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International Researcher IDs

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Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Turkey 2021 - Continues

Undergraduate, Ataturk University, Eczacılık Fakültesi, Turkey 2016 - 2021

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Training, Uygulamalı HPLC, LC-MS, Q-TOF LC/MS ve ICP-MS Sertifikalı Eğitim Programı, Continuing Education Application and Research Center, 2023

IT, Photoshop'ın Temelleri, METU - Middle East Technical University, 2023

Vocational Training, IV. Uygulamalı Hücre Kültürü Eğitimi, Continuing Education Application and Research Center, 2023

Vocational Training, Deney Hayvanları Kullanım Sertifikası Eğitim Programı –XVI (Fare, Rat ve Tavşan için), Continuing Education Application and Research Center, 2022

Occupational Health and Safety, İŞ SAĞLIĞI GÜVENLİĞİ EĞİTİMİ, Atatürk Üniversitesi, 2022

Research Areas

Pharmaceutical Botany

Academic Titles / Tasks

Research Assistant, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2021 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

1. Exploring Quantitative Biological Major, Trace, and Ultratrace Elements Composition and Qualitative Primary-Secondary Metabolites in *Lamiaceae* Medicinal Plants from Turkey

TEKMAN E., Asgarli T., YUCA H., ATILA A., Cecen O., KARAKAYA S.

BIOLOGICAL TRACE ELEMENT RESEARCH, 2024 (SCI-Expanded)

- II. **Investigating the phytochemical profile, biological potentials, morphological, and anatomical characteristics of *Cyclotrichium origanifolium* (Labill.) Manden. & Scheng. (Lamiaceae) from Turkey**
AYDIN B., Alkuyruk S. B., Tekman E., YUCA H., KARADAYI M., Gülşahin Y., Çeçen Ö., Bona G. E., DEMİRCİ B., BONA M., et al.
Protoplasma, 2024 (SCI-Expanded)
- III. **Phytochemical evaluation via GC-MS and LC-MS/MS: a comprehensive study of antidiabetic, antimicrobial, antioxidant, and genotoxic activities of extracts from endemic species *Centaurea amanicola* Hub.-Mor. and *C. antitauri* Hayek (Asteraceae)**
Nobarirezaeyeh M., YUCA H., AYDIN B., Civaş A., KARAKAYA S., KARADAYI M., DEMİR A. Y., BONA M., YILMAZ B., Göger G., et al.
Natural Product Research, 2024 (SCI-Expanded)
- IV. **Phytochemical screening, biological evaluation, anatomical, and morphological investigation of *Ferula tingitana* L. (Apiaceae)**
KARAKAYA S., YUCA H., Yılmaz G., AYDIN B., TEKMAN E., EKŞİ BONA G., BONA M., Göger G., KARADAYI M., Gülşahin Y., et al.
Protoplasma, vol.260, no.6, pp.1581-1601, 2023 (SCI-Expanded)
- V. **Qualitative and quantitative phytochemicals of essential oils and extracts of *Thymbra spicata* subsp. *spicata* L. as a spice for diabetes mellitus**
Yuca H., Civaş A., Tekman E., Nadiroğlu R., Karakaş Ş., Dürüster Ş., Keçeci E. B., Bona M., Nobarirezaeyeh M., Aydın B., et al.
FLAVOUR AND FRAGRANCE JOURNAL, vol.38, no.5, pp.378-391, 2023 (SCI-Expanded)
- VI. **Anatomical, Morphological, and Chemical Characterizations and Biological Activities of *Gagea taurica* Steven (Liliaceae): A New Record for the Turkish Flora**
YUCA H., KARAKAYA S., EKŞİ BONA G., AYDIN B., Goger G., BONA M., Tekman E., ACAR ŞAHİN A., Sytar O., PINAR N. M., et al.
Chemistry and Biodiversity, vol.20, no.9, 2023 (SCI-Expanded)
- VII. **The anatomical, morphological features, and biological activity of *Scilla siberica* subsp. *armena* (Grossh.) Mordak (Asparagaceae)**
Aydın B., Yuca H., Karakaya S., Bona G. E., Göger G., Tekman E., Şahin A. A., Sytar O., Civas A., Canlı D., et al.
PROTOPLASMA, vol.260, no.2, pp.371-389, 2023 (SCI-Expanded)
- VIII. **Investigation on effects of walnut essential oil against glutamate toxicity on cortex neuron and LN405 cancer cell lines, diabetes, and some microorganisms**
Yesilyurt F., Yuca H., Karakaya S., Tekman E., Demirci B., Taghızadehghalehjoughi A., Göger G., Sahinoz M. Z., Nobarirezaeyeh M., Hacımüftüoğlu A., et al.
JOURNAL OF ESSENTIAL OIL RESEARCH, vol.35, no.4, pp.372-381, 2023 (SCI-Expanded)
- IX. **Screening of antimicrobial, antioxidant, antidiabetic activities, anatomical and morphological properties of *Colchicum speciosum* Steven (Colchicaceae)**
KARAKAYA S., GÖGER G., Bona G. E., YUCA H., Aydın B., TEKMAN E., Sahin A. A., PINAR N. M., GÜVENALP Z.
PROTOPLASMA, vol.259, no.6, pp.1493-1506, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **Comparison of Essential Oils and Secretion Structures of *Rosa damascena* Mill. Grown in Iğdır and Isparta (Turkey)**
YUCA H., TEKMAN E., CIVAŞ A., KARAKAYA S., ÖZTÜRK G., DEMİRCİ B., KARACA A., GÜVENALP Z.
SAKARYA UNIVERSITY JOURNAL OF SCIENCE, vol.27, no.3, pp.523-529, 2023 (Peer-Reviewed Journal)
- II. **COMPARISON OF SOME BIOLOGICAL ACTIVITIES AND CATECHIN TANNIN CONTENTS OF TWO JUNIPERUS AND PRUNUS SPECIES İKİ JUNİPERUS VE PRUNUS TÜRÜNÜN BAZI BİYOLOJİK**

AKTİVİTELERİNİN VE KATEŞİN TANEN İÇERİKLERİNİN KARŞILAŞTIRILMASI

YUCA H., DemiRcan H. C., AYDIN B., Önal M., TEKMAN E., CiVaş A., NobariRezaeyeh M., Göger G., KARAKAYA S., GÜVENALP Z.

Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.47, no.2, pp.650-666, 2023 (Scopus)

III. Peganum harmala L. (Nitrariaceae) Bitkisinin α -Amilaz ve α -Glukozidaz Enzim İnhibisyon, Antioksidan ve Antimikrobiyal Aktivitelerinin Değerlendirilmesi

YUCA H., AYDIN B., TEKMAN E., GÖGER G., KARAKAYA S., GÜVENALP Z., GENÇLER ÖZKAN A. M.

TURKISH JOURNAL OF AGRICULTURAL AND NATURAL SCIENCE, vol.9, no.4, pp.925-932, 2022 (Peer-Reviewed Journal)

Metrics

Publication: 41

Citation (WoS): 10

Citation (Scopus): 18

H-Index (WoS): 2

H-Index (Scopus): 3