

## Asst. Prof. MUZAFFER MÜKEMRE

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: KAM-4357-2024

ScopusID: 55624671000

Yoksis Researcher ID: 293901

### Education Information

Doctorate, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), Turkey 2013 - 2018

Postgraduate, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), Turkey 2010 - 2013

Undergraduate, Van Yüzüncü Yil University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, Turkey 2005 - 2009

### Dissertations

Doctorate, Plantago anatolica tutel R.R. mill bitkisinin fitokimyasal analizi ve potansiyel sağlık değerlerinin araştırılması, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), 2018

Postgraduate, Konalga, Sırmalı, Dokuzdam Köyleri (Çatak-Van) ve çevrelerinin etnobotanik özellikleri, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), 2013

### Research Areas

Plant Biology, Biotechnology, Environmental Biology

### Academic Titles / Tasks

Hakkari University, Yüksekova Meslek Yüksekokulu, 2019 - Continues

### Advising Theses

Muzaffer „ Gevaş'ta (Van) toplanan propolis örneklerinin biyolojik aktiviteleri ve botanik orjinleri, Postgraduate, İ.ÇİFTÇİ(Student), 2023

Muzaffer „ Büyükçiftlik beldesi ve çevresinin (Hakkâri/Yüksekova) florası, Postgraduate, İ.DARA(Student), 2023

Muzaffer „ Hakkâri ilinde zehirli bitkiler üzerine etnotoksik bir çalışma, Postgraduate, A.KAPLAN(Student), 2022

