

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: A-8295-2008

ScopusID: 35071145000

Yoksis Researcher ID: 55382

## Biography

he received his degree from the Faculty of Pharmacy of Anadolu University, in 1992. In the year 1995, he obtained his MSc degree with his work on the "Synthesis of Phosphatidylcholine Analogues" in Chemistry at the School of Chemical Sciences of the University of East Anglia, Norwich in UK. During his PhD, he has worked both at HEJ Research Institute of Chemistry, in Pakistan and at the Department of Pharmacognosy at the Faculty of Pharmacy, University of Mississippi Oxford in the United States, respectively. His PhD project: "Microbial Transformation of Bioactive Monoterpenes" was finished in 2000 at Anadolu University. He earned his Faculty position the year after, and was appointed as staff and Assisting Professor in the Department of Pharmacognosy at the Faculty of Pharmacy, Anadolu University, Eskişehir, Turkey. In 2002, he moved as post-doctoral scientific co-worker to the University of Regensburg, Department of Pharmaceutical Biology, Germany, where he worked on bioassays, herbal medicinal products besides teaching, until the end of 2003. During 2004-2005 he served as lieutenant in the Turkish Army, Military Drug Factory, in Ankara. In 2005, he was appointed as full time staff and as Associate Professorship in the Department of Pharmacognosy, Eskişehir. In the year 2010 he was appointed as Professor.

Among his administrative duties he served as director for the Graduate School of Health Sciences until 2014, and as the founding Dean of the Faculty of Health Sciences until Mid of 2017 . He participated in the organization of various workshops, symposia and conferences.

He has produced more than 180 international peer reviewed publications, 20 book Chapters, and is editor of several text books and in the editorial boards of various Natural Product journals. He has more than 30 national international industry/research projects; More than 200 national and international presentations and 20 PCT applications. According to Google Scholar 6500 citations with an 41 h-index is recorded. He established with Prof. Baser the Badebio Biotechnology Ltd. Company, a spin-off for R&D in 2009. He is still working as a full faculty member in the Faculty of Pharmacy. He is among the coordinators of the Health Management program at the Open Education Faculty. Teaching and workshop activities include undergraduate and postgraduate levels as well as Chambers of Pharmacies. Worked in the Herbal Medicinal Products Committee of the Ministry of Health, Turkish Medicines and Medical Devices Institution. Since 2019 he is also teaching in Eastern Mediterranean University at the Faculty of Pharmacy in Cyprus.

## Education Information

Doctorate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmakognozi (Dr), Turkey 1995 - 2000

Postgraduate, University of East Anglia, School Of Chemical Sciences, England 1993 - 1995

Undergraduate, Anadolu University, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Turkey 1990 - 1992

## Foreign Languages

German, C1 Advanced

English, B2 Upper Intermediate

## Dissertations

Doctorate, Biyoaktif monoterpenlerin mikrobiyal transformasyonu, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmakognozi (Dr), 2000

Postgraduate, Studies towards the synthesis of phosphatidylcholine analogues, University of East Anglia, School Of Chemical Sciences, 1995

## Research Areas

Pharmacognosy

## Academic Titles / Tasks

Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2010 - Continues

Associate Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2005 - 2010

Assistant Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2001 - 2005

Research Assistant, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 1992 - 2000

## Academic and Administrative Experience

Anadolu University, 2014 - 2016

Anadolu University, 2014 - 2014

Anadolu University, 2010 - 2014

## Courses

Fitoterapide Kullanılan Droglar II , Postgraduate, 2015 - 2016, 2013 - 2014

Farmakopelerde Bitkisel Ürünle, Postgraduate, 2015 - 2016, 2013 - 2014, 2011 - 2012, 2010 - 2011

Bilimsel ve Mesleki Etik, Undergraduate, 2015 - 2016

Bilim Etiği, Postgraduate, 2015 - 2016, 2014 - 2015

Bilimsel, Tıbbi ve Mesleki Etik -, Postgraduate, 2014 - 2015

Bitkilerde Biyosentez II, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012

