

## Res. Asst. PhD İSHAK ERİK

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Karadeniz Technical University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, Turkey 2016 - 2021

Undergraduate, Ankara University, Eczacılık Fakültesi, Eczacılık, Turkey 2010 - 2015

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, EĞİTİCİLERİN EĞİTİMİ, KARADENİZ TEKNİK ÜNİVERSİTESİ ECZACILIK FAKÜLTESİ, 2019

Occupational Health and Safety, İŞ SAĞLIĞI VE İŞ GÜVENLİĞİ, KTÜ TIP FAKÜLTESİ, 2017

### Dissertations

Doctorate, Pharmacognosic Researches on Some Scorzonera L. Species Growing in Turkey, Karadeniz Technical University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2021

### Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacognosy, Pharmaceutical Botany

### Academic Titles / Tasks

Research Assistant PhD, Karadeniz Technical University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2021 - Continues

Research Assistant, Karadeniz Technical University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2016 - 2021

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

- I. **Phytochemicals, antimicrobial, and sporicidal activities of moss, *Dicranum polysetum* Sw., against certain honey bee bacterial pathogens**  
ALPAY KARAOĞLU Ş., YAYLI N., Akpinar R., Bozdeveci A., ERİK İ., SUYABATMAZ Ş., KORKMAZ B., BATAN N., Kaya S., Nisbet C., et al.  
Veterinary Research Communications, vol.47, no.3, pp.1445-1455, 2023 (SCI-Expanded)
- II. **Two new dihydroisocoumarins and terpenoids from *Scorzonera longiana* Sumbul an endemic species to Turkey and their antimicrobial activity**  
KORKMAZ B., RENDA G., ERİK İ., BOZDAL G., ÇOŞKUNÇELEBİ K., YAYLI N.  
NATURAL PRODUCT RESEARCH, vol.37, no.7, pp.1185-1198, 2023 (SCI-Expanded)
- III. **Biological Activity and Phytochemical Analysis of *Dicranum scoparium* against the Bacterial Disease for Honey Bee**  
ALPAY KARAOĞLU Ş., YAYLI N., ERİK İ., KORKMAZ B., Akpinar R., Bozdeveci A., Suyabatmaz S., BATAN N., Yesilyurt A., Kaya S., et al.  
CHEMISTRY & BIODIVERSITY, vol.19, no.7, 2022 (SCI-Expanded)
- IV. **Antimicrobial and lipase inhibition of essential oil and solvent extracts of *Cota tinctoria* var. *tinctoria* and characterization of the essential oil**  
ERİK İ., BOZDAL G., ŞENER S. Ö., KORKMAZ B., ALPAY KARAOĞLU Ş., TERZİOĞLU S., YAYLI N.  
TURKISH JOURNAL OF CHEMISTRY, vol.46, no.4, pp.1234-1244, 2022 (SCI-Expanded)
- V. **Volatile and Phenolic Contents, Antimicrobial and Tyrosinase activities of Two Endemic Species *Scorzonera pisidica* and *Scorzonera sandrasica* L. Grown in Turkey**  
YAYLI N., Oksuz E., KORKMAZ B., ERİK İ., Fandaklı S., FAİZ Ö., ÇOŞKUNÇELEBİ K.  
RECORDS OF NATURAL PRODUCTS, vol.16, no.1, pp.46-57, 2022 (SCI-Expanded)
- VI. **Antimicrobial, Cytotoxic, Antiviral Effects, and Spectroscopic Characterization of Metabolites Produced by *Fusarium oxysporum* YP9B**  
Kilic G., Tosun G., Bozdeveci A., ERİK İ., ÖZTÜRK E., Reis R., Sipahi H., CORA M., ALPAY KARAOĞLU Ş., YAYLI N.  
RECORDS OF NATURAL PRODUCTS, vol.15, no.6, pp.547-567, 2021 (SCI-Expanded)
- VII. **Three new dihydroisocoumarin glycosides with antimicrobial activities from *Scorzonera aucheriana***  
ERİK İ., YAYLI N., ÇOŞKUNÇELEBİ K., MAKBUL S., Karaoglu S. A.  
PHYTOCHEMISTRY LETTERS, vol.43, pp.45-52, 2021 (SCI-Expanded)
- VIII. **Chemical Variation, Antimicrobial, Nitric Oxide Scavenging Activities and Tyrosinase Inhibition of Essential Oils and Solvent Extracts from *Filipendula vulgaris* Moench Growing in Turkey**  
Fandaklı S., KORKMAZ B., FAİZ Ö., BOZDAL G., ERİK İ., TERZİOĞLU S., YAYLI N.  
IRANIAN JOURNAL OF PHARMACEUTICAL RESEARCH, vol.20, no.3, pp.110-120, 2021 (SCI-Expanded)
- IX. **New chlorogenic acid derivatives and triterpenoids from *Scorzonera aucheriana***  
ERİK İ., ÇOŞKUNÇELEBİ K., MAKBUL S., YAYLI N.  
Turkish Journal of Chemistry, vol.45, no.1, pp.199-209, 2021 (SCI-Expanded)
- X. **Chemical composition, antimicrobial, and lipase enzyme activity of essential oil and solvent extracts from *Serapias orientalis* subsp. *orientalis***  
Erik İ., Kilic G., Öztürk E., Karaoglu S. A., Yaylı N.  
