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Publons / Web Of Science ResearcherID: W-1317-2017

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Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmakognozi (Dr), Turkey 2003 - 2009

Postgraduate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmakognozi (YI) (Tezli), Turkey 2000 - 2003

Undergraduate, Ankara University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1996 - 2000

Dissertations

Doctorate, Türkiye'xxde yetişen bazı Eryngium L. türleri üzerinde farmakognozitik araştırmalar, Ankara University, Sağlık Bilimleri Enstitüsü, Farmakognozi (Dr), 2009

Postgraduate, Valeriana phu L.'xxnin terpenik bileşikleri üzerinde çalışmalar, Ankara University, Sağlık Bilimleri Enstitüsü, Farmakognozi (YI) (Tezli), 2003

Research Areas

Pharmacology and Therapeutics, Health Sciences

Academic Titles / Tasks

Associate Professor, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2017 - Continues

Research Assistant, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2002 - 2012

Courses

Farmakognozi III (Teorik), Undergraduate, 2015 - 2016, 2014 - 2015

Saponozitler , Doctorate, 2015 - 2016

Saponozitler (Uygulama), Doctorate, 2015 - 2016

Bitkisel Narkotikler ve Psikotropolar, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014

Farmakognozi III (Uygulama), Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Fitoterapide Kromatografi Uygulamaları (Uygulama), Postgraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Literatür Tarama Yöntemleri (Uygulama), Postgraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Fitoterapide Kromatografi Uygulamaları (Teorik), Postgraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
Literatür Tarama Yöntemleri (Teorik), Postgraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
Farmakognozi II (Uygulama), Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013
Gaz Kromatografisi (Uygulama), Doctorate, 2014 - 2015
Farmakognozi I (Teorik), Undergraduate, 2013 - 2014
Klinik Uygulama Açısından Doğal İlaçlar, Postgraduate, 2012 - 2013
Bitkisel Banyolar, Postgraduate, 2012 - 2013
Literatür Tarama Yöntemleri, Postgraduate, 2012 - 2013
Fitoterapide Kromatografi Uygulamaları , Postgraduate, 2012 - 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Chemical composition and antimicrobial activity of the commercial *Origanum onites* L. oil against nosocomial carbapenem resistant extended spectrum beta lactamase producer *Escherichia coli* isolates**
KAŞKATEPE B., Yıldız S. S., Kiymaci M. E., Yazgan A. N., Cesur S., ASLAN ERDEM S.
Acta Biologica Hungarica, vol.68, no.4, pp.466-476, 2017 (SCI-Expanded)
- II. **Sage tea-thyme-peppermint hydrosol oral rinse reduces chemotherapy-induced oral mucositis: A randomized controlled pilot study**
Yayla E. M., İZGÜ N., ÖZDEMİR L., ASLAN ERDEM S., Kartal M.
COMPLEMENTARY THERAPIES IN MEDICINE, vol.27, pp.58-64, 2016 (SCI-Expanded)
- III. **Comparison of the contents and antimicrobial activities of commercial and natural cinnamon oils**
Kaskatepe B., Kiymaci M. E., Simsek D., Erol H. B., ASLAN ERDEM S.
Indian Journal of Pharmaceutical Sciences, vol.78, no.4, pp.541-548, 2016 (SCI-Expanded)
- IV. **Antibacterial effects of cinnamon oil against carbapenem resistant nosocomial *Acinetobacter baumannii* and *Pseudomonas aeruginosa* isolates**
KAŞKATEPE B., Kiymaci M. E., Suzuk S., ASLAN ERDEM S., Cesur S., Yıldız S.
INDUSTRIAL CROPS AND PRODUCTS, vol.81, pp.191-194, 2016 (SCI-Expanded)
- V. **Exploring in vitro neurobiological effects and high-pressure liquid chromatography-assisted quantitation of chlorogenic acid in 18 Turkish coffee brands**
ASLAN ERDEM S., ŞENOL DENİZ F. S., Budakoglu E., ERDOĞAN ORHAN İ., Sener B.
JOURNAL OF FOOD AND DRUG ANALYSIS, vol.24, no.1, pp.112-120, 2016 (SCI-Expanded)
- VI. **Antinociceptive Effects of Turkish Endemic *Eryngium kotschy* Boiss. Roots by Bioactivity Guided Fractionation**
ASLAN ERDEM S., ARIHAN O., Mitaine-Offer A., Iskit A. B., KARTAL M., Lacaille-Dubois M.
RECORDS OF NATURAL PRODUCTS, vol.10, no.2, pp.168-175, 2016 (SCI-Expanded)
- VII. **Recent Developments in Pharmaceutical Sciences 11th ISOPS-International Symposium on Pharmaceutical Sciences, June 9-12 2015**
YÜKSEL N., ASLAN ERDEM S., SEZGİN BAYINDIR Z.
CURRENT DRUG DELIVERY, vol.13, no.3, pp.300, 2016 (SCI-Expanded)
- VIII. **Blessings in disguise: a review of phytochemical composition and antimicrobial activity of plants belonging to the genus *Eryngium***
ASLAN ERDEM S., Nabavi S. F., ERDOĞAN ORHAN İ., Daglia M., Izadi M., Nabavi S. M.
DARU-JOURNAL OF PHARMACEUTICAL SCIENCES, vol.23, 2015 (SCI-Expanded)
- IX. **Tyrosinase and Cholinesterase Inhibitory Potential and Flavonoid Characterization of *Viola odorata* L. (Sweet Violet)**
ERDOĞAN ORHAN İ., ŞENOL DENİZ F. S., ASLAN ERDEM S., ÇANKAYA İ. İ., Kartal M., Alp Ş.
PHYTOTHERAPY RESEARCH, vol.29, no.9, pp.1304-1310, 2015 (SCI-Expanded)
- X. **Fern-ptaquilodise-carcinogenesis link: a Turkish perspective**
YURDAKÖK DİKMEN B., KISMALI G., ASLAN ERDEM S., FİLAZİ A., Ozkul A.

