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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAA-1349-2020

ScopusID: 57208819085

Education Information

Doctorate, Marmara University, Institute Of Health Sciences, Department Of Pharmaceutics Chemistry, Turkey 2017 - 2023

Research Areas

Professional Sciences

Academic Titles / Tasks

Assistant Professor, Acibadem Mehmet Ali Aydinlar University, Faculty Of Pharmacy, Pharmaceutical Profession Sciences, 2023 - Continues

Courses

Pharmaceutical Chemistry II, Undergraduate, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Chemical composition and in vitro cytotoxicity of Cyclotrichium niveum essential oil against human breast adenocarcinoma (MCF-7) and human lung adenocarcinoma (A549) cells**
Demirbolat İ.
Journal of Essential Oil Bearing Plants, vol.26, no.4, pp.1-12, 2023 (SCI-Expanded)
- II. **Variations in essential oil compositions and biological activities of Artemisia annua L. (sweet wormwood) at different growth periods**
Demirbolat İ., Ulusoy S., Inal E., Kartal M.
Journal of Essential Oil Bearing Plants , vol.26, no.4, pp.1-10, 2023 (SCI-Expanded)
- III. **Variations in Chemical Compositions and Biological Activities of *Artemisia vulgaris* L. (Common Mugwort) Essential Oils at Different Growth Stages**
Demirbolat İ., İNAL E., ULUSOY Ş., KARTAL M.
JOURNAL OF ESSENTIAL OIL BEARING PLANTS, vol.25, no.2, pp.393-402, 2022 (SCI-Expanded)

- IV. **Development of Cholesterol-Lowering and Detox Formulations Using Bentonite and Herbal Ingredients**
Turgut R., KARTAL M., AKKOL E., Demirbolat İ., TAŞTAN H.
FRONTIERS IN PHARMACOLOGY, vol.12, 2021 (SCI-Expanded)
- V. **Comparative Study on Yields, Chemical Compositions, Antioxidant and Antimicrobial Activities of Cumin (*Cuminum cyminum* L.) Seed Essential Oils from Different Geographic Origins**
Karik U., Demirbolat İ., TOLUK Ö., KARTAL M.
JOURNAL OF ESSENTIAL OIL BEARING PLANTS, vol.24, no.4, pp.724-735, 2021 (SCI-Expanded)
- VI. **Chemical Composition, Antioxidant and Antimicrobial Activities of *Pimpinella enguezekensis* : A Novel Species from Anatolia, Turkey- Fruit Essential Oil**
Karik U., Demirbolat İ.
JOURNAL OF ESSENTIAL OIL BEARING PLANTS, vol.23, no.2, pp.356-362, 2020 (SCI-Expanded)
- VII. **Gender Dependent Differences in Composition, Antioxidant and Antimicrobial Activities of Wild and Cultivated *Laurus nobilis* L. Leaf and Flower Essential Oils from Aegean Region of Turkey**
Demirbolat İ., Karik U., Ercin E., KARTAL M.
JOURNAL OF ESSENTIAL OIL BEARING PLANTS, vol.23, no.5, pp.1084-1094, 2020 (SCI-Expanded)
- VIII. **Effects of Orally Consumed *Rosa damascena* Mill. Hydrosol on Hematology, Clinical Chemistry, Lens Enzymatic Activity, and Lens Pathology in Streptozotocin-Induced Diabetic Rats**
Demirbolat İ., EKİNCİ C., Nuhoglu F., KARTAL M., Yildiz P., GEÇER M.
MOLECULES, vol.24, no.22, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **Chemical Composition and In Vitro Cytotoxicity of Endemic *Thymus brachychilus* Jalas Against Human Breast Adenocarcinoma (MCF-7, HTB-22), Human Lung Adenocarcinoma (A549, CRM-CCL-185), and Human Glioblastoma Cells (U-118 MG, HTB-15)**
Nath E. Ö., Abudayyak M., Demirbolat İ., Sönmez S., Kartal M.
BEZMIALEM SCIENCE, vol.11, no.4, pp.380-389, 2023 (ESCI)
- II. **Synthesis and evaluation of antiproliferative and mPGES-1 inhibitory activities of novel carvacrol-triazole conjugates**
Demirbolat İ., KULABAŞ N., Guerboga M., oezakpinar O. B., ciftci G., Yelekci K., Liu J., Jakobsson P., Danis O., OGAN A., et al.
ORGANIC COMMUNICATIONS, no.4, pp.356-377, 2022 (ESCI)
- III. **Antibacterial evaluation of *elettaria cardamomum* (L.) Maton, *Lavandula angustifolia* mill. and *salvia fruticosa* mill. essential oil combinations in mouthwash preparations**
KARADAĞ A. E., İpekçi E., Yağcılar A. P., Demirbolat İ., KARTAL M., Siafaka P. I., Okur N. Ü.
Natural Volatiles and Essential Oils, vol.7, no.1, pp.9-17, 2020 (Scopus)
- IV. **Prunelaurasin content of leaves, kernels and pulps of *Prunus lauracerasus* L. (Cherry Laurel) during ripening**
Demirbolat İ., KARTAL M.
JOURNAL OF RESEARCH IN PHARMACY, vol.23, no.1, pp.69-75, 2019 (ESCI)
- V. **Formulation, stability and analytical method validations of combined St. John's wort and valerian root dry extracts in solid oral dosage forms**
Demirbolat İ., KARTAL M.
JOURNAL OF RESEARCH IN PHARMACY, vol.23, no.5, pp.812-821, 2019 (ESCI)
- VI. **Development and validation of a GC-FID method to quantify thymoquinone in black cumin seed oils**
Demirbolat İ., KARTAL M., Karik U.
JOURNAL OF RESEARCH IN PHARMACY, vol.23, no.3, pp.506-513, 2019 (ESCI)
- VII. **Formulation, stability and analytical method validation of chasteberry (*Vitex agnus-castus* L.) extract in solid oral dosage forms**