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

- I. **Wild-Edible Allium Species from Highlands of Eastern Anatolia: Phytochemical Composition and In Vitro Biological Activities**  
Mukemre M.  
Plants, vol.13, no.14, 2024 (SCI-Expanded)
- II. **Electrochemical biosensing: from interaction between Epilobium species and DNA to an approach to detect new electroactive components in plant extracts and their effects on DNA**  
Subak H., Dalar A., MÜKEMRE M., ARIKSOYSAL D.  
Ionics, vol.30, no.3, pp.1759-1771, 2024 (SCI-Expanded)
- III. **Comprehensive metabolite and biological profile of "Sulmona Red Garlic" ecotype's aerial bulbils**  
Chiavaroli A., Masciulli F., Ingallina C., Mannina L., Maria Loreta L., Di Simone S. C., Acquaviva A., Nilofar N., Recinella L., Leone S., et al.  
Food Research International, vol.175, 2024 (SCI-Expanded)
- IV. **Adding New Scientific Evidences on the Pharmaceutical Properties of Pelargonium quercetorum Agnew Extracts by Using In Vitro and In Silico Approaches**  
Chiavaroli A., Libero M. L., Di Simone S. C., Acquaviva A., Nilofar N., Recinella L., Leone S., Brunetti L., Cicia D., Izzo A., et al.  
Plants, vol.12, no.5, 2023 (SCI-Expanded)
- V. **The phenolic profile and biological activities of the wild-edible mushrooms Helvella leucopus and Morchella pulchella**  
Acar İ., Blando F., Gul B., Greco A., MÜKEMRE M., Uzun Y., Dalar A.  
Journal of Food Measurement and Characterization, vol.15, no.1, pp.555-566, 2021 (SCI-Expanded)
- VI. **Phytochemical profile and biological activities of Anatolian Plantain (Plantago anatolica)**  
MÜKEMRE M., Konczak I., Uzun Y., Dalar A.  
Food Bioscience, vol.36, 2020 (SCI-Expanded)
- VII. **Gundelia rosea seed: Evaluation of biopharmaceutical potential and bioactive composition**  
Dalar A., Zengin G., Mukemre M., Bengu A., İşler S.  
South African Journal of Botany, vol.125, pp.505-510, 2019 (SCI-Expanded)
- VIII. **Traditional medicinal plants of Ağrı Province, Turkey**  
Dalar A., Mukemre M., Ünal M., Özgökçe F.  
Journal of Ethnopharmacology, vol.226, pp.56-72, 2018 (SCI-Expanded)
- IX. **Screening in vivo antioxidant and haematological properties of sumac and acorn bioactive rich extracts**  
Dalar A., Doğan A., Bengu A. S., Mukemre M., Çelik İ.  
Industrial Crops and Products, vol.124, pp.20-27, 2018 (SCI-Expanded)
- X. **Effects of Leontice leontopetalum and Bongardia chrysogonum on oxidative stress and neuroprotection in PTZ kindling epilepsy in rats**  
Erkeç Ö. E., Arihan O., Kara M., Karatas E., Erten R., Demir H., MERAL İ., Mukemre M., Özgökçe F.  
Cellular and Molecular Biology, vol.64, no.15, pp.71-77, 2018 (SCI-Expanded)
- XI. **Survey of wild food plants for human consumption in villages of Çatak (Van-Turkey)**  
Mükemre M., Behçet L., Çakılcıoğlu U.  
Indian Journal of Traditional Knowledge, vol.15, no.2, pp.183-191, 2016 (SCI-Expanded)
- XII. **Ethnobotanical study on medicinal plants in villages of Çatak (Van-Turkey)**  
Mükemre M., Behçet L., Çakılcıoğlu U.  
Journal of Ethnopharmacology, vol.166, pp.361-374, 2015 (SCI-Expanded)
- XIII. **Centaurea karduchorum Boiss. from Eastern Anatolia: Phenolic composition, antioxidant and enzyme inhibitory activities**  
Dalar A., Uzun Y., Mukemre M., Türker M., Konczak I.  
Journal of Herbal Medicine, vol.5, no.4, pp.211-216, 2015 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Taxonomic Characteristics and Distribution of Some Endemic and Rare Taxa of the Astragalus L. Genus in the Van City**  
GENLİ G., Kaya I., MUZAFFER M.  
Yüzüncü Yıl Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.29, no.1, pp.62-87, 2024 (Peer-Reviewed Journal)
- II. **Determining Phylogenetic Relationships of Some Endemic and Rare Astragalus Taxa in the Van Lake Basin**  
GENLİ G., Kaya I., usta m., MÜKEMRE M.  
Kahramanmaraş Sütçü İmam Üniversitesi Tarım ve Doğa Dergisi, vol.26, no.4, pp.806-814, 2023 (ESCI)
- III. **Analysis of phytochemical composition and biological activities of Helichrysum pallasii (Sprengel) ledeb leaves**  
Işık N., MÜKEMRE M., Türker R. S., Zengin G., Dalar A.  
International Journal of Secondary Metabolite, vol.10, no.1, pp.71-85, 2023 (Scopus)
- IV. **Sium sisarum L. var. lancifolium ( Bieb.) Thell a traditional spice from eastern Anatolia: Chemical composition and biological activities**  
MÜKEMRE M., Dalar A., Taylan Ş., ERTAŞ M.  
International Journal of Secondary Metabolite, vol.9, no.3, pp.268-277, 2022 (Scopus)
- V. **The phenolic profile and biological activities of common Scorzonera species from Eastern Anatolia**  
Babakr S. H., Emre M. E., MÜKEMRE M., Dalar A.  
International Journal of Secondary Metabolite, vol.9, no.4, pp.538-550, 2022 (Scopus)
- VI. **Biological activities and chemical composition of xanthoria lichens from turkey**  
MÜKEMRE M., Zengin G., Türker R. S., Aslan A., Dalar A.  
International Journal of Secondary Metabolite, vol.8, no.4, pp.376-388, 2021 (Scopus)
- VII. **Phytochemical Profile and in vitro and in vivo Anticonvulsant and Antioxidant Activities of Epilobium hirsutum**  
Dzhafar S. S., Dalar A., Mukemre M., Ekin S., Yıldız D., Yunusoglu O.  
International Journal of Secondary Metabolite, vol.7, no.2, pp.63-76, 2020 (Scopus)
- VIII. **Health attributes of ethnic vegetables consumed in the Eastern Anatolia Region of Turkey: antioxidant and enzyme-inhibitory properties**  
DALAR A., UZUN Y., TÜRKER M., MÜKEMRE M., Konczak I.  
Journal of Ethnic Foods, vol.3, pp.142-149, 2016 (Scopus)
- IX. **Dianthus vanensis (Caryophyllaceae), a new species from Turkey**  
İLÇİM A., Behçet L., Mükemre M.  
Turkish Journal of Botany, vol.37, no.2, pp.219-224, 2013 (Scopus)
- X. **New larval food-plant and pupa of the species Satyrium abdominalis in East Turkey (Lepidoptera, Lycaenidae).**  
kemal koçak m., MÜKEMRE M.  
Cesa News, 2012 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **CURRENT MEDICINAL PLANTS IN THE TREATMENT OF PARKINSON'S DISEASE**  
MÜKEMRE M., DALAR A.  
in: Brain Health and Medicinal Plants, DÜNDAR AHMET, KOÇYIĞİT AVCI MİNE, Editor, NOBEL TIP KİTABEVLERİ, İstanbul, pp.87-108, 2024
- II. **EFFECTS OF MEDICINAL PLANTS AND PHYTOCHEMICALS ON SCHIZOPHRENIA**  
DALAR A., MÜKEMRE M.  
in: Brain Health and Medicinal Plants, DÜNDAR AHMET, KOÇYIĞİT AVCI MİNE, Editor, NOBEL TIP KİTABEVLERİ, İstanbul, pp.133-168, 2024