ANTI-CANCER DRUGS, vol.26, 2015 (SCI-Expanded)

- XI. **Comparison of antibacterial activity of cultured and naturally growing lyophilized extracts of marjoram (*Origanum majorana* L.) hydrosols**
ASLAN ERDEM S., Bas B., Yurdakok Dikmen B., FİLİZİ A.
JOURNAL OF VETERINARY PHARMACOLOGY AND THERAPEUTICS, vol.38, pp.172-173, 2015 (SCI-Expanded)
- XII. **Triterpene saponins from *Eryngium kotschy***
ASLAN ERDEM S., Mitaine-Offer A., Miyamoto T., Kartal M., Lacaille-Dubois M.
PHYTOCHEMISTRY, vol.110, pp.160-165, 2015 (SCI-Expanded)
- XIII. **Contractile Effects of *Eryngium kotschy* Boiss. on Rat Isolated Ileum and Detrusor Muscle**
BAYDAN E., Kartal M., YURDAKÖK DİKMEN B., ASLAN ERDEM S., İNCE S., Ekici H., ALP H.
KAFKAS UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.20, no.5, pp.779-785, 2014 (SCI-Expanded)
- XIV. **Exploration of cholinesterase and tyrosinase inhibitory, antiprotozoal and antioxidant effects of *Buxus sempervirens* L. (boxwood)**
ERDOĞAN ORHAN İ., ASLAN ERDEM S., ŞENOL DENİZ F. S., Kartal M., Sener B.
INDUSTRIAL CROPS AND PRODUCTS, vol.40, pp.116-121, 2012 (SCI-Expanded)
- XV. **Enzyme inhibitory and antioxidant activity of *Melia azedarach* L. naturalized in Anatolia and its phenolic acid and fatty acid composition**
ERDOĞAN ORHAN İ., Guner E., Ozturk N., ŞENOