

## Asst. Prof. Ayşe Esra KARADAĞ

### Personal Information

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### International Researcher IDs

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ScopusID: 57209135191

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### Education Information

Doctorate, Anadolu University, Sağlık Bilimleri Enstitüsü, Farmakognozi (Dr), Turkey 2017 - 2022

Postgraduate, Anadolu University, Sağlık Bilimleri Enstitüsü, Farmakognozi (YI) (Tezli), Turkey 2014 - 2017

Undergraduate, Istanbul University, Eczacılık Fakültesi, Turkey 2009 - 2014

### Dissertations

Doctorate, Karaciğer yağlanması karşı fitoterapötik formülasyonların geliştirilmesi, Anadolu University, Sağlık Bilimleri Enstitüsü, Farmakognozi (Dr), 2022

Postgraduate, Matrin ve oksimatrinin mikrobiyal transformasyonu ve metabolitlerinin kolinesteraz inhibisyonu, Anadolu University, Sağlık Bilimleri Enstitüsü, Farmakognozi (YI) (Tezli), 2017

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Pharmacology and Therapeutics, Life Sciences, Chemistry, Natural Sciences

### Academic Titles / Tasks

Assistant Professor, Istanbul Medipol University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2022 - Continues

Research Assistant, Istanbul Medipol University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2014 - 2022

### Academic and Administrative Experience

Vice Dean, Istanbul Medipol University, Eczacılık Fakültesi, 2024 - Continues

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

- Enzyme-Based Antiviral Potential of Cinnamomum verum J. Presl. Essential Oil and Its Major Component (E)-Cinnamaldehyde**

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

ACS Omega, vol.9, no.12, 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. **Preparation, characterization, and in vitro evaluation of microemulsion based cream formulations for the topical treatment of acne vulgaris**  
Çağlar E. Ş., REIS R., KARADAĞ A. E., DEMİRCİ F., Sipahi H., Aydın A., Üstündağ Okur N.  
Journal of Surfactants and Detergents, 2024 (SCI-Expanded)
- IV. **Biological Activities of the Natural Coumarins from Apiaceae Plants**  
TOSUN F., BİLTEKİN KALELİ S. N., KARADAĞ A. E., Mıhoğlugil F., Akalgan D., MİSKİ M.  
Records of Natural Products, vol.17, no.5, pp.867-877, 2023 (SCI-Expanded)
- V. **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, vol.12, no.18, 2023 (SCI-Expanded)