Bitkisel Preparatlar, Undergraduate, 2013 - 2014, 2011 - 2012, 2007 - 2008

Farmakognozide Biyotransformasyon, Postgraduate, 2013 - 2014, 2011 - 2012, 2009 - 2010, 2007 - 2008, 2005 - 2006

Farmakopelerde Bitkisel Preparatlar, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2009 - 2010, 2007 - 2008

Farmakognoziye Biyotransformasyon, Doctorate, 2013 - 2014, 2011 - 2012, 2009 - 2010, 2007 - 2008  
Bitkilerde Biyosentez I ve II, Postgraduate, 2013 - 2014, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003  
Farmakobiyoteknoloji, Postgraduate, 2013 - 2014  
Bitkilerde Biyosentez I, Doctorate, 2012 - 2013  
Farmakognozi Teorik II, Undergraduate, 2012 - 2013  
Farmakognozi uygulama I-III, Undergraduate, 2012 - 2013, 2011 - 2012, 2009 - 2010, 2007 - 2008, 2006 - 2007, 2005 - 2006  
farmakognozi uygulama I-IV, Undergraduate, 2003 - 2004

## Advising Theses

Demirci F., Karaciğer yağlanmasına karşı fitoterapötik formülasyonların geliştirilmesi, Doctorate, A.ESRA(Student), 2022

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

- I. ***In vitro* antimicrobial activity of chlorhexidine in combination with essential oils of *Mentha x piperita* L. & *Thymus serpyllum* L. & *Pelargonium graveolens* L'hér**  
KARADAĞ A. E., KAHYA S. E., Oz A. c., Demirci B., DEMİRCİ F.  
JOURNAL OF ESSENTIAL OIL RESEARCH, 2024 (SCI-Expanded)
- II. **Selective in vitro Synergistic Evaluation of Probiotic Tolerant morpholinyl- and 4-ethylpiperazinyl- Imidazole-chalcone Derivatives on Gastrointestinal System Pathogens**  
Soylemez T., Kaplancikli Z. A., OSMANİYE D., ÖZKAY Y., DEMİRCİ F.  
CURRENT MICROBIOLOGY, vol.81, no.8, 2024 (SCI-Expanded)
- III. ***In vitro* cholinesterase, lipoxygenase inhibition evaluation of rosemary and coriander essential oil nanoemulsion and characterisation**  
Karaca N., DEMİRCİ F.  
JOURNAL OF HERBAL MEDICINE, vol.45, 2024 (SCI-Expanded)
- IV. **Preparation, characterization, and in vitro evaluation of microemulsion based cream formulations for the topical treatment of acne vulgaris**  
Caglar E. S., Reis R., KARADAĞ A. E., DEMİRCİ F., SİPAHİ H., AYDIN A., Okur N. U.  
JOURNAL OF SURFACTANTS AND DETERGENTS, 2024 (SCI-Expanded)
- V. **The Therapeutic Potential of Essential Oils in Managing Inflammatory Skin Conditions: A Scoping Review**  
Dontje A. E. W. K., Schuiling-Veninga C. C. M., van Hunsel F. P. A. M., Ekhart C., DEMİRCİ F., Woerdenbag H. J.  
PHARMACEUTICALS, vol.17, no.5, 2024 (SCI-Expanded)
- VI. **Enzyme-Based Antiviral Potential of Cinnamomum verum J. Presl. Essential Oil and Its Major Component (*E*)-Cinnamaldehyde**  
Karadag A., BİLTEKİN KALELİ S. N., Ghani U., DEMİRCİ B., DEMİRCİ F.  
ACS OMEGA, vol.9, pp.14118-14122, 2024 (SCI-Expanded)
- VII. **Ginger essential oil-loaded hydrogels: preparation, characterization, cytotoxicity, antimicrobial and anti-inflammatory activity**  
ARPA M. D., KESMEN E. E., ARSLAN T., KARADAĞ A. E., BİLTEKİN KALELİ S. N., DEMİRCİ F.  
JOURNAL OF ESSENTIAL OIL RESEARCH, vol.36, no.1, pp.16-29, 2024 (SCI-Expanded)
- VIII. **Microbial Transformation of Hesperidin and Biological Evaluation**  
Kirci D., DEMİRCİ F., DEMİRCİ B.  
ACS OMEGA, no.45, pp.42610-42621, 2023 (SCI-Expanded)
- IX. **Comparative In Vitro and In Silico Enzyme Inhibitory Screening of *Rosa x damascena* and**