- III. **SURUÇ NARI EKSTRELERİNİN ANTIÖKSİDAN VE ENZİM İNHİBİSYONU AKTİVİTELERİ**  
DALAR A., MÜKEMRE M., UZUN Y.  
in: SAĞLIK BİLİMLERİNDE GÜNCEL ARAŞTIRMALAR VE PRATİK BİLGİLER 2, UZUN YUSUF, DOĞAN ABDULHAD, BATTAL ABDULHAMİT, Editor, İksad Yayınevi, Ankara, pp.293-311, 2023
- IV. **DOĞU ANADOLU BÖLGESİNDE TEDAVİ AMAÇLI KULLANILAN BAZI ALLIUM TÜRLERİNİN BİYOLOJİK AKTİVİTE VE FİTOKİMYASAL KOMPOZİSYONU**  
BENGÜ A. Ş., DALAR A., MÜKEMRE M., UZUN Y.  
in: Sağlık Bilimlerinde Güncel Araştırmalar ve Pratik Bilgiler 2, UZUN YUSUF, DOĞAN ABDULHAD, BATTAL ABDULHAMİT, Editor, İksad Publications, Ankara, pp.207-228, 2023
- V. **VAN İLİNDE TEDAVİ AMACIYLA KULLANILAN MAKROMANTARLARIN BİYOLOJİK AKTİVİTE VE FENOLİK KOMPOZİSYONU**  
UZUN Y., MÜKEMRE M., AKÇAY M. E., ACAR İ., DALAR A., ÇAVUŞOĞLU Ş.  
in: SAĞLIK BİLİMLERİNDE GÜNCEL ARAŞTIRMALAR VE PRATİK BİLGİLER I, UZUN YUSUF, DALAR ABDULLAH, BATTAL ABDULHAMİT, Editor, İksad Yayınevi, Ankara, pp.211-246, 2022
- VI. **Traditional Uses of Ethnotoxic Plants in Van Province of Eastern Anatolia**  
MÜKEMRE M., Konczak I., DALAR A.  
in: Anatolia: Past, Present and Future Perspectives, Trine B Schou, Editor, Nova Science Publishers, pp.163-190, 2020
- VII. **Traditional Medicinal Plants of Van Province, Eastern Anatolia**  
DALAR A., MÜKEMRE M.  
in: Anatolia: Past, Present and Future Perspectives, Trine B Schou, Editor, NOVA SCIENCE PUBLISHERS, pp.51-162, 2020

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **Screening of flavonoids and phenolic compounds in Betula litwinowii Doluch. by LC-Q- TOF/MS and determination of their antioxidant potential**  
BOZKURT B., GÜMÜŞ Z. P., MÜKEMRE M.  
International Congress on Natural Product Research, Krakow, Poland, 13 July 2024, vol.1, pp.577
- II. **Poisonous Plants; Van Case Study**  
MÜKEMRE M., ASLAN ERTAŞ N.  
7th International Conference on Advances in Natural and Applied Sciences (ICANAS 2024), Antalya, Turkey, 17 - 20 April 2024
- III. **DETERMINING PHONETIC RELATIONS OF ENDEMIC SPECIES OF ASTRAGALUS L. IN THE VAN LAKE BASIN**  
GENLİ G., KAYA TEKBUĐAK İ., USTA M., MÜKEMRE M.  
ISPEC 8th INTERNATIONAL CONFERENCE ON AGRICULTURE, ANIMAL SCIENCE and RURAL DEVELOPMENT, Bingöl, Turkey, 24 - 25 December 2021
- IV. **A PRELIMINARY STUDY ON FLORA AND FAUNA OF CILO AND SAT MOUNTAINS NATIONAL PARK (HAKKARI / TURKEY)**  
AZİZOĞLU E., MÜKEMRE M., TAYLAN M. S., YILMAZ C., ADİZEL Ö.  
INTERNATIONAL IĞDIR CONFERENCE ON APPLIED SCIENCE, Iğdır, Turkey, 14 - 15 April 2021
- V. **Electrochemical Detection of Interaction Between Helichrysum pallasii (Spreng.) Ledeb. and DNA by Using Disposable Biosensors**  
SUBAK H., ARIKSOYSAL D., DALAR A., MÜKEMRE M.  
3rd INTERNATIONAL CONGRESS on ANALYTICAL and BIOANALYTICAL CHEMISTRY, Elazığ, Turkey, 22 March 2021
- VI. **CYTOTOXIC ACTIVITY OF NEPETA BETONICIFOLIA C.A. MEYER ON BREAST CANCER CELL LINES**  
KÖNGÜL E., ŞEKER KARATOPRAK G., MÜKEMRE M., KÜÇÜKBOYACI N.  
V. International Scientific and Vocational Studies Congress – Science and Health (BILMES SH 2020), 12 - 15