- VI. **In Vitro and In Silico Evaluation of ACE2 and LOX Inhibitory Activity of Origanum Essential Oils and Carvacrol**  
DEMİRCİ F., Terah K., KARADAĞ A. E., BİLTEKİN KALELİ S. N., Ak Sakallı E., DEMİRCİ B., Koşar M., Başer K. H. C.  
Planta medica, vol.89, no.8, pp.790-799, 2023 (SCI-Expanded)
- VII. **Development, characterization of naringenin-loaded promising microemulsion formulations, and demonstration of anti-aging efficacy by in vitro enzyme activity and gene expression**  
Şahin D., Çağlar E. Ş., Boran T., Karadağ A. E., Özhan G., Üstündağ Okur N.  
Journal of Drug Delivery Science and Technology, vol.84, 2023 (SCI-Expanded)
- VIII. **In Vitro Anti-Inflammatory and Anticancer Evaluation of Mentha spicata L. and Matricaria chamomilla L. Essential Oils**  
Biltekin S. N., KARADAĞ A. E., DEMİRCİ F., DEMİRCİ B.  
ACS OMEGA, vol.8, no.19, pp.17143-17150, 2023 (SCI-Expanded)
- IX. **Chemical Characterization and Multidirectional Biological Effects of Different Solvent Extracts of Arum elongatum: in Vitro and in Silico Approaches**  
Fawzi Mahomoodally M., Zengin G., Roumita S., Caprioli G., Mustafa A. M., Piatti D., Yıldıztugay E., Ak G., Esra Karadağ A. E., Khalid A., et al.  
Chemistry and Biodiversity, vol.20, no.4, 2023 (SCI-Expanded)
- X. **In Vitro Antiviral Evaluations of Coldmix(R): 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)
- XI. **ACE2 and LOX Enzyme Inhibitions of Different Lavender Essential Oils and Major Components Linalool and Camphor**  
Biltekin S. N., KARADAĞ A. E., DEMİRCİ B., DEMİRCİ F.  
ACS Omega, vol.7, no.41, pp.36561-36566, 2022 (SCI-Expanded)
- XII. **A novel approach in the treatment of osteoarthritis: In vitro and in vivo evaluation of Allium sativum microemulsion**  
Okur M. E., KOLBAŞI B., ŞAHİN M., KARADAĞ A. E., REIS R., Çağlar E. Ş., KAPLAN A. A., Sipahi H., KESKİN İ., Demiralp B., et al.  
Journal of Surfactants and Detergents, vol.25, no.5, pp.621-633, 2022 (SCI-Expanded)
- XIII. **In vitro and in silico Evaluation of ACE2 and LOX Inhibitory Activity of Eucalyptus Essential Oils, 1,8-Cineole, and Citronellal**  
Ak Sakallı E., Terah K., Karadağ A. E., Biltekin S. N., Koşar M., DEMİRCİ B., Hüsnü Can Başer K., DEMİRCİ F.  
Natural Product Communications, vol.17, no.6, 2022 (SCI-Expanded)
- XIV. **Binary Synergistic Combinations of Lavender and Fennel Essential Oils with Amoxicillin**  
KARADAĞ A. E., ÇAŞKURLU A., DEMİRCİ B., DEMİRCİ F.

Planta Medica, vol.89, no.8, pp.800-807, 2022 (SCI-Expanded)

- XV. **In vitro ACE2 and 5-LOX inhibition of rosmarinus officinalis L. Essential oil and its major component 1,8-cineole**  
DEMİRÇİ F., KARADAĞ A. E., Biltekin S. N., DEMİRÇİ B.  
Records of Natural Products, vol.16, no.2, pp.194-199, 2022 (SCI-Expanded)
- XVI. **Phytochemical Compounds Loaded to Nanocarriers as Potential Therapeutic Substances for Alzheimer's Disease-could They be Effective?**  
ÇİÇEK POLAT D., KARADAĞ A. E., Köprülü R. E. P., Karantas I. D., Mutlu G., Çağlar E. Ş., Okur M. E., Okur N. Ü., Siafaka P. I.  
Current Pharmaceutical Design, vol.28, no.30, pp.2437-2460, 2022 (SCI-Expanded)
- XVII. **Rosmarinus officinalis L. essential oil encapsulated in new microemulsion formulations for enhanced antimicrobial activity**  
KARADAĞ A. E., Üstündağ Okur N., DEMİRÇİ B., DEMİRÇİ F.  
Journal of Surfactants and Detergents, vol.25, no.1, pp.95-103, 2022 (SCI-Expanded)
- XVIII. **In Vitro ACE2 and 5-LOX Enzyme Inhibition by Menthol and Three Different Mint Essential Oils**  
DEMİRÇİ F., KARADAĞ A. E., Biltekin S. N., DEMİRÇİ B.  
Natural Product Communications, vol.16, no.11, 2021 (SCI-Expanded)
- XIX. **Chemical composition, antibacterial and antioxidant activities of Cnidium silaifolium ssp. Orientale (Boiss.) Tutin essential oils**  
KARADAĞ A. E., DEMİRÇİ B., Çeçen Ö., TOSUN F., Demircic F.  
Grasas y Aceites, vol.72, no.2, 2021 (SCI-Expanded)
- XX. **Anti-inflammatory, analgesic and in vivo-in vitro wound healing potential of the Phlomis rigida Labill. extract**  
Okur M. E., KARADAĞ A. E., Özhan Y., Sipahi H., Ayla Ş., Daylan B., KÜLTÜR Ş., DEMİRÇİ B., DEMİRÇİ F.  
Journal of Ethnopharmacology, vol.266, 2021 (SCI-Expanded)
- XXI. **Laurocerasus officinalis Roem. fruit extract induces cell death through caspase mediated apoptosis in gastric cancer cell lines**  
KARAKAŞ N., OKUR M. E., ÖZTUNÇ N., POLAT D. Ç., KARADAĞ A. E.  
Türk Biyokimya Dergisi, vol.46, no.2, pp.213-221, 2021 (SCI-Expanded)
- XXII. **Laurocerasus officinalis Roem. Fruit extract induces cell death through caspase mediated apoptosis in gastric cancer cell lines Laurocerasus officinalis Roem. Meyve ekstraterinin mide kanseri hücrelerinde kaspaz aracılı apoptoz yoluyla sitotoksik etkilerinin incelenmesi**  
KARAKAŞ N., Okur M. E., Öztunç N., ÇİÇEK POLAT D., KARADAĞ A. E.  
Turkish Journal of Biochemistry, vol.46, no.2, pp.213-221, 2021 (SCI-Expanded)
- XXIII. **Hemostatic Activity of Cistus creticus Extract in Wistar Albino Rats**  
KARADAĞ A. E., ÇAŞKURLU A., Okur M. E., Guzelmeric E., Okur N. Ü., TOSUN F., Yesilada E., DEMİRÇİ F.  
Revista Brasileira de Farmacognosia, vol.30, no.6, pp.844-847, 2020 (SCI-Expanded)
- XXIV. **In vivo wound healing and in vitro anti-inflammatory activity evaluation of phlomis russeliana extract gel formulations**  
Okur M. E., KARADAĞ A. E., Okur N. Ü., Özhan Y., Sipahi H., Ayla Ş., Daylan B., DEMİRÇİ B., DEMİRÇİ F.  
Molecules, vol.25, no.11, 2020 (SCI-Expanded)
- XXV. **Antimicrobial, anticholinesterase evaluation and chemical characterization of essential oil Phlomis kurdica Rech. fil. Growing in Turkey**  
KARADAĞ A. E., DEMİRÇİ B., KÜLTÜR Ş., DEMİRÇİ F., Başer K. H. C.  
Journal of Essential Oil Research, vol.32, no.3, pp.242-246, 2020 (SCI-Expanded)
- XXVI. **Opuntia ficus indica fruits ameliorate cisplatin-induced nephrotoxicity in mice**  
Okur M. E., Ayla Ş., KARADAĞ A. E., ÇİÇEK POLAT D., DEMİRÇİ M. S., Seçkin İ.  
Biological and Pharmaceutical Bulletin, vol.43, no.5, pp.831-838, 2020 (SCI-Expanded)
- XXVII. **Identification and in vitro bioactivity screening of some marine-derived fungi from Turkish coastlines Identification et criblage in vitro du potentiel thérapeutique de certains champignons d'origine marine des côtes turques.**