**Pelargonium graveolens Essential Oils and Geraniol**

KARADAĞ A. E., BİLTEKİN KALELİ S. N., DEMİRCİ B., DEMİRCİ F., Ghani U.

PLANTS-BASEL, vol.12, no.18, 2023 (SCI-Expanded)

- X. **In Vitro and In Silico Evaluation of ACE2 and LOX Inhibitory Activity of Origanum Essential Oils and Carvacrol (#)**  
DEMİRCİ F., Terali K., Karadag A. E., Biltekin S. N., Sakalli E. A., DEMİRCİ B., Kosar M., Baser K. H. C.  
PLANTA MEDICA, no.08, pp.790-799, 2023 (SCI-Expanded)
- XI. **Antimicrobial evaluation of Tripleurospermum callosum (Boiss. & Heldr.) E. Hossain extracts using in vitro and in vivo Caenorhabditis elegans model against urinary system pathogens**  
Göger G., Yüksel D., Göger F., Köse Y. B., Demirci F.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH, vol.34, no.3, pp.1466-1478, 2023 (SCI-Expanded)
- XII. **In Vitro Anti-Inflammatory and Anticancer Evaluation of Mentha spicata L. and Matricaria chamomilla L. Essential Oils**  
BİLTEKİN KALELİ S. N., KARADAĞ A. E., DEMİRCİ F., DEMİRCİ B.  
ACS OMEGA, no.19, pp.17143-17150, 2023 (SCI-Expanded)
- XIII. **In vitro Antioxidant, Enzyme Inhibitory and Antimicrobial Evaluation of Sideritis caesarea H. Duman, Aytac & Baser Extracts**  
GÜNBATAN T., GÜRBÜZ İ., Karaca N., DEMİRCİ F.  
NATURAL PRODUCT COMMUNICATIONS, vol.18, no.4, 2023 (SCI-Expanded)
- XIV. **Chemical Characterization and Multidirectional Biological Effects of Different Solvent Extracts of Arum elongatum: in Vitro and in Silico Approaches**  
Fawzi Mahomoodally M., ZENGİN G., Roumita S., Caprioli G., Mustafa A. M., Piatti D., YILDIZTUGAY E., Ak G., Esra Karadag A., Khalid A., et al.  
CHEMISTRY & BIODIVERSITY, vol.20, 2023 (SCI-Expanded)
- XV. **Enhanced Bioactivity of Rosemary, Sage, Lavender, and Chamomile Essential Oils by Fractionation, Combination, and Emulsification**  
Karaca N., DEMİRCİ B., Gavahian M., DEMİRCİ F.  
ACS Omega, vol.8, no.12, pp.10941-10953, 2023 (SCI-Expanded)
- XVI. **In Vitro Antiviral Evaluations of Coldmix(®): An Essential Oil Blend against SARS-CoV-2.**  
Başer K. H. C., Karadağ A. E., Biltekin S. N., Ertürk M., Demirci F.  
Current issues in molecular biology, vol.45, no.1, pp.677-684, 2023 (SCI-Expanded)
- XVII. **Effect of Extraction Time on Origanum onites L. Infusions and Essential Oils – Biological Evaluation, Statistical Principal Component and Hierarchical Cluster Analyses**  
DEMİRCİ B., Kırıcı D., ÖZTÜRK G., DEMİRCİ F.  
Chemistry and Biodiversity, vol.19, no.12, 2022 (SCI-Expanded)
- XVIII. **ACE2 and LOX Enzyme Inhibitions of Different Lavender Essential Oils and Major Components Linalool and Camphor**  
Biltekin S. N., Karadag A. E., DEMİRCİ B., DEMİRCİ F.  
ACS OMEGA, vol.7, pp.36561-36566, 2022 (SCI-Expanded)
- XIX. **Fungal biotransformation of cedramber**  
ÖZŞEN BATUR Ö., KIRAN İ., DEMİRCİ F., Baser K. H. C.  
BIOCATALYSIS AND BIOTRANSFORMATION, vol.40, no.4, pp.248-251, 2022 (SCI-Expanded)
- XX. **Thiazole inhibitors of  $\alpha$ -glucosidase: Positional isomerism modulates selectivity, enzyme binding and potency of inhibition**  
Ghani U., Ashraf S., Haq Z. U., KAPLANCIKLI Z. A., DEMİRCİ F., ÖZKAY Y., Afzal S.  
Computational Biology and Chemistry, vol.98, 2022 (SCI-Expanded)
- XXI. **In vitro and in silico Evaluation of ACE2 and LOX Inhibitory Activity of Eucalyptus Essential Oils, 1,8-Cineole, and Citronellal**  
Sakalli E. A., Terali K., Karadag A. E., Biltekin S. N., Kosar M., DEMİRCİ B., Baser K. H. C., DEMİRCİ F.  
NATURAL PRODUCT COMMUNICATIONS, vol.17, no.6, 2022 (SCI-Expanded)

