILDIRIM M. U., SARIHAN E. O.
Biochemical Systematics and Ecology, vol.117, 2024 (SCI-Expanded)
- II. **IMPROVING THE STORAGE QUALITY OF POMEGRANATE FRUIT BY COMBINING MODIFIED ATMOSPHERE PACKAGING AND ORIGANUM SYRIACUM VOLATILE ESSENTIAL OIL**
Kahramanoglu I., OKATAN V., Panfilova O., ÜNAL N., BİLGİN J., Guclu S. F., Bahadirli P., KİTİŞ Y. E.
Pakistan Journal of Botany, vol.56, no.1, pp.305-313, 2024 (SCI-Expanded)
- III. **Unlocking nature's potential: anticancer potential of *Helichrysum sanguineum* (L.) Kostel on breast cancer cells and its chemical composition**
Yabalak E., BAHADIRLI N. P., Yetkin D., Yıldız F. D., Han Türkseven Ç.
International Journal of Environmental Health Research, 2024 (SCI-Expanded)
- IV. **Investigation of antibacterial activity and mechanism of *T. spicata* essential oil, and activation of the hydrosol formed as a by-product with UV**
Erdoğan Eliuz E., BAHADIRLI N. P.
Biologia, vol.78, no.4, pp.1161-1170, 2023 (SCI-Expanded)
- V. **Impacts of edible coatings enriched with laurel essential oil on the storage life of strawberry 'Camarosa' fruits**
Kahramanoğlu İ., BAHADIRLI N. P., OKATAN V., Wan C.
Bragantia, vol.81, 2022 (SCI-Expanded)
- VI. **Comparison of Chemical Composition and Antimicrobial Activity of *Salvia fruticosa* Mill. and *S. aramiensis* Rech. Fill. (Lamiaceae)**
BAHADIRLI N. P.
Journal of Essential Oil-Bearing Plants, vol.25, no.4, pp.716-727, 2022 (SCI-Expanded)
- VII. **Genetic diversity of *Salvia* species from Turkey assessed by microsatellite markers**
BAHADIRLI N. P., Ayanoglu F.
Journal of Applied Research on Medicinal and Aromatic Plants, vol.20, 2021 (SCI-Expanded)
- VIII. **Exposure to volatile essential oils of myrtle (*Myrtus communis* L.) leaves for improving the postharvest storability of fresh loquat fruits**
BAHADIRLI N. P., Kahramanoğlu I., Wan C.
Journal of Food Quality, vol.2020, 2020 (SCI-Expanded)
- IX. **Determination of heavy metal contents and some basic aspects of widely used herbal teas in Turkey**
Tercan H. S., Ayanoglu F., BAHADIRLI N. P.
Revista de Chimie, vol.67, no.5, pp.1019-1022, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Priming Effects on Germination Parameters of Vulnerable *Salvia aramiensis* Rech. f. Harvested from Different Locations**
BAHADIRLI N. P.
ANADOLU Ege Tarımsal Araştırma Enstitüsü Dergisi, vol.34, 2024 (Peer-Reviewed Journal)
- II. **Determination of fresh and dry herb yield and quality characterization of different coriander (*Coriandrum sativum* L.) populations grown under Eastern Mediterranean conditions**
MERT A., BAHADIRLI N. P.
MUSTAFA KEMAL UNIVERSITY JOURNAL OF AGRICULTURAL SCIENCES (MKUJAS), vol.29, no.1, pp.55-61, 2024 (Peer-Reviewed Journal)
- III. **Anticandidal Activity and Anticandidal Mechanism of Essential Oil of *Cuminum cyminum* L. and *Myrtus communis* L. Mixture**
ERDOĞAN E., BAHADIRLI N. P.
Kahramanmaraş Sütçü İmam Üniversitesi Tarım ve Doğa Dergisi, vol.25, no.Ek-2, pp.391-401, 2022 (Peer-

Reviewed Journal)