- Heydari H., KONUKLUGİL B., Giray B., KARADAĞ A. E., Guzel M.  
Cahiers de Biologie Marine, vol.61, no.5, pp.437-446, 2020 (SCI-Expanded)
- XXVIII. **Design and synthesis of novel cylopentapyrazoles bearing 1,2,3-thiadiazole moiety as potent antifungal agents**  
Giray B., KARADAĞ A. E., İpek Ö., PEKEL H., GÜZEL M., BAŞPINAR KÜÇÜK H.  
Bioorganic Chemistry, vol.95, 2020 (SCI-Expanded)
- XXIX. **In vitro antibacterial, antioxidant, anti-inflammatory and analgesic evaluation of Rosmarinus officinalis L. flower extract fractions**  
KARADAĞ A. E., DEMİRCİ B., ÇAŞKURLU A., DEMİRCİ F., Okur M., Orak D., Sipahi H., Başer K.  
South African Journal of Botany, vol.125, pp.214-220, 2019 (SCI-Expanded)

## Articles Published in Other Journals

- I. **In vitro anti-inflammatory activities of Tanacetum parthenium L. extract and its major metabolite parthenolide**  
BAYDAR R., KARADAĞ A. E., BİLTEKİN KALELİ S. N., Güzelmeriç E., DEMİRCİ F.  
Acta Pharmaceutica Scientia, vol.62, no.1, pp.183-192, 2024 (Scopus)
- II. **Wound Healing Activity of Arum Maculatum**  
ŞAKUL A. A., OKUR M. E., AYL A Ş., DAYLAN B., KARADAĞ A. E., BATUR Ş., ÖZDEMİR E. M., ALTINALAN E., GÜNAL M. Y.  
Medeniyet medical journal, vol.38, no.1, pp.8-15, 2023 (Peer-Reviewed Journal)
- III. **Comparison of Chemical Profiles of Aronia melanocarpa Fruit Extracts**  
GÜRER E. S., KARADAĞ A. E., ALTINTAŞ A.  
Türk Tarım - Gıda Bilim ve Teknoloji dergisi, vol.11, no.2, pp.323-328, 2023 (Peer-Reviewed Journal)
- IV. **Bioautography for evaluation of several Lavandula L. and Origanum species antimicrobial and antioxidant activity**  
KARAVUŞ Ş. N., ÇAŞKURLU A., KARADAĞ A. E., DEMİRCİ F.  
Acta Pharmaceutica Scientia, vol.61, no.2, pp.141-151, 2023 (Scopus)
- V. **In vivo wound-healing and in vitro antibacterial and antioxidant properties of Carduus adpressus extract**  
ŞAKUL A. A., Ayla Ş., Okur M. E., KARADAĞ A. E., Daylan B., GÜZEL E., Özdemir E. M., Günal M. Y.  
Journal of Research in Pharmacy, vol.27, no.2, pp.665-676, 2023 (ESCI)
- VI. **Traditional Herbal Drugs against Liver Diseases – Experimented in vitro using HepG2 Cells for Induced Steatosis**  
KARADAĞ A. E., Okur M. E., Özhan Y., Sipahi H., DEMİRCİ F.  
Journal of Research in Pharmacy, vol.27, no.5, pp.1831-1847, 2023 (ESCI)
- VII. **In vitro cytotoxicity evaluation and phytochemical analysis of Ajuga reptans L. extracts**  
ÇAŞKURLU A., KARAVUŞ Ş. N., BİLTEKİN KALELİ S. N., Helvacı E. Z., KARADAĞ A. E.  
Journal of Research in Pharmacy, vol.27, no.5, pp.2115-2123, 2023 (ESCI)
- VIII. **ANTIOXIDANT ACTIVITY AND ANTI-CANCER EFFECTS OF BILBERRY (VACCINIUM MYRTILLUS L.) FRUIT EXTRACT ON GASTRIC CANCER, AGS CELL LINE YABANMERSİNİ (VACCINIUM MYRTILLUS L.) MEYVE ÖZÜ'NÜN MİDE KANSERİ, AGS HÜCRE HATTI ÜZERİNDE ANTIOKSİDAN AKTİVİTESİ VE ANTI-KANSER ETKİLERİ**  
KARAKAŞ N., Okur M. E., Sağır T., Uludağ D., ÇİÇEK POLAT D., KARADAĞ A. E.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.46, no.3, pp.781-792, 2022 (Scopus)
- IX. **CYTOTOXIC EFFECTS OF ARCTIUM MINUS METHANOL EXTRACT ON VARIOUS CANCER CELL LINES ARCTIUM MINUS METANOL EKSTRESİNİN ÇEŞİTLİ KANSER HÜCRE HATLARI ÜZERİNDE SİTOTOKSİK ETKİLERİ**  
Sayın Şakul A. A., YOZGAT BYRNE Y., KARADAĞ A. E., ALTINALAN E., ÇiMen Ş., Okur M. E.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.46, no.3, pp.742-754, 2022 (Scopus)