- XXII. **In vitro ACE2 and 5-LOX Inhibition of Rosmarinus officinalis L. Essential Oil and its Major Component 1,8-Cineole**  
DEMİRCİ F., Karadag A. E., Biltekin S. N., DEMİRCİ B.  
RECORDS OF NATURAL PRODUCTS, vol.16, no.2, pp.194-199, 2022 (SCI-Expanded)
- XXIII. **Binary Synergistic Combinations of Lavender and Fennel Essential Oils with Amoxicillin (#)**  
Karadag A. E., Caskurlu A., DEMİRCİ B., DEMİRCİ F.  
PLANTA MEDICA, vol.89, no.8, pp.800-807, 2022 (SCI-Expanded)
- XXIV. **Rosmarinus officinalis L. essential oil encapsulated in new microemulsion formulations for enhanced antimicrobial activity**  
Karadag A. E., Okur N. U., DEMİRCİ B., DEMİRCİ F.  
JOURNAL OF SURFACTANTS AND DETERGENTS, vol.25, no.1, pp.95-103, 2022 (SCI-Expanded)
- XXV. **The 4-(dimethylaminoalkyl)piperazine inhibitors of alpha-glucosidase: allosteric enzyme inhibition and identification of interacting chemical groups**  
Ghani U., Ashraf S., Ul Haq Z., KAPLANCIKLI Z. A., DEMİRCİ F., ÖZKAY Y., Afzal S.  
TURKISH JOURNAL OF CHEMISTRY, vol.46, no.5, pp.1484-1492, 2022 (SCI-Expanded)
- XXVI. **Synthesis, antimicrobial and antioxidant activities of pyridyl substituted thiazolyl triazole derivatives**  
TAY N. F., DURAN M., KAYAĞIL İ., YURTTAŞ L., GÖGER G., GÖGER F., DEMİRCİ F., DEMİRAYAK Ş.  
BRAZILIAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.58, 2022 (SCI-Expanded)
- XXVII. **Secondary metabolites from Verbascum bugulifolium Lam. and their bioactivities**  
Gokmen A., Kusz N., Karaca N., DEMİRCİ F., Hohmann J., KIRMIZIBEKMEZ H.  
NATURAL PRODUCT RESEARCH, vol.35, no.23, pp.5294-5298, 2021 (SCI-Expanded)
- XXVIII. **In Vitro ACE2 and 5-LOX Enzyme Inhibition by Menthol and Three Different Mint Essential Oils**  
DEMİRCİ F., Karadag A. E., Biltekin S. N., DEMİRCİ B.  
NATURAL PRODUCT COMMUNICATIONS, vol.16, no.11, 2021 (SCI-Expanded)