- IV. **Plant preference of honey bee (*Apis mellifera* L.) over some plants grown in Mustafa Kemal University Campus**
BAHADIRLI N. P., GÜL A.
Mustafa Kemal Üniversitesi tarım bilimleri dergisi (online), vol.25, no.2, pp.211-216, 2020 (Peer-Reviewed Journal)
- V. **Essential oil compositions of *Daphne sericea* vahl.flowers with hydrodistillation method**
BAHADIRLI N. P., TÜRKMEN M.
American Journal of Essential Oils and Natural Products, 2020 (Peer-Reviewed Journal)
- VI. **Essential oil content and compositions of naturalized *tagetes minuta* L. (wild marigold)**
BAHADIRLI N. P.
Natural Volatiles and Essential Oils, vol.7, no.2, pp.17-21, 2020 (Scopus)
- VII. **Economically Important Sage Species from Turkey: *Salvia fruticosa* Mill. and *S. aramiensis* Rech fil.**
BAHADIRLI N. P.
Current Perspectives on Medicinal and Aromatic Plants (CUPMAP), vol.3, no.1, pp.31-42, 2020 (Peer-Reviewed Journal)
- VIII. **Essential oil content and composition of *Cotinus coggygria* Scop. from Hatay, Turkey**
BAHADIRLI N. P.
International Journal of Agriculture, Forestry and Life Sciences, 2020 (Peer-Reviewed Journal)
- IX. **DETERMINATION OF SOME MORPHOLOGICAL AND CHEMICAL CHARACTERISTICS OF SARSAPARILLA (*Smilax aspera* L. and *Smilax excelsa* L.)**
YILDIZ Ö. Ş., AYANOĞLU F., BAHADIRLI N. P., TÜRKMEN M.
Journal of Agricultural, Food and Environmental Sciences, vol.73, no.1, 2019 (Peer-Reviewed Journal)
- X. **PROMISING BAY LAUREL (*Laurus nobilis* L.) GENOTYPES FROM NATIVE FLORA FOR FRUIT PRODUCTION**
AYANOĞLU F., KAYA D. A., MERT A., KOÇER O., TÜRKMEN M., BAHADIRLI N. P.
Journal of Agricultural, Food and Environmental Sciences, vol.73, no.1, pp.17-25, 2019 (Peer-Reviewed Journal)
- XI. **Preliminary Results: Assessment Of New *Salvia* Chemotypes For Herbal Tea Industry By Hybridization**
BAHADIRLI N. P., AYANOĞLU F.
SCIENTIFIC PAPERS-SERIES A-AGRONOMY, vol.62, no.1, pp.501-506, 2019 (Peer-Reviewed Journal)
- XII. **Some Morphological and Chemical Characteristics of Sarsaparilla (*Smilax aspera* L., *Smilax excelsa* L.)**
YILDIZ Ö. Ş., AYANOĞLU F., BAHADIRLI N. P.
MUSTAFA KEMAL UNIVERSITY JOURNAL OF AGRICULTURAL SCIENCES (MKUJAS), vol.23, no.2, pp.254-261, 2018 (Peer-Reviewed Journal)
- XIII. **Doğu Karadeniz Bölgesinde Doğal Olarak Yetişen *Salvia forskahlei* L. ve *Salvia glutinosa* L. Türlerinin Uçucu Yağ Oranları ve Uçucu Yağ Bileşenlerinin Belirlenmesi**
MUTLU G., AYANOĞLU F., BAHADIRLI N. P.
MUSTAFA KEMAL UNIVERSITY JOURNAL OF AGRICULTURAL SCIENCES (MKUJAS), vol.22, no.1, pp.40-47, 2017 (Peer-Reviewed Journal)
- XIV. **Biberiye *Rosmarinus officinalis* L Bitkisinin Uçucu Yağ Oranı Uçucu Yağ Bileşenleri ve Antioksidan İçeriğinde Morfogenetik ve Ontogenetik Varyabilite**
Başkaya Ş., AYANOĞLU F., BAHADIRLI N. P.
MUSTAFA KEMAL UNIVERSITY JOURNAL OF AGRICULTURAL SCIENCES (MKUJAS), vol.21, no.1, pp.12-20, 2016 (Peer-Reviewed Journal)
- XV. **Hatay Koşullarında Yetiştirilen Aşotu (*Coriandrum sativum* L.) Bitkisinin Yaş Herba ve Tohum Uçucu Yağ Oranlarının ve İçeriklerinin Belirlenmesi**
BAHADIRLI N. P., TÜRKMEN M., MERT A.
Biyoloji Bilimleri Araştırma Dergisi, vol.9, no.2, 2016 (Peer-Reviewed Journal)
- XVI. **Comparison of Proximate, Fatty Acids and Element Composition of Different Varieties (Cultivars) and Species of Flax Seeds**