TURKISH JOURNAL OF CHEMISTRY, vol.44, pp.1655-1662, 2020 (SCI-Expanded)
- XI.  **$\alpha$ -Glucosidase inhibitory effects of polyphenols from *Geranium asphodeloides*: Inhibition kinetics and mechanistic insights through in vitro and in silico studies**  
RENDA G., SARI S., Barut B., ŞORAL M., Liptaj T., KORKMAZ B., ÖZEL A., ERİK İ., ŞÖHRETOĞLU D.  
Bioorganic Chemistry, vol.81, pp.545-552, 2018 (SCI-Expanded)
- XII. **Biological Evaluation (Antimicrobial, Antioxidant, and Enzyme Inhibitions), Total Phenolic Content and Volatile Chemical Compositions of *Caucasalia macrophylla* (M. Bieb.) B. Nord. (Asteraceae)**  
YAYLI N., FANDAKLI S., KORKMAZ B., Barut B., RENDA G., ERİK İ.  
JOURNAL OF ESSENTIAL OIL BEARING PLANTS, vol.21, no.5, pp.1359-1373, 2018 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Volatile constituents and antimicrobial activity of vinca major l. Subsp. hirsuta (boiss) stearn grown in turkey**  
ERİK İ., BOZDAL G., KORKMAZ B., Fandaklı S., ALPAY KARAOĞLU Ş., YAYLI N.  
Journal of Research in Pharmacy, vol.25, no.5, pp.581-588, 2021 (ESCI)
- II. **Antimicrobial, antioxidant, tyrosinase activities and volatile compounds of the essential oil and solvent extract of Epilobium hirsutum L. growing in Turkey**  
Kılıç G., Korkmaz B., Erik İ., Fandaklı S., Yaylı S. S., Faiz Ö., Alpay Karaoğlu Ş., Yaylı N.  
Turkish Journal of Analytical Chemistry, vol.2, no.2, pp.87-94, 2020 (Peer-Reviewed Journal)
- III. **Altitude Variation in Volatile Composition of Blueberry Leaf Analyzed by SPME GC-MS**  
Erik İ., Kılıç G., Yaylı S. S., Yılmaz G., Coşkunçelebi K., Yaylı N.  
INTERNATIONAL JOURNAL OF PHARMACEUTICAL INVESTIGATION, vol.10, no.4, pp.519-525, 2020 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **THREE NEW ANTIMICROBIAL NATURAL COMPOUNDS FROM SCORZONERA AUCHERIANA**  
Erik İ., Yaylı N., Coşkunçelebi K., Alpay Karaoğlu Ş.  
13th International Symposium of Pharmaceutical Sciences, Ankara, Turkey, 22 - 25 June 2021, no.130, pp.191-193
- II. **VOLATILE AND PHENOLIC COMPONENTS OF Anthemis tinctoria ssp. tinctoria GROWING IN TURKIYE**  
Erik İ., Bozdal G., Şener S. Ö., Terzioğlu S., Yaylı N.  
13th International Symposium of Pharmaceutical Sciences, Ankara, Turkey, 22 - 25 June 2021, no.129, pp.244
- III. **Synthesis and biological activities of benzil-D-glucoside compounds**  
Çelik G., Kılıç G., Yaylı N., Kahriman N., Erik İ., Korkmaz N., Suyabatmaz Ş., Aliyazıcıoğlu R., Sellitepe H. E., Doğan İ. S.  
3rd Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), Ankara, Turkey, 19 - 20 March 2020
- IV. **ESSENTIAL OIL COMPOSITION OF Serapias orientalis subs. orientalis AND ANTIMICROBIAL ACTIVITIES OF EXTRACTS**  
Erik İ., Fandaklı S., Kılıç G., Yaylı N.  
International Multidisciplinary Symposium on Drug Research and Development (DRD 2019), Malatya, Turkey, 1 - 03 July 2019, pp.24
- V. **Serapias orientalis subs. orientalis and Antimicrobial Activities of Extracts**  
ERİK İ., FANDAKLI S., KILIÇ G., YAYLI N.  
DRD-2019, Malatya, Turkey, 1 - 03 July 2019, pp.24
- VI. **VOLATILE COMPOSITION OF Parentucellia viscosa BY HYDRODISTILLATION AND DETERMINATION OF ANTIMICROBIAL ACTIVITY OF VOLATILE OIL**  
ERİK İ., FANDAKLI S., KILIÇ G., YAYLI N.  
International Multidisciplinary Symposium on Drug Research and Development (DRD 2019), Malatya, Turkey, 1 - 03 July 2019, pp.363-364
- VII. **VOLATILE ORGANIC COMPOUNDS OF Sedum album and Phedimus stoloniferus SPECIES GROWN IN TURKEY**  
Fandaklı S., Korkmaz B., Erik İ., Öztürk E., Terzioğlu S., Yaylı N.  
4th International Symposium of Medicinal and Aromatic Plants, İzmir, Turkey, 2 - 04 October 2018, pp.265
- VIII. **ESSENTIAL OIL AND SPME ANALYSIS of Ipomea purpurea**  
ERİK İ., KORKMAZ B., YAYLI N.  
12th International Symposium on Pharmaceutical Sciences (ISOPS-12), Ankara, Turkey, 26 - 29 June 2018, vol.x
- IX. **VOLATILE COMPOSITION of Serapias orientalis subsp. orientalis**  
ERİK İ., KORKMAZ B., TERZİOĞLU S., YAYLI N.  
12th International Symposium on Pharmaceutical Sciences (ISOPS-12), Ankara, Turkey, 26 - 29 June 2018, pp.167
- X. **Toxic Proteins of Plants**