- XXIX. **Microbial Transformation of (-)-alpha-Bisabolol Towards Bioactive Metabolites**  
FIRAT Z., DEMİRCİ F., DEMİRCİ B., KIRMIZIBEKMEZ H., Baser K. H. C.  
RECORDS OF NATURAL PRODUCTS, vol.15, no.6, pp.593-601, 2021 (SCI-Expanded)
- XXX. **An Investigation Into the Degree of Sinus Mucosal Delivery of Inhaled Black Cumin Volatile and Peppermint Essential Oils**  
Ture N., YILDIRIM C., PINARBAŞLI M. Ö., Ozudogru E., CİNGİ C., DEMİRCİ F., Karaca N.  
JOURNAL OF MEDICINAL FOOD, vol.24, pp.1206-1212, 2021 (SCI-Expanded)
- XXXI. **Isolation of rosmarinic acid and methyl rosmarinate as lipoxygenase inhibitors from Salvia palaestina Benth. by activity-guided fractionation**  
İÇEN M. S., GÜRBÜZ İ., Bedir E., GÜNBATAN T., DEMİRCİ F.  
SOUTH AFRICAN JOURNAL OF BOTANY, vol.141, pp.177-182, 2021 (SCI-Expanded)
- XXXII. **Dithiocarbamate derivatives inhibit alpha-glucosidase through an apparent allosteric site on the enzyme**  
Ghani U., Ashraf S., Ul-Haq Z., Mujamammi A. H., ÖZKAY Y., DEMİRCİ F., KAPLANCIKLI Z. A.  
CHEMICAL BIOLOGY & DRUG DESIGN, vol.98, no.2, pp.283-294, 2021 (SCI-Expanded)
- XXXIII. **Chemical composition, antibacterial and antioxidant activities of Cnidium silaifolium ssp. orientale (Boiss.) Tutin essential oils**  
Karadag A. E., Demirci B., Cecen O., Tosun F., DEMİRCİ F.  
GRASAS Y ACEITES, vol.72, no.2, 2021 (SCI-Expanded)
- XXXIV. **Synergistic antibacterial combination of Lavandula latifolia Medik. essential oil with camphor**  
Karaca N., Sener G., DEMİRCİ B., DEMİRCİ F.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.76, no.3-4, pp.169-173, 2021 (SCI-Expanded)
- XXXV. **Editorial**  
DEMİRCİ F.  
NATURAL PRODUCT COMMUNICATIONS, vol.16, no.2, 2021 (SCI-Expanded)
- XXXVI. **Secondary metabolites from the aerial parts of Sideritis germanicopolitana and their in vitro enzyme**