Demirbolat İ., KARTAL M.

JOURNAL OF RESEARCH IN PHARMACY, vol.23, no.4, pp.689-696, 2019 (ESCI)

VIII. Formulation, stability and analytical method validation of peppermint oil solution

Demirbolat İ.

Natural Volatiles and Essential Oils, vol.6, pp.25-31, 2019 (Scopus)

Books & Book Chapters

- I. **Development of cholesterol-lowering and detox formulations using bentonite and herbal ingredients**, Demirbolat İ.
in: Development, assessment, improvement, and standardization of methods in herbal drug research, Indrayanto G, Ingkaninan K, Rohman A, Editor, Frontiers, Lausanne, pp.9-22, 2022
- II. **Avrupa Farmakopesinde Bulunan Uçucu Yağlar ve Aromaterapide Klinik Kullanımları**, Demirbolat İ.
in: Geleneksel ve Tamamlayıcı Tıp Aromaterapi, Ayten Altıntaş, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.26-42, 2021
- III. **Aromaterapide Kullanılan Uçucu ve Sabit Yağların Kalite Kontrol Analizleri**, Demirbolat İ.
in: Geleneksel ve Tamamlayıcı Tıp Aromaterapi, Ayten Altıntaş, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.50-55, 2021
- IV. **Avrupa Farmakopesinde Bulunan Sabit Yağlar ve Aromaterapide Kullanımları**, Demirbolat İ.
in: Geleneksel ve Tamamlayıcı Tıp Aromaterapi, Ayten Altıntaş, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.43-49, 2021

Supported Projects

Demirbolat İ., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Ege Bölgesi Anason (Pimpinella anisum L.) Islah Araştırmaları, 2021 - 2025

Demirbolat İ., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Mürver (Sambucus nigra L.) Seleksiyon Islahı, 2021 - 2025

Atila C., Demirbolat I., Project Supported by Higher Education Institutions, Bergama Müzesi Örnekleriyle Antik Dönem Parfüm ve İlaç Formülleri, 2022 - 2023

Metrics

Publication: 20

Citation (WoS): 48

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