

## Res. Asst. ŐEYDA YAYLA

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: KBA-6311-2024

ScopusID: 57909464700

Yoksis Researcher ID: 328096

### Education Information

Undergraduate, Ankara University, Saęlık Bilimleri Fakóltesi, Beslenme ve Diyetetik Bólümü, Turkey 2023 - Continues

Doctorate, Ankara University, Saęlık Bilimleri Enstitüsü, Farmasötik Botanik (Dr) (Eczacılık), Turkey 2020 - Continues

Undergraduate, Anadolu University, Açıköęretim Fakóltesi, Saęlık Yönetimi Bólümü (Aöf), Turkey 2019 - 2022

Undergraduate, Ankara University, Eczacılık Fakóltesi, Eczacılık Pr., Turkey 2015 - 2020

### Research Areas

Pharmacology and Therapeutics, Health Sciences

### Academic Titles / Tasks

Research Assistant, Ankara University, Eczacılık Fakóltesi, Eczacılık Meslek Bilimleri Bólümü, 2020 - Continues

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

- I. Highly selective and sensitive molecularly imprinted sensors for the electrochemical assay of quercetin in methanol extracts of *Rubus sanctus* and *Fragaria vesca***  
HÜRKUL M. M., Cetinkaya A., YAYLA Ő., Kaya S. I., Budak F., TOK K. C., GÜMÜŐTAŐ M., UZUN L., ÖZKAN S. A.  
TALANTA, vol.273, 2024 (SCI-Expanded)
- II. Investigation of Health Effects of Major Phenolic Compounds in Foods: Extraction Processes, Analytical Approaches and Applications**  
HÜRKUL M. M., Cetinkaya A., Kaya S. I., YAYLA Ő., ÖZKAN S. A.  
CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY, 2024 (SCI-Expanded)
- III. A novel electrochemical sensor based on a molecularly imprinted polymer for highly selective and sensitive determination of rutin from herbal supplements and plant extracts**  
Hürkul M. M., Yayla Ő., Cetinkaya A., Kaya S. I., Uzun L., Özkan S. A.  
ANALYTICAL METHODS, no.10, pp.1480-1488, 2024 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Advanced sample preparation and chromatographic techniques for analyzing plant-based bioactive chemicals in nutraceuticals**  
HÜRKUL M. M., Cetinkaya A., YAYLA Ş., ÖZKAN S. A.  
Journal of Chromatography Open, vol.5, 2024 (Scopus)
- II. **COMPARATIVE LEAF ANATOMY OF SOME ASYNEUMA GRISEB. & SCHENK TAXA**  
Yayla Ş., Hürkul M. M.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.47, no.3, pp.1011-1019, 2023 (Scopus)
- III. **ANATOMY OF THE ENDEMIC ALYSSUM PATERI SUBSP. PATERI**  
Yayla Ş., Hürkul M. M.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.47, no.3, pp.1053-1057, 2023 (Scopus)
- IV. **Chemical Screening and Antibacterial Activity of Crude Extracts of Chlorella sp. in Culture**  
Tok K. C., Erbil G. Ç., Yayla Ş., Kiyimaci M. E., Hürkul M. M.  
Hacettepe University Journal of the Faculty of Pharmacy, vol.43, no.2, pp.111-119, 2023 (Scopus)
- V. **The anatomical features of Cirsium caucasicum (Adams) Petr. (Asteraceae): root, stem, leaf and phyllary**  
Hürkul M. M., Yayla Ş.  
Journal of Research in Pharmacy, vol.27, no.1, pp.23-29, 2023 (Scopus)
- VI. **GAS CHROMATOGRAPHY-MASS SPECTROMETRY (GC-MS) ANALYSIS OF CONSOLIDA THIRKEANA EXTRACT CONSOLIDA THIRKEANA EKSTRESİNİN GAZ KROMATOĞRAFİSİ-KÜTLE SPEKTROMETRESİ (GC-MS) ANALİZİ**  
Tok K. C., Yayla Ş.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.46, no.2, pp.444-449, 2022 (Scopus)
- VII. **INVESTIGATION OF PHYTOCHEMICALS IN METHANOLIC HERBA EXTRACT OF SILENE RUSCIFOLIA BY LC-QTOF/MS AND GC/MS SILENE RUSCIFOLIA METANOLİK HERBA EKSTRESİNDEKİ FİTOKİMYASALLARIN LC-QTOF/MS VE GC/MS İLE İNCELENMESİ**  
Tok K. C., Hürkul M. M., Bozkurt N. N., Aysal A. İ., Yayla Ş.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.46, no.3, pp.827-838, 2022 (Scopus)
- VIII. **Leaf anatomy of Quercus macranthera subsp. sypirensis (K.Koch) Menitsky**  
Hürkul M. M., Yayla Ş.  
BIOLOGICAL DIVERSITY AND CONSERVATION, vol.14, no.3, pp.405-410, 2021 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Convolvulaceae Juss.'nin Farmasötik Botanik Önemi**  
YAYLA Ş., HÜRKUL M. M.  
in: CUMHURİYETİN 100. YILINDA ECZACILIKTA YENİLİKLER 4, ASUMAN BOZKIR, İLKAY YILDIZ, Editor, Ankara Üniversitesi Yayınları, Ankara, pp.165-174, 2023