- X. **In vitro ACE2 Enzyme Inhibitory Activity Evaluation of Different Salvia Essential Oils**  
KARADAĞ A. E., BİLTEKİN S. N., DEMİRCİ B., DEMİRCİ F.  
Acta Pharmaceutica Scientia, vol.60, no.2, pp.117-124, 2022 (Scopus)
- XI. **PHYTOCHEMICAL AND IN VITRO PHARMACOLOGICAL EVALUATION OF PHLOMIS PUNGENS PHLOMIS PUNGENS'İN FİTOKİMYA VE İN VİTRO FARMAKOLOJİK ETKİLERİNİN DEĞERLENDİRİLMESİ**  
OKUR M. E., KARADAĞ A. E., REİS R., SİPAHİ H., ARSLAN R., DEMİRCİ B., DEMİRCİ F.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.46, no.1, pp.11-22, 2022 (Scopus)
- XII. **Volatile components and antimicrobial activity of the N-Hexane extracts of neomuretia pisdica (Kitan)** Kljuykov, Degtjareva & Zakharova  
KARADAĞ A. E., DEMİRCİ B., ÇEÇEN Ö., ÜNAL A., TOSUN F.  
Natural Volatiles and Essential Oils, vol.8, no.1, pp.18-21, 2021 (Scopus)
- XIII. **Microbial transformations of matrine and oxymatrine and in vitro biological evaluation of metabolites**  
KARADAĞ A. E., DEMİRCİ F.  
Mersin Üniversitesi Sağlık Bilimleri Dergisi, vol.13, no.1, pp.24-34, 2020 (Peer-Reviewed Journal)
- XIV. **In Vitro Anti-Helicobacter pylori and Antimycobacterial Activity Evaluation of Selected Plants From Turkey**  
KARADAĞ A. E., ÇAŞKURLU A., TOSUN F.  
JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, vol.5, no.2, pp.231-235, 2020 (Peer-Reviewed Journal)
- XV. **Cosmetic Preparations and Plants Used in Cosmetic Preparati**  
OKUR N. Ü., KARADAĞ A. E., İPEKÇİ E., BÜLBÜL E.  
Literatür Eczacılık Bilimleri Dergisi, vol.9, no.3, pp.292-303, 2020 (Peer-Reviewed Journal)
- XVI. **Evaluation of in vitro anti-cancer effects of Styphnolobium japonicum root extract in human colon (HT-9), brain (U-87), and prostate (PC-3) cancer cell lines**  
OKUR M. E., KARAKAŞ N., KARADAĞ A. E., ÖZTUNÇ N., TOSYALI İ. S., DEMİRCİ F.  
Istanbul Journal of Pharmacy, vol.50, no.2, pp.103-110, 2020 (ESCI)
- XVII. **Evaluation of in vitro anti-cancer effects of Sophora japonica L. root extract in human colon (HT-9), brain (U-87), and prostate (PC-3) cancer cell lines**  
OKUR M. E., KARAKAŞ N., KARADAĞ A. E., ÖZTUNÇ N., TOSYALI İ. S., DEMİRCİ F.  
JOURNAL OF PHARMACY OF ISTANBUL UNIVERSITY, vol.50, no.2, pp.103-110, 2020 (ESCI)
- XVIII. **Wound healing effect of naringin gel in alloxan induced diabetic mice Alloxan ile diyabet olusturulmuş farelerde naringin jelin yara iyilestirici etkiler**  
OKUR M. E., ŞAKUL A. A., AYLA S., KARADAĞ A. E., SENYÜZ C. S., BATUR Ş., DAYLAN B., ÖZDEMİR E. M., PALABIYIK-YÜCELLİK S., SİPAHİ H., et al.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.44, no.3, pp.397-414, 2020 (Scopus)
- XIX. **In vitro antifungal activity of cistus creticus l. Against plant pathogenic fungi**  
ÇAŞKURLU A., KARADAĞ A. E., KÖSE Y. B., TOSUN F.  
Acta Pharmaceutica Scientia, vol.58, no.4, pp.413-419, 2020 (Scopus)
- XX. **Antibacterial evaluation of elettaria cardamomum (L.) Maton, Lavandula angustifolia mill. and salvia fruticosa mill. essential oil combinations in mouthwash preparations**  
KARADAĞ A. E., İPEKÇİ E., YAĞCILAR A. P., DEMİRBOLAT İ., KARTAL M., SİFAKA P. İ., OKUR N. Ü.  
Natural Volatiles and Essential Oils, vol.7, no.1, pp.9-17, 2020 (Scopus)
- XXI. **An alternative approach wound healing field with Polypodium vulgare Polypodium vulgare ile yara iyileşme alanına alternatif bir yaklaşım**  
BATUR Ş., AYLA S., ŞAKUL A. A., OKUR M. E., KARADAĞ A. E., DAYLAN B., ÖZDEMİR E. M., KEPİL N., GUNAL M. Y.  
Medeniyet Medical Journal, vol.35, no.4, pp.315-323, 2020 (Scopus)
- XXII. **Antimicrobial activities of mouthwashes obtained from various combinations of Elettaria cardamomum Maton., Lavandula angustifolia Mill. and Salvia triloba L. essential oils**  
KARADAĞ A. E., İPEKÇİ E., YAĞCILAR A. P., SİFAKA P., ÜSTÜNDAĞ OKUR N.  
Natural Volatiles and Essential Oils, vol.7, no.1, pp.9-17, 2020 (Scopus)

