

## Res. Asst. BURAK TEMİZ

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: JCE-7524-2023

ScopusID: 57214139336

Yoksis Researcher ID: 337533

### Education Information

Doctorate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmakognozi (Dr), Turkey 2020 - Continues

Postgraduate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmakognozi (YI) (Tezli), Turkey 2017 - 2020

Undergraduate, Anadolu University, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Turkey 2012 - 2017

### Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacognosy

### Academic Titles / Tasks

Research Assistant, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2021 - Continues

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

- I. **Evaluation of radical scavenging and anti-tyrosinase activity of some Citrus fruits cultivated in Turkey via in vitro methods and high-performance thin-layer chromatography-effect-directed analysis**  
TEMİZ B., AĞALAR H. G.  
JPC-JOURNAL OF PLANAR CHROMATOGRAPHY-MODERN TLC, vol.35, no.2, pp.127-138, 2022 (SCI-Expanded)
- II. **Identification of Phenolic Compounds by LC-MS/MS and Evaluation of Bioactive Properties of Two Edible Halophytes: Limonium effusum and L. sinuatum**  
BAYSAL İ., EKİZOĞLU M., ERTAŞ A., TEMİZ B., AĞALAR H. G., YABANOĞLU ÇİFTÇİ S., TEMEL H., UÇAR G., KAFA F. P.  
MOLECULES, vol.26, no.13, 2021 (SCI-Expanded)
- III. **Drying Effects on The Volatile Compounds of Kumquat, Limequat and Mexican Lime Fruits**  
AĞALAR H. G., TEMİZ B., DEMİRCİ B., Baser K. H. C.  
JOURNAL OF ESSENTIAL OIL BEARING PLANTS, vol.23, no.6, pp.1395-1408, 2020 (SCI-Expanded)