## Refereed Congress / Symposium Publications in Proceedings

- I. **Antioxidant Capacities Of Different Extracts Of Rheum Ribes L. Flowers From Van Province (Türkiye)**  
YAYLA Ş., HÜRKUL M. M.  
15. INTERNATIONAL CONFERENCE ON AGRICULTURE, ANIMAL SCIENCE & RURAL DEVELOPMENT, Aydın, Turkey, 12 - 14 July 2024, pp.715-719
- II. **Optimization Of Ultrasound Assisted Extraction Of Paliurus Spina-Christi Fruit**  
YAYLA Ş., HÜRKUL M. M.

15. INTERNATIONAL CONFERENCE ON AGRICULTURE, ANIMAL SCIENCE & RURAL DEVELOPMENT, Aydın, Turkey, 12 - 14 July 2024, pp.720-724
- III. **The Antioxidant Capacity of the Leaves of *Ficus carica* subsp. *carica* According to the Seasonal Variations**  
YAYLA Ş., HÜRKUL M. M.  
8th ISPEC INTERNATIONAL CONFERENCE ON MEDICAL & HEALTH SCIENCES, Girne, Cyprus (Kktc), 4 - 06 July 2024, pp.288-292
- IV. **Comparison of Polyphenolic Substance Contents of Different Extracts of *Viburnum tinus* Flowers**  
YAYLA Ş., HÜRKUL M. M.  
8th ISPEC INTERNATIONAL CONFERENCE ON MEDICAL & HEALTH SCIENCES, Girne, Cyprus (Kktc), 4 - 06 July 2024, pp.284-287
- V. **Design and Application of MIP-Based Electrochemical Sensor for Quantification of Apigenin in Plant-Derived Commercial Food Supplement**  
YAYLA Ş., Çetinkaya A., HÜRKUL M. M., UZUN L., ÖZKAN S. A.  
12th International Drug Chemistry Congress, Antalya, Turkey, 7 - 10 March 2024, pp.215
- VI. **Assessment Of Phenolic Content And Free Radical Scavenging Capacity Of *Alyssum Pateri* Subsp. *Pateri***  
YAYLA Ş., HÜRKUL M. M.  
IV. INTERNATIONAL SIIRT CONFERENCE ON SCIENTIFIC RESEARCH, Siirt, Turkey, 17 - 18 November 2023, pp.1121-1127
- VII. **Investigation Of The Leaf Anatomical Features Of The *Oxalis Corniculata* L.**  
YAYLA Ş., HÜRKUL M. M.  
IV. INTERNATIONAL SIIRT CONFERENCE ON SCIENTIFIC RESEARCH, Siirt, Turkey, 17 - 18 November 2023, pp.1113-1120
- VIII. **Examination Of Some Anatomical Features of Endemic *Lycium Anatolicum* (Solanaceae)**  
Yayla Ş., Hürkul M. M.  
ISPEC 13. INTERNATIONAL CONFERENCE ON AGRICULTURE, ANIMAL SCIENCE AND RURAL DEVELOPMENT, Uşak, Turkey, 28 - 29 November 2023, pp.1129-1136
- IX. **Light Microscopy Analysis of Some Important Anatomical Characters of *Paronychia Angorensis***  
Yayla Ş., Hürkul M. M.  
ISPEC 13. INTERNATIONAL CONFERENCE ON AGRICULTURE, ANIMAL SCIENCE AND RURAL DEVELOPMENT, Uşak, Turkey, 28 - 29 November 2023, pp.1121-1128
- X. **GERANIUM PYRENAICUM BURM.F. (GERANIACEAE)'UN BAZI ANATOMİK ÖZELLİKLERİ/ SOME ANATOMICAL FEATURES OF GERANIUM PYRENAICUM BURM.F. (GERANIACEAE)**  
YAYLA Ş., HÜRKUL M. M.  
8. ULUSLARARASI AVRUPA DİSİPLİNLERARASI BİLİMSEL ARAŞTIRMALAR KONGRESİ/ VIII-INTERNATIONAL EUROPEAN CONFERENCE ON INTERDISCIPLINARY SCIENTIFIC RESEARCH, Italy, 13 - 15 July 2023
- XI. **VERONICA CYMBALARIA BODARD'NIN TOPLAM FENOLİK MADDE İÇERİĞİ VE ANTİOKSİDAN KAPASİTESİ/ THE TOTAL PHENOLIC CONTENTS AND THE ANTIOXIDANT CAPACITY OF VERONICA CYMBALARIA BODARD**  
YAYLA Ş., HÜRKUL M. M.  
8. ULUSLARARASI AVRUPA DİSİPLİNLERARASI BİLİMSEL ARAŞTIRMALAR KONGRESİ/ VIII-INTERNATIONAL EUROPEAN CONFERENCE ON INTERDISCIPLINARY SCIENTIFIC RESEARCH, Italy, 13 - 15 July 2023
- XII. ***Vitis labrusca* L. meyve ve yapraklarının toplam fenolik içeriği ve antioksidan aktivitesi / Total phenolic contents and antioxidant activity of *Vitis labrusca* L. fruits and leaves**  
YAYLA Ş., HÜRKUL M. M.  
International Aegean Conferences on Natural & Medical Sciences-V, Turkey, 25 - 26 February 2022
- XIII. **Artvin ilinden *Crataegus microphylla* subsp. *microphylla* meyvelerinin ultrason destekli ekstraksiyonunun optimizasyonu ve polifenol bakımından zengin ekstraktların radikal temizleme kapasitesi / Optimization of ultrasound-assisted extraction of *Crataegus microphylla* subsp. *microphylla* fruits from Artvin provinz and the radical scavenging capacity of polyphenol-rich**