**inhibitory activities**

KIRMIZIBEKMEZ H., Erdogan M., Kusz N., Karaca N., Erdem U., DEMİRCİ F., Hohmann J.  
NATURAL PRODUCT RESEARCH, vol.35, no.4, pp.655-658, 2021 (SCI-Expanded)

XXXVII. **Anti-inflammatory, analgesic and in vivo-in vitro wound healing potential of the *Phlomis rigida* Labill. extract**

Okur M. E., Karadag A. E., Ozhan Y., SİPAHİ H., AYL A Ş., Daylan B., Kultur S., Demirci B., DEMİRCİ F.  
JOURNAL OF ETHNOPHARMACOLOGY, vol.266, 2021 (SCI-Expanded)

XXXVIII. **Hemostatic Activity of *Cistus creticus* Extract in Wistar Albino Rats**

Karadag A. E., caskurlu A., Okur M. E., Guzelmeric E., Okur N. U., TOSUN F., YEŞİLADA E., DEMİRCİ F.  
REVISTA BRASILEIRA DE FARMACOGNOSIA-BRAZILIAN JOURNAL OF PHARMACOGNOSY, vol.30, no.6, pp.844-847,  
2020 (SCI-Expanded)

XXXIX. **Rutamarin: Efficient Liquid-Liquid Chromatographic Isolation from *Ruta graveolens* L. and Evaluation of Its In Vitro and In Silico MAO-B Inhibitory Activity**

Koziol E., Luca S. V., AĞALAR H. G., SAĞLIK B. N., DEMİRCİ F., Marcourt L., Wolfender J., Jozwiak K., Skalicka-Wozniak K.  
MOLECULES, vol.25, no.11, 2020 (SCI-Expanded)

XL. **In Vivo Wound Healing and In Vitro Anti-Inflammatory Activity Evaluation of *Phlomis russeliana* Extract Gel Formulations**

Okur M. E., Karadag A. E., Okur N. U., Ozhan Y., SİPAHİ H., AYL A Ş., Daylan B., DEMİRCİ B., DEMİRCİ F.  
MOLECULES, vol.25, no.11, 2020 (SCI-Expanded)

XLI. **Chemical Characterization and Biological Activity of the Mastic Gum Essential Oils of *Pistacia lentiscus* var. *chia* from Turkey**

Tabanca N., NALBANTSOY A., Kendra P. E., DEMİRCİ F., DEMİRCİ B.  
MOLECULES, vol.25, no.9, 2020 (SCI-Expanded)

XLII. **Antimicrobial, anticholinesterase evaluation and chemical characterization of essential oil *Phlomis kurdica* Rech. fil. Growing in Turkey**

Karadag A. E., DEMİRCİ B., Kultur S., DEMİRCİ F., Baser K. H. C.  
JOURNAL OF ESSENTIAL OIL RESEARCH, vol.32, no.3, pp.242-246, 2020 (SCI-Expanded)

XLIII. **Antiprotozoal Activity of Turkish *Origanum onites* Essential Oil and Its Components**

Tasdemir D., Kaiser M., Demirci B., DEMİRCİ F., BAŞER K. H. C.  
MOLECULES, vol.24, no.23, 2019 (SCI-Expanded)

XLIV. **Synthesis, Characterization and X-Ray Crystal Structure of the New Schiff Base and Anticandidal Evaluation**

POYRAZ M., SARI M., BERBER H., Karaca N., DEMİRCİ F.  
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.41, no.6, pp.1090-1096, 2019 (SCI-Expanded)

XLV. **In vitro antibacterial, antioxidant, anti-inflammatory and analgesic evaluation of *Rosmarinus officinalis* L. flower extract fractions**

Karadag A. E., Demirci B., Caskurlu A., DEMİRCİ F., Okur M. E., Orak D., Sipahi H., Baser K. H. C.  
SOUTH AFRICAN JOURNAL OF BOTANY, vol.125, pp.214-220, 2019 (SCI-Expanded)

XLVI. **Folk medicine in Duzce Province (Turkey)**

GÜRBÜZ İ., GENÇLER ÖZKAN A. M., AKAYDIN G., SALİHOĞLU E., GÜNBATAN T., DEMİRCİ F., Yesilada E.  
TURKISH JOURNAL OF BOTANY, vol.43, no.6, pp.769-849, 2019 (SCI-Expanded)

XLVII. **Anti-inflammatory and antibacterial evaluation of *Thymus sipyleus* Boiss. subsp *sipyleus* var. *sipyleus* essential oil against rhinosinusitis pathogens**

DEMİRCİ F., Karaca N., Tekin M., DEMİRCİ B.  
MICROBIAL PATHOGENESIS, vol.122, pp.117-121, 2018 (SCI-Expanded)

