

AFYONKABAHISAR SAGLIK BILIMLERI UNIVERSITIESI CURRICULUM VITAE AND PUBLICATIONS LIST

CURRICULUM VITAE

Academic Title: Assistant Professor

Work Address:

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Area of Expertise: Agricultural Sciences

Alkaloidal Crops (tobacco,tea,coffee,cacao,poppies,cola

nuts, chicory, marijuana, etc.)

Infield Plants

Tarımsal Bilimler > Diğer > Ziraat Mühendisliği

Degree	Department/Program	University	Year
Doctorate	TARLA BİTKİLERİ BÖLÜMÜ	Çukurova University	2014
Master's Degree	Tarla Bitkileri ve Islahı		2009
Bachelor's Degree			2005

Position Title	Workplace	Year
Assistant Professor	Afyonkarahisar Health Sciences University	2025-Continues
Lecturer	Afyonkarahisar Health Sciences University	2024-Continues
Assistant Professor	Afyonkarahisar Health Sciences University	2021-2023
Lecturer	Afyon Kocatepe University	2014-2021

Supervised Master's Theses:

- 1. The effects of foliar application with nano Zn, KNO3, Methanol and Graphene on growth and some physiological characteristics of Anethum graveolens L. under salinity stress (2019)
- 2. Foliar application of grapheme and diverse source of Fe and Zn affected the growth and yield of Artemisia dracunculus under salinity stress (2019)
- 3. The effects of foliar application of nano-Fe (Magnetic Iron) and Se on the growth and yield of two Satureja species under salinity stress (2019)

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

- A1. "Volatile oil content and composition in fresh and dried Lavandula species: The impact of distillation time", Biochemical Systematics and Ecology, 2025.
- A2. "Volatile compounds of Origanum onites L. herbal tea influenced by brewing durations", Biochemical Systematics and Ecology, 2023
- A3. "Mollifying Salt Depression on Anethum graveolens L. by the Foliar Prescription of Nano-Zn, KNO3, Methanol, and Graphene Oxide", Journal of Soil Science and Plant Nutrition, 2022.
- A4. "AGRONOMIC YIELD AND ESSENTIAL OIL PROPERTIES OF PURPLE CONEFLOWER (Echinacea purpurea L. MOENCH) WITH DIFFERENT NUTRIENT APPLICATIONS", Chilean journal of agricultural & amp; animal sciences, 2022.

- A5. "Foliar application of graphene oxide, Fe, and Zn on Artemisia dracunculus L. under salinity", Scientia Agricola, 2022.
- A6. "Growth responses and essential oil profile of Salvia officinalis L. Influenced by water deficit and various nutrient sources in the greenhouse", Saudi Journal of Biological Sciences, 2021.
- A7. "The Effects of Marginal Land Conditions and Planting Time on the Yield and Quality of *Mentha* x *piperita*", Tekirdağ Ziraat Fakültesi Dergisi, 2021.
- A8. "Planting-date and cutting-time affect the growth and essential oil composition of Mentha × piperita and Mentha arvensis", Industrial Crops and Products, 2021.
- A9. "PHENOLOGICAL CYCLE AND DIURNAL VARIATION EFFECTS ON THE VOLATILE OIL CHARACTERISTICS OF SAGE (Salvia officinalis L.)", Trakya University Journal of Natural Sciences, 2021.
- A10. "Planting-date and cutting-time affect the growth and essential oil composition of *Mentha* x *piperita* and *Mentha arvensis*", INDUSTRIAL CROPS AND PRODUCTS, 2021.
- A11. "Influence of Planting Date on Growth, Yield, and Volatile Oil of Menthol Mint (M. arvensis) Under Marginal Land Conditions", Journal of Essential Oil Bearing Plants, 2021.
- A12. "Chemical Specification of Wild Salvia tomentosa Mill. Collected From Inner Aegean Region of Turkey", ZEITSCHRIFT FUR ARZNEI- & GEWURZPFLANZEN, 2020.
- A13. "Chemical Specification of Wild Salvia tomentosa Mill. Collected From Inner Aegean Region of Turkey", Zeitschrift für Arznei- & Gewürzpflanzen, 2020.
- A14. "Qualitative Variations of Lavandin Essential Oil under Various Storage Conditions", Journal of Essential Oil Bearing Plants, 2020
- A15. "Effect of drought stress and seed pretreatment with CCC on yield and yield components of maize varieties Misir varyetelerinde kuraklik stresi ve tohumlarina cycocel uygulamasinin verim ve verim componentleri üzerine etkisi", Tekirdağ Ziraat Fakültesi Dergisi, 2019.
- A16. "Ontogenetik Varyabilite ve Bitki Yoğunluğunun Şeker Otu Verimine Etkisi", Kahramanmaraş Sütçü İmam Üniversitesi Doğa Bilimleri Dergisi, 2017.
- A17. "Chemical compositions of essential oil of some *Citrus* spp. (Sour, Lemon, Kumquat, Mandarin and Orange) peels", ZEITSCHRIFT FUR ARZNEI- & GEWURZPFLANZEN, 2016.
- A18. "Chemical compositions of essential oil of some Citrus spp. (Sour, Lemon, Kumquat, Mandarin and Orange) peels", Zeitschrift für Arznei- & Gewürzpflanzen, 2016.

B. Papers presented at international scientific meetings and published in proceedings:

- B1. "Effects of Different Nitrogen Levels on Some Agronomical Characteristics of Echinacea purpurea L. Moench.", 4th Global Conference on Engineering Research (GLOBCER'24), 2024.
- B2. "Safranın biyoaktivite ve tıbbi özelliklerine genel bakış,", 1st International Traditional and Complementary Medicine Congress, 2018.