December 2020

- VII. **Pentilentetrazol ile oluşturulan epilepsi modelinde epilobium hirsutum ekstraktının etkisinin araştırılması**  
SamiDzhafar s., DALAR A., EKİN S., yıldız d., MÜKEMRE M.  
25. Ulusal Farmakoloji Kongresi, Turkey, 3 - 07 November 2019
- VIII. **Ethnobotanical Properties of Morgedik and Surroundings (Erciş-Van)**  
ÖZGÖKÇE F., MÜKEMRE M.  
1st International Aromatic Plants and Cosmetics Symposium, University of Iğdır, Iğdır-Turkey, Iğdır, Turkey, 3 - 06 October 2019, vol.1, pp.13
- IX. **Van İlinde Yayılış Gösteren Plantago Cinsine Ait Taksonların Morfolojik ve Anatomik Açından Karşılaştırılması**  
MÜKEMRE M., DALAR A., ÜNAL M.  
1st International Congress on Plant Biology, Konya, Turkey, 10 - 12 May 2018
- X. **Herbal Medicines Used in Treatment of Diabetes in Van Province (Turkey)**  
DALAR A., MÜKEMRE M., SEZGİN S.  
I. International Congress on Medicinal and Aromatic Plants 'xxNatural and Healty Life, Konya, Turkey, 10 - 12 May 2017
- XI. **Micronutrient Mineral Composition of Plantago anatolica Tutel R. Mill.**  
MÜKEMRE M., DALAR A.  
International Congress on Medicinal and Aromatic Plants, Konya, Turkey, 10 - 12 May 2017
- XII. **Poisonous Botanicals of Van Province (Turkey)**  
DALAR A., MÜKEMRE M., SEZGİN S.  
I. International Congress on Medicinal and Aromatic Plants 'xxNatural and Healty Life, 10 - 12 May 2017
- XIII. **Ağrı İli'nin Baklagil (Leguminosae) Çeşitliliği**  
ÜNAL M., MÜKEMRE M., ÖZGÖKÇE F.  
III. Ulusal Botanik Kongresi, Konya, Turkey, 23 - 26 November 2016
- XIV. **DIVERSITY OF LEGUMINOSAE IN THE PROVINCE OF ERZURUM**  
ÜNAL M., MÜKEMRE M., ÖZGÖKÇE F., BİLDİRİCİ N.  
6th International Conference of Ecosystems, Tirane, Albania, 3 - 06 June 2016
- XV. **Ethnobotanical investigations on Alcea sp in Eastern Anatolia**  
Keleş İ., MÜKEMRE M., DALAR A.  
2ND INTERNATIONAL CONVENTION OF PHARMACEUTICALS AND PHARMACIES, İstanbul, Turkey, 27 - 29 November 2015
- XVI. **ANTISEPTIC BOTANICALS USED IN VAN CITY, TURKEY**  
Bozlar Pınaroğlu B., MÜKEMRE M.  
2nd International Conference on Natural Products Utilization:From Plants to Pharmacy Shelf, Plovdiv, Bulgaria, 14 - 17 October 2015
- XVII. **Traditional Herbal Medicines Used For Analgesic Purposes In Eastern**  
YUNUSOĞLU O., DALAR A., MÜKEMRE M.  
2nd International Conference on Natural Products Utilization:From Plants to Pharmacy Shelf, Plovdiv, Bulgaria, 14 - 17 October 2015, pp.100
- XVIII. **POTENTIAL THERAPEUTIC PROPERTIES AND PHENOLIC COMPOSITION OF PSEPHELLUS KARDUCHORUM (BOISS.) WAGENITZ HERBAL TEA**  
DALAR A., UZUN Y., MÜKEMRE M., TÜRKER M., Konczak I.  
2nd International Conference on Natural Products Utilization:From Plants to Pharmacy Shelf, Plovdiv, Bulgaria, 14 - 17 October 2015
- XIX. **Determination of Plant Species to be Submerged Under The Morgedik Dam Reservoir (VAN/TURKEY)**  
ÖZGÖKÇE F., MÜKEMRE M., Erimez F. n.  
International Environmental Sciences Sempodium of Van (IESSV 14), Van, Turkey, 4 - 07 June 2014
- XX. **An Example Wetland Management Planning: Batmıs (Cil) Lake (Bitlis/Türkiye)**

ÖZGÖKÇE F., DURMUŞ A., ÜNAL M., ÖZTÜRK F., FİDAN M., UZUN Y., MÜKEMRE M.  
International Conference of Urmıye Lake, Urmıye, Iran, 8 - 10 December 2012

## **Metrics**

Publication: 50

Citation (Scopus): 385

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