

## 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 Monoterpene" 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, Eskisehir, 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, Eskisehir. 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 Drogalar 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, Tibbi 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

Farmakognozide 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 yağlanmasıne karşı fitoterapötik formülasyonların geliştirilmesi, Doctorate, A.ESRA(Student), 2022

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

- I. Enzyme-Based Antiviral Potential of *Cinnamomum verum* J. Presl. Essential Oil and Its Major Component (<i>E</i>)-Cinnamaldehyde  
Karadag A., BİLTEKİN KALELİ S. N., Ghani U., DEMİRCİ B., DEMİRCİ F.  
ACS OMEGA, vol.9, pp.14118-14122, 2024 (SCI-Expanded)
- II. 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)
- III. Microbial Transformation of Hesperidin and Biological Evaluation  
Kirci D., DEMİRCİ F., DEMİRCİ B.  
ACS OMEGA, no.45, pp.42610-42621, 2023 (SCI-Expanded)
- IV. 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)
- V. 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)
- VI. 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)
- VII. 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)
- VIII. 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)

- IX. **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)
- X. **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)
- XI. **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)
- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **Thiazole inhibitors of α-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)
- XVII. **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)
- XVIII. **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)
- XIX. **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)
- XX. **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)
- XXI. **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)
- XXII. **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)

- XXIII. **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)
- XXIV. **In Vitro ACE2 and 5-LOX Enzyme Inhibition by Menthol and Three Different Mint Essential Oils**  
DEMİRCİ F., Karadag A. E., Biltakin S. N., DEMİRCİ B.  
NATURAL PRODUCT COMMUNICATIONS, vol.16, no.11, 2021 (SCI-Expanded)
- XXV. **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)
- XXVI. **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)
- XXVII. **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)
- XXVIII. **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)
- XXIX. **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)
- XXX. **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., AYLA Ş., Daylan B., Kultur S., Demirci B., DEMİRCİ F.  
JOURNAL OF ETHNOPHARMACOLOGY, vol.266, 2021 (SCI-Expanded)
- XXXI. **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)
- XXXII. **Editorial**  
DEMİRCİ F.  
NATURAL PRODUCT COMMUNICATIONS, vol.16, no.2, 2021 (SCI-Expanded)
- XXXIII. **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)
- XXXIV. **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., AYLA Ş., Daylan B., DEMİRCİ B., DEMİRCİ F.  
MOLECULES, vol.25, no.11, 2020 (SCI-Expanded)
- XXXV. **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)
- XXXVI. **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)
- XXXVII. 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)
- XXXVIII. 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)
- XXXIX. 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)
- XL. 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)
- XLI. 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)
- XLII. 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)
- XLIII. 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)
- XLIV. 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)
- XLV. 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)
- XLVI. 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)
- XLVII. 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)
- XLVIII. 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)
- XLIX. 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)
- L. **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)
- LI. **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)
- LII. **Rhanterium epapposum Oliv. essential oil: Chemical composition and antimicrobial, insect-repellent and anticholinesterase activities**  
DEMİRCİ B., Yusufoglu H. S., Tabanca N., TEMEL H. E., Bernier U. R., Agramonte N. M., Alqasoumi S. I., Al-Rehaily A. J., BAŞER K. H. C., DEMİRCİ F.  
SAUDI PHARMACEUTICAL JOURNAL, vol.25, no.5, pp.703-708, 2017 (SCI-Expanded)
- LIII. **Synthesis and Evaluation of New Oxadiazole, Thiadiazole, and Triazole Derivatives as Potential Anticancer Agents Targeting MMP-9**  
ÖZDEMİR A., SEVER B., ALTINTOP M. D., TEMEL H. E., ATLI EKLİOĞLU Ö., BAYSAL M., DEMİRCİ F.  
MOLECULES, vol.22, no.7, 2017 (SCI-Expanded)
- LIV. **Fatty Acid Composition and Biological Activities of Tanacetum zahlbruckneri (Nab.) Grierson Growing in Turkey**  
Eyol P. C., SARIKAHYA N., KARAKOÇ Ö. C., Gokce A., DEMİRCİ F., Kirmizigul S., GÖREN N.  
RECORDS OF NATURAL PRODUCTS, vol.11, no.4, pp.401-405, 2017 (SCI-Expanded)
- LV. **Insecticidal activity of Salvia veneris Hedge. Essential oil against coleopteran stored product insects and Spodoptera exigua (Lepidoptera)**  
Polatoglu K., KARAKOÇ Ö. C., YÜCEL Y. Y., GÜCEL S., DEMİRCİ B., DEMİRCİ F., Baser K. H. C.  
INDUSTRIAL CROPS AND PRODUCTS, vol.97, pp.93-100, 2017 (SCI-Expanded)
- LVI. **Phytochemical profiling of volatile components of Lavandula angustifolia Miller propagated under in vitro conditions**  
KIRIMER N., Mokhtarzadeh S., DEMİRCİ B., GÖGER F., Khawar K. M., DEMİRCİ F.  
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## Supported Projects

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## **Activities in Scientific Journals**

ACTA PHARMACEUTICA SCIENCIA, Scientific Committee Membership, 2017 - Continues

PHYTOCHEMICAL ANALYSIS, Advisory Committee Member, 2012 - Continues

NATURAL PRODUCT COMMUNICATIONS, Advisory Committee Member, 2009 - Continues

## **Metrics**

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H-Index (WoS): 31

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## **Invited Talks**

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## **Awards**

Demirci F., TÜRK ECZACILARI BİRLİĞİ ECZACILIK AKADEMİSİ 2022 YILI BİLİM ÖDÜLÜ, Türk Eczacıları Birliği Eczacılık Akademisi, September 2022

Demirci F., Science and Technology Award, Anadolu Üniversitesi, February 2012