## extracts

Yıldırım O. G., Yayla Ş., Hürkul M. M.

4. Uluslararası Sağlık Bilimlerinde Multidisipliner Çalışmalar Kongresi / 4. International Congress of Multidisciplinary Studies in Medical Sciences, Antalya, Turkey, 18 February 2022

- XIV. **Cirsium caucasicum (Adams) Petr.'un toplam fenolik içeriği ve DPPH serbest radikal temizleme kapasitesi / Total phenolic contents and DPPH free radical scavenging capacity of Cirsium caucasicum (Adams) Petr.**

Yıldırım O. G., Yayla Ş., Hürkul M. M.

4. Uluslararası Sağlık Bilimlerinde Multidisipliner Çalışmalar Kongresi / 4. International Congress of Multidisciplinary Studies in Medical Sciences, Antalya, Turkey, 18 - 20 February 2022

- XV. **Vitis vinifera L. yapraklarının ultrason destekli ekstraksiyonunun optimizasyonu ve polifenol bakımından zengin ekstrelerin radikal temizleme kapasitesi / Optimization of ultrasound-assisted extraction of Vitis vinifera L. leaves and the radical scavenging capacity of polyphenol-rich extracts**

GÜMÜŞOK S., YAYLA Ş., HÜRKUL M. M.

ISPEC 7. International Conference On Agriculture, Animal Sciences and Rural Development, Turkey, 18 - 19 September 2021

- XVI. **Quercus macranthera subsp. sypirensis (K.Koch) Menitsky'in yaprak anatomisi / Leaf anatomy of Quercus macranthera subsp. sypirensis (K.Koch) Menitsky**

HÜRKUL M. M., YAYLA Ş.

Adıyaman 1. Uluslararası Fen ve Uygulamalı Bilimler Kongresi / 1. Adıyaman International Congress of Science And Applied Sciences, Turkey, 13 - 14 July 2021

## Supported Projects

TÜBİTAK International Multi-Cooperation Project, Kantitatif Ölçüme Dayalı Uygun, Uzun Ömürlü Hasta Başı Tanı Cihazı, 2022 - 2025

## Memberships / Tasks in Scientific Organizations

Turkish Pharmacists Association , Member, 2021 - Continues, Turkey

Ankara Eczacı Odası, Member, 2021 - Continues, Turkey

## Scientific Refereeing

JOURNAL OF RESEARCH IN PHARMACY, Journal Indexed in ESCI, August 2023

## Metrics

Publication: 28

Citation (WoS): 2

Citation (Scopus): 8

H-Index (WoS): 1

H-Index (Scopus): 2

## Scholarships

2211-A Yurtiçi Doktora Burs Programı, TÜBİTAK, 2022 - Continues