ERİK İ., YALÇIN C. Ö.

3 rd International Multidisciplinary Symposium on Drug Research and Development- DRD 2017, Erzurum, Turkey, 5 - 07 October 2017, pp.146

**XI. Main Toxic Compounds of Palm Oil**

ERİK İ., YILMAZ SARIALTIN S., YALÇIN C. Ö.

3 rd International Multidisciplinary Symposium on Drug Research and Development- DRD 2017, Erzurum, Turkey, 5 - 07 October 2017, pp.171

**XII. Cistus laurifolius Bitkisinin Toprak Üstü Kısımlarından Hidrodistilasyon Yöntemi ve Bitkinin Kuru Kısımları ile Hekzan Ekstresinden SPME Yöntemi ile Uçucu Organik Bileşiklerinin Karşılaştırmalı Analizi**

YAYLI N., ERİK İ., KORKMAZ B., MAKBUL S.

IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017, pp.415

**XIII. Epilobium hirsutum L. Bitkisi'nin Uçucu Bileşenleri ve Biyolojik Aktivitesi**

YAYLI N., FANDAKLI S., KORKMAZ B., ERİK İ., FAİZ Ö.

Uluslararası 5. İLAÇ KİMYASI: İLAÇ ETKİN MADDESİ TASARIMI, SENTEZİ, ÜRETİMİ VE STANDARDİZASYONU KONGRESİ, Antalya, Turkey, 30 March - 02 April 2017

## Memberships / Tasks in Scientific Organizations

Sağlık Bilimleri Enstitüsü İç Kontrol İzleme ve Yönlendirme Kurulu, Member, 2021 - Continues, Turkey

Uzaktan Eğitim Komisyonu , Member, 2020 - Continues, Turkey

AR-GE KOMİSYONU, Member, 2019 - Continues, Turkey

KTÜ Eczacılık Fakültesi Araştırma Projesi Komisyonu, Member, 2018 - Continues

KTÜ Eczacılık Fakültesi Staj Komisyonu, Member, 2016 - Continues

Ankara Üniversitesi Eczacılık Fakültesi Mezunları Derneği, Member, 2015 - Continues

## Scientific Refereeing

TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, August 2021

## Metrics

Publication: 30

Citation (WoS): 56

Citation (Scopus): 60

H-Index (WoS): 4

H-Index (Scopus): 4

## Congress and Symposium Activities

International Multidisciplinary Symposium on Drug Research and Development (DRD 2019), Attendee, Malatya, Turkey, 2019

12th International Symposium on Pharmaceutical Sciences (ISOPS-12), Attendee, Ankara, Turkey, 2018

International Multidisciplinary Symposium on Drug Research and Development, Attendee, Erzurum, Turkey, 2017

1.MEGA Trabzon Eczacılık Kongresi, Attendee, Trabzon, Turkey, 2017

## Scholarships

2211-A GENEL YURT İÇİ DOKTORA BURS PROGRAMI, TUBITAK, 2017 - Continues