- XXIII. **Investigation of volatile components and various in vitro biological activities of *tilia tomentosa* moench flowers**  
KARAKAŞ N., OKUR M. E., ÖZTUNÇ N., KARADAĞ A. E., KÜLTÜR Ş., DEMİRCİ B.  
Mersin Üniversitesi Sağlık Bilimleri Dergisi, vol.12, no.2, pp.220-229, 2019 (Peer-Reviewed Journal)
- XXIV. **Chemical characterization of *Glaucosciadium cordifolium* (Boiss.) B. L. Burtt & P. H. Davis essential oils and their antimicrobial, and antioxidant activities**  
KARADAĞ A. E., DEMİRCİ B., ÇEÇEN Ö., TOSUN F.  
Istanbul Journal of Pharmacy, vol.49, no.2, pp.77-80, 2019 (Peer-Reviewed Journal)
- XXV. **Investigation of antioxidant and cytotoxic activities of *Opuntia ficus-indica* (L.) Mill. fruit extract**  
OKUR M. E., KARAKAŞ N., KARADAĞ A. E., ULUDAĞ D., ÇİÇEK POLAT D.  
Istanbul Journal of Pharmacy, vol.49, no.3, pp.154-160, 2019 (Peer-Reviewed Journal)
- XXVI. **In vitro Antimicrobial and Antioxidant Evaluation of *Melampyrum arvense* var. *elatius* L. and *Sedum spurium* M. Bieb. Extracts**  
KARADAĞ A. E., TOSUN F.  
Acta Pharmaceutica Scientia, vol.57, no.2, pp.193-201, 2019 (Scopus)
- XXVII. **Antioxidant activity of blackthorn (*Prunus spinosa* L.) fruit extract and cytotoxic effects on various cancer cell lines *Prunus spinosa* l. Ekstresinin çeşitli kanser hücre soylarındaki antioksidan ve sitotoksik etkileri**  
KARAKAŞ N., Okur M. E., Ozturk I., Ayla S., KARADAĞ A. E., ÇİÇEK POLAT D.  
Medeniyet Medical Journal, vol.34, no.3, pp.297-304, 2019 (Scopus)
- XXVIII. **In vitro antimicrobial and antioxidant activity evaluation of *melampyrum arvense* L. Var. *elatius* boiss. and *sedum spurium* m. bieb. extracts**  
KARADAĞ A. E., TOSUN F.  
Acta Pharmaceutica Scientia, vol.57, no.2, pp.193-201, 2019 (Scopus)
- XXIX. **In vitro cytotoxicity evaluation of *Marrubium vulgare* L. methanol extract**  
Okur M. E., KARAKAŞ N., KARADAĞ A. E., Yılmaz R., DEMİRCİ F.  
Journal of Research in Pharmacy, vol.23, no.4, pp.711-718, 2019 (Scopus)
- XXX. **Characterization of *Opuntia ficus-indica* (L.) Mill. fruit volatiles and antibacterial evaluation**  
KARADAĞ A. E., DEMİRCİ B., ÇİÇEK POLAT D., Okur M. E.  
Natural Volatiles and Essential Oils, vol.5, no.4, pp.35-38, 2018 (Scopus)

## Supported Projects

KARADAĞ A. E., TUBITAK Project, *Lavandula angustifolia* Mill. Uçucu Yağı İçeren Oral ve Nazal Fitoterapötiklerin Geliştirilmesi, 2023 - Continues

KARADAĞ A. E., İmmunomodülatör ve Antiviral Etkili Fitofarmasötiklerin Geliştirilmesi, 2022 - Continues

KARADAĞ A. E., TUBITAK Project, *Marrubium vulgare* L. Bitkisel Preparatlarının Geliştirilmesi, 2022 - Continues

Karadağ A. E., TUBITAK Project, *Scythothamnus australis* Kahverengi Alginin Ekstrelerinden Sitotoksik Sekonder Metabolitlerin İzolasyonu ve Biyolojik Aktivitelerinin Değerlendirilmesi, 2023 - 2024

KARADAĞ A. E., • Karaciğer Yağlanması Karşı Fitoterapötik Formülasyonların Geliştirilmesi, 2021 - 2022

KARADAĞ A. E., • Standardize Ekstre Ve Yağlardan Aft ve Boğaz Ağrısına Yönelik Özgün Gargara/Sprey

Formülasyonlarının Tasarlanması Ve Prototiplerinin Üretilmesi, 2021 - 2022

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