## Articles Published in Other Journals

- I. **The fruit essential oil of *Chaerophyllum libanoticum* Boiss. Et Kotschy: Composition, skin-whitening and antioxidant activities**  
KÜRKÇÜOĞLU M., AĞALAR H. G., TEMİZ B., DURAN A., BAŞER K. H. C.  
European Journal of Life Sciences, vol.1, no.1, pp.28-34, 2022 (Peer-Reviewed Journal)
- II. ***Boswellia serrata* Oleogum resins and extracts laboratory guidance document**  
ORHAN N., TEMİZ B., AĞALAR H. G., İŞCAN G.  
HERBALGRAM, 2022 (Peer-Reviewed Journal)
- III. **Antioxidant, Antityrosinase Activities and Composition of Essential Oils Obtained from Roots and Fruits of *Ferulago longistylis* Boiss**  
KÜRKÇÜOĞLU M., AĞALAR H. G., TEMİZ B., DURAN A., PAKSOY M. Y., Baser K. H. C.  
JOURNAL OF RESEARCH IN PHARMACY, vol.26, no.4, pp.790-798, 2022 (ESCI)
- IV. **HPTLC-DPPH center dot and HPTLC-tyrosinase methods for hot water-soluble contents of kumquat, limequat and Mexican lime fruit powders**  
AĞALAR H. G., TEMİZ B.  
JOURNAL OF RESEARCH IN PHARMACY, vol.25, no.5, pp.569-580, 2021 (ESCI)
- V. **Direct SPME/GC-MS analyzes of small citrus fruits cultivated in Turkey**  
AĞALAR H. G., TEMİZ B., DEMİRCİ B., BAŞER K. H. C.  
EMU Journal of Pharmaceutical Sciences, vol.3, no.3, pp.140-152, 2020 (Peer-Reviewed Journal)
- VI. **HS-SPME and microdistillation isolation methods for the volatile compounds of bergamot fruits cultivated in turkey**  
AĞALAR H. G., TEMİZ B., DEMİRCİ B.  
Natural Volatiles and Essential Oils, vol.6, no.4, pp.21-25, 2019 (Scopus)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Tyrosinase inhibitory and cytotoxic activities of two *Inula* species (Asteraceae)**  
GÜLCAN Z., TUNÇ F., ÖZENVER N., TEMİZ B., YALÇIN F. N., KÖSE Y. B.  
International Congress on Natural Products Research, Krakow, Poland, 13 - 17 July 2024
- II. **Aromaterapide Kullanılan Bazı Sabit Yağların Antitirozinaz ve Antioksidan Aktivitelerinin Değerlendirilmesi**  
GÖKBABA İ. S., İŞCAN G., AĞALAR H. G., TEMİZ B.  
XXIV. BİTKİSEL İLAÇ HAMMADDELERİ TOPLANTISI, Turkey, 23 - 26 June 2022
- III. **Çay Ekstrelerinin Antimikrobiyal Etkinliklerinin ve Antimikrobiyal Ajanlar ile Kombinasyonlarının Değerlendirilmesi**  
ÖZTÜRK G., TEMİZ B., LEVENT S., AĞALAR H. G.  
XXIV. BİTKİSEL İLAÇ HAMMADDELERİ TOPLANTISI, Turkey, 23 June 2022
- IV. **Seseli libanotis (L.) W. Koch Topraküstü Kısımlarının Uçucu Yağ Kompozisyonu ile Uçucu Yağ ve Ekstrelerinin Biyolojik Aktivitelerinin Araştırılması**  
TEMİZ B., KÜRKÇÜOĞLU M., AĞALAR H. G., DURAN A., BAŞER K. H. C.  
XXIV. BİTKİSEL İLAÇ HAMMADDELERİ TOPLANTISI, Ankara, Turkey, 23 June 2022
- V. ***Schinus molle* L. Yapraklarının Kozmetik Kullanım Potansiyellerinin Değerlendirilmesi,**  
AĞALAR H. G., İŞCAN G., TEMİZ B.  
XXIV. BİTKİSEL İLAÇ HAMMADDELERİ TOPLANTISI, Turkey, 23 June 2022
- VI. **Antioxidant/Antityrosinase Activities and Volatile Composition of *Peucedanum alkalinae* Essential Oil**  
KÜRKÇÜOĞLU M., AĞALAR H. G., TEMİZ B., DURAN A., BAŞER K. H. C.  
51st International Symposium on Essential Oils (ISEO) , ONLINE, Cyprus (Kktc), 12 November 2021
- VII. **Volatile Constituents and In Vitro Antioxidant and Antityrosinase Activities of the Prangos**

### **munzurenensis Fruits and Roots Essential Oils**

KÜRKÇÜOĞLU M., AĞALAR H. G., TEMİZ B., DURAN A., PAKSOY M. Y., BAŞER K. H. C.

51st International Symposium on Essential Oils (ISEO) , ONLINE, Cyprus (Kktc), 12 November 2021

VIII. **Antioxidant/Antityrosinase Activities and Volatile Composition of Peucedanum akalinae Essential Oil**

KÜRKÇÜOĞLU M., AĞALAR H. G., TEMİZ B., DURAN A., BAŞER K. H. C.

51th International Symposium on Essential Oils (51th ISEO), 12 November 2021

IX. **Phenolic profile and bioactive properties of halophytic Limonium caspium**

TEMİZ B., AĞALAR H. G., KAFA F. P.

Vth International Eurasian Agriculture and Natural Sciences Congress, ONLINE, Ukraine, 22 October 2021

X. **ANTIOXIDANT, ANTITYROSINASE ACTIVITIES AND COMPOSITION OF ESSENTIAL OILS OBTAINED FROM ROOTS AND FRUITS OF Ferulago longistylis**

KÜRKÇÜOĞLU M., AĞALAR H. G., TEMİZ B., DURAN A., PAKSOY M. Y., BAŞER K. H. C.