C. National/international books written or chapters in books:

C1. National/international books written:

- C1.1. "Türkiye'nin Baharatları", İstanbul Ticaret Borsası Yayınları, 2023.
- C1.2. "Tıbbi ve Aromatik Bitkiler El Kitapları (14 Cilt)", Orman ve Su İşleri Bakanlığı Yayını, 2016.
- C1.3. "Honey Bee and Its Role of Ecosystem", Jahad Daneshgahi Publication, 2010.

C2. Chapters in national/international books written:

C2.1. "Tıbbi ve Aromatik Bitkiler Üretiminde Yenilikçi Yaklaşımlar", İKSAD, 2022.

D. Articles published in national peer-reviewed journals:

- D1. "Ethnobotanical study of medicinal plants effective on prostate in Abdanan city, Ilam Province, western Iran", Plant Biotechnology Persa, 2025.
- D2. "A Concise Review on Ultraviolet Radiation and Its Potential to Enhance the Pharmacological Profile of Medicinal Plants via Secondary Metabolite Production", Plant Biotechnology Persa, 2025.
- D3. "The role of plant secondary metabolites in industry, medicine, and health care", Journal of Biochemicals and Phytomedicine, 2024.
- D4. "Investigating the effect of total antioxidant capacity of medicinal plants Salsola rigida and Triticum aestivum", Plant Biotechnology Persa, 2023.
- D5. "The Antioxidant Effect of Rosemary on the Oxidation Stability of Refined Sunflower Oil", European Journal of Science and Technology, 2023.

- D6. "Ethno-Botanical Study of Appetizing Medicinal Plants Used in Musian City, West of Iran", Journal of Biochemicals and Phytomedicine, 2023.
- D7. "Medicinal Herbs Affecting Cancers in Iran and the World", Plant Biotechnology Persa, 2022.
- D8. "Spectroscopic analysis Oliveria decumbent Vent by Fourier transform infrared spectroscopy", Plant Biotechnology Persa, 2021.
- D9. "Determination of chemical properties and antioxidant effect of Salvia officinalis L.", Bartın University International Journal of Natural and Applied Sciences, 2021.
- D10. "Moringa Ağacı (Moringa oleifera Lam.): Biyolojik Özellikleri, Kültürü ve Tıbbi Faydaları", Bağbahçe Bilim Dergisi, 2021.
- D11. "Effects of various nutrient sources on growth and essential oil characteristics of Salvia officinalis L. in greenhouse", Alinteri Journal of Agricultural Sciences, 2021.
- D12. "Chemical components of volatile oil and fatty acids of wild Bunium persicum (Boiss.) B. Fedtsch. And cultivated Cuminum cyminum L. populations Kemijska sestava hlapnih olj in maščobnih kislin samoniklih populacij črne gomoljaste kumine (Bunium persicum (Boiss.) B. Fedtsch.) in gojenih populacij rimske kumine (Cuminum cyminum L.)", Acta agriculturae Slovenica, 2021.
- D13. "The effect of different harvest dates on the yield and quality properties of rosemary (Rosmarinus officinalis L.) plant", Biological Diversity and Conservation, 2019.
- D14. "Effects of Different Plant Density and Cutting Times on Yield of Stevia under the Çukurova Conditions", International Journal of Secondary Metabolite, 2017.

E. Papers presented at national scientific meetings and published in proceedings:

- E1. "Maydonoz (Petroselinum crispum) ve Dereotu (Anethum graveolens) yapraklarının elde edilen uçucu yağların bazı yemeklik yağlar üzerine antioksidan etkileri", YABİTED III. Vegetable Oil Congress, 2017.
- E2. "Afyon yöresinde yetiştirilen maydonoz (Petroselium crispum) ve dereotu (Anethum graveolens) yapraklarının uçucu yağ kimyasal bileşenleri", 16. Kromatografi Kongresi, 2016.
- E3. "The investigation of the volatile oil amount and chemical compositions of two thyme species (Thymus vulgaris L. and Thymus × citriodorus L.) under Afyonkarahisar climate conditions, Turkey", 5th National Congress on Agriculture and Sustainable Natural Resources, 2016.
- E4. "The effect of various planting densities on yield and chemical characteristics of Stevia rebaudiana b. in pre-winter cutting", 4th National Congress on Medicinal Plants, 2015.
- E5. "The study of warm and cool hive concept in traditional hives (skeps), Its advantages and disadvantages", 1st Congress on Honeybee and its Products on Resistive Economy, 2015.
- E6. "The effect of different sowing dates on yield and some agronomical traits of garden cress (Lepidium sativum L.) in field and unheated greenhouse conditions", 3rd congress of Biodiversity and its Effect on Agriculture and Environment, 2014.
- E7. "The effect of different sowing dates in fall and spring cultivation on morphological traits and leaf yield of coriander (Coriandrum sativum L.) in field and unheated greenhouse conditions", 3rd congress of Biodiversity and its Effect on Agriculture and Environment, 2014.
- E8. "The study of the essential oil constituents of various species of the mint flower in the flowering and after flowering stages", 2nd National Congress on Medicinal Plants, 2013.
- E9. "The investigation of the some chemical components of volatile oil of four species mint leaves in the various growth stages", 2nd National Congress on Medicinal Plants, 2013.
- E10. "The Study of the adaptation, yield and quality of the different variety of anise (Pimpinella anisum L.) under efficient and marginal lands in Çukurova area (Turkey)", 1st National Congress on Medicinal Plants, 2012.
- E11. "Effect of the using Chloromequat to treat seeds and irrigation cessation on vegetative traits and yield of corn varieties", 11th congress of Iranian Crop Science, 2010.