Books & Book Chapters

- KEKİK YETİŞTİRİCİLİĞİNDE YABANCI OT KAYNAKLI PİROLİZİDİN ALKALOİTLERİ SORUNU**
BAHADIRLI N. P., Alptekin H., GÜRBÜZ R.
in: TARLA BİTKİLERİ TARIMI VE GÜNCEL YAKLAŞIMLAR, Ruveyde Tunçtürk; Murat Tunçtürk, Editor, IKSAD PUBLISHING HOUSE, pp.95-114, 2023

Refereed Congress / Symposium Publications in Proceedings

- Variations of essential oil contents and components of 16 wild Salvia species and propagated clones**
AYANOĞLU F., KAYA D. A., BAHADIRLI N. P., TÜRKMEN M.
48 th ISEO-2017, 10 - 13 September 2017
- Variation on macro and micro nutrients content of Salvia spp. in nature and culture conditions**
AYANOĞLU F., UYGUR V., BAHADIRLI N. P., KOÇER O.
Advances in Lamiaceae Science Symposium, Antalya, Turkey, 26 - 29 June 2017
- Molecular Characterization of Some Sage Species (Salvia spp.) with Microsatellite Markers in Flora of Hatay, Turkey**
BAHADIRLI N. P., AYANOĞLU F., KARATAŞ YÜKSEL C., ERGÜL A.
Advances in Lamiaceae Science Symposium, Turkey, 26 - 29 April 2017

Supported Projects

- BAHADIRLI N. P., Project Supported by Higher Education Institutions, Bazı kekik genotiplerinde (*Origanum* spp., *Thymus* spp.) organik ve mineral gübrelerin agronomik ve teknolojik özelliklere etkisinin belirlenmesi, 2021 - Continues
- BAHADIRLI N. P., GEÇGEL C., YABALAK E., TUBİTAK Project, Subkritik Su ile Tarımsal Biyoatıklardan Hidrokömür Sentezlenmesi, Sentezlenen Hidrokömürlerin Sulardan Amonyum Gideriminde Kullanılarak Zenginleştirilmesi ve Tarımsal Üretimde Uygulanması, 2022 - 2024
- BAHADIRLI N. P., MERT A., TİMUR M., Project Supported by Higher Education Institutions, Hatay florasında bulunan bazı *Helichrysum* türlerinde farklı populasyonların tespit edilerek kalite kriterleri açısından değerlendirilmesi, 2022 - 2023
- BAHADIRLI N. P., Project Supported by Higher Education Institutions, Hatay adaçayı (*Salvia aramiensis* Rech. fil.) tohumlarının çimlenmeleri üzerine farklı lokasyonların ve ekim öncesi uygulamaların etkileri, 2020 - 2022
- BAHADIRLI N. P., KAYA D. A., TÜRKMEN M., AYANOĞLU F., TUBİTAK Project, Bitkisel Çay Olarak Kullanıma Uygun *Salvia Aramiensis* Rech. Fil. (Antakya Adaçayı) Kemotiplerinin Klonal Seleksiyonu, 2019 - 2022
- BAHADIRLI N. P., AYANOĞLU F., Project Supported by Higher Education Institutions, Adaçayında (*Salvia* spp.) Tür İçi ve Türler Arası Melezleme Çalışmaları, 2018 - 2020
- KAYA D. A., BAHADIRLI N. P., SARIHAN E. O., AYANOĞLU F., Project Supported by Higher Education Institutions, Çalı formunda Defne (*Laurus nobilis* L.) Yetiştiriciliğinde Farklı Dikim Sıklığı ve Hasat Zamanlarının Yaprak ve Uçucu Yağ Verimine Etkileri, 2013 - 2017
- BAHADIRLI N. P., AYANOĞLU F., Project Supported by Higher Education Institutions, Hatay yöresinde doğal olarak yetişen adaçayı *Salvia* spp populasyonlarının SSR markörler ile genetik karakterizasyonu ve sitogenetik analizleri, 2014 - 2015

Metrics

Citation (Scopus): 47

H-Index (Scopus): 4

Non Academic Experience

Garden&Koala

Beta Fidancılık