14th International Symposium on the Chemistry of Natural Compounds (14th SCNC), 07 October 2021

XI. **Antioxidant, Antityrosinase Activities and Composition of Essential Oils Obtained from Roots and Fruits of Ferulago longistylis Boiss.**

KÜRKÇÜOĞLU M., AĞALAR H. G., TEMİZ B., DURAN A., PAKSOY M. Y., BAŞER K. H. C.

14th International Symposium on the Chemistry of Natural Compounds (SCNC), TAŞKENT, Uzbekistan, 07 October 2021

XII. **EVALUATION OF RADICAL SCAVENGING ACTIVITY AND TYROSINASE INHIBITION OF SOME CITRUS SPECIES CULTIVATED IN TURKEY VIA SPECTROPHOTOMETRIC METHODS AND HPTLC-EFFECT DIRECTED ANALYSIS**

TEMİZ B., AĞALAR H. G.

3rd International Gazi Pharma Symposium Series (GPSS-2021), Ankara, Turkey, 08 September 2021

XIII. **Evaluation of Antityrosinase Potentials of Kumquat, Limequat and Lime Fruits Extracts by HPTLC-bioautographic and Spectrophotometric Methods**

TEMİZ B., AĞALAR H. G.

6th World Congress on Medicinal and Aromatic Plants (WOCMAP VI), Cyprus (Kktc), 13 - 17 November 2019

XIV. **Identification of Fatty Acids and Volatile Compounds of Bergamot Fruits**

AĞALAR H. G., TEMİZ B., DEMİRCİ B.

th World Congress on Medicinal and Aromatic Plants (WOCMAP VI), Cyprus (Kktc), 13 - 17 November 2019

XV. **Drying Effects on the volatile compounds of Kumquat, Limequat, Mexican Lime Fruits**

TEMİZ B., AĞALAR H. G., DEMİRCİ B.

66th Annual Meeting of The Society for Medicinal Plant and Natural Product Research (66th GA), China, 26 - 29 August 2018

## **Supported Projects**

TEMİZ B., Project Supported by Higher Education Institutions, Boswellia Cinsine Ait Bazı Rezinlerinin Antioksidan ve Antilipaz Aktivitelerinin HPTLC-Etki Yönlendirmeli Analizler ile Değerlendirilmesi, 2022 - Continues

TEMİZ B., Project Supported by Higher Education Institutions, Ülkemizde Kültürü Yapılan Citrus Cinsine Ait Bazı Türlerin Fitokozmetik Kullanım Potansiyellerinin Değerlendirilmesi, 2022 - Continues

TEMİZ B., Project Supported by Higher Education Institutions, Sambucus nigra L. bitkisinin antioksidan ve antitirozinaz aktivitelerinin incelenmesi, 2021 - Continues

Kafa F. P., Temiz B., Project Supported by Higher Education Institutions, Bazı Limonium Mill. (Plumbaginaceae) türleri üzerinde in-vitro biyoaktivite çalışmaları, 2021 - 2021

AĞALAR H. G., TEMİZ B., Project Supported by Higher Education Institutions, Salvia sclarea L. örneklerinin mikroorganizmalar üzerine etkilerinin değerlendirilmesi, 2019 - 2020

AĞALAR H. G., ÖZTÜRK G., DEMİRCİ B., TEMİZ B., Project Supported by Higher Education Institutions, Bazı Narenciye Türleri Üzerine Farmakognozok Araştırmalar, 2018 - 2020

AĐALAR H. G., TEMİZ B., Project Supported by Higher Education Institutions, Arum maculatum L. Yumrularının Sitotoksik Aktiviteleri ve Kimyasal Bileşim Açısından İncelenmesi, 2018 - 2019

AĐALAR H. G., DEMİRCİ B., TEMİZ B., Project Supported by Higher Education Institutions, Bergamot Meyvelerinin Uçucu Bileşikleri ve Yağ Asitlerinin İncelenmesi, 2018 - 2019