XLVIII. **Antimicrobial and toxicity profiles evaluation of the Chamomile (*Matricaria recutita* L.) essential oil combination with standard antimicrobial agents**

Goger G., DEMİRCİ B., ILGIN S., DEMİRCİ F.  
INDUSTRIAL CROPS AND PRODUCTS, vol.120, pp.279-285, 2018 (SCI-Expanded)

XLIX. **Evaluation of *Lavandula stoechas* L. subsp *stoechas* L., *Mentha spicata* L. subsp *spicata* L. essential**

**oils and their main components against sinusitis pathogens**

Karaca N., DEMİRCİ B., DEMİRCİ F.

ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.73, no.9-10, pp.353-360, 2018 (SCI-Expanded)

- L. **Carbazoles and Hydrazone-Bridged Thiazole-Pyrrole Derivatives as New Inhibitors of alpha-Glucosidase**  
Ghani U, Albarrag A., YURTTAŞ L., DEMİRCİ F., KAPLANCIKLI Z. A.  
CHEMISTRYSELECT, vol.3, no.27, pp.7921-7925, 2018 (SCI-Expanded)
- LI. **Antiproliferative and antiapoptotic effect of thymoquinone on cancer cells in vitro**  
Kus G., Ozkurt M., KABADERE S., Erkasap N., Goger G., DEMİRCİ F.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, no.5, pp.312-316, 2018 (SCI-Expanded)
- LII. **Essential Oils against Microbial Resistance Mechanisms, Challenges and Applications in Drug Discovery**  
Bueno J., DEMİRCİ F., Baser K. H. C.  
ESSENTIAL OILS AND NANOTECHNOLOGY FOR TREATMENT OF MICROBIAL DISEASES, pp.143-158, 2018 (SCI-Expanded)
- LIII. **Chemical Composition of the Essential Oil and Antimicrobial Activity of *Scaligeria DC. Taxa* and Implications for Taxonomy**  
Baldemir A., DEMİRCİ B., PAKSOY M. Y., İLGÜN S., Kosar M., Baser K. H. C., DEMİRCİ F.  
RECORDS OF NATURAL PRODUCTS, vol.12, no.1, pp.14-28, 2018 (SCI-Expanded)
- LIV. **Microbial biotransformation of alpha-ionol**  
KIRAN İ., Sefunc T. T., ÖZŞEN BATUR Ö., Baser K. H. C., DEMİRCİ F.  
JOURNAL OF CHEMICAL RESEARCH, vol.42, no.1, pp.13-14, 2018 (SCI-Expanded)
- LV. **Fungal Biotransformation of Cyclademol and Antimicrobial Activities of Its Metabolites**  
KIRAN İ., ÖZŞEN BATUR Ö., Baser K. H. C., DEMİRCİ F.  
NATURAL PRODUCT COMMUNICATIONS, vol.12, no.10, pp.1529-1530, 2017 (SCI-Expanded)
- LVI. **Comparison of Volatiles of *Sideritis caesarea* Specimens Collected from Different Localities in Turkey**  
GÜNBATAN T., DEMİRCİ B., GÜRBÜZ İ., DEMİRCİ F., GENÇLER ÖZKAN A. M.  
NATURAL PRODUCT COMMUNICATIONS, vol.12, no.10, pp.1639-1642, 2017 (SCI-Expanded)
- LVII. **Fatty Acid Composition and Biological Activities of *Tanacetum zahlbruckneri* (Nab.) Grierson Growing in Turkey**  
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## Activities in Scientific Journals

ACTA PHARMACEUTICA SCIENTIA, Scientific Committee Membership, 2017 - Continues

PHYTOCHEMICAL ANALYSIS, Advisory Committee Member, 2012 - Continues

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## Metrics

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H-Index (Scopus): 38

## Invited Talks

<https://psemeetingiasi2022.eu/>, Conference, Phytochemical society of europe, Romania, September 2022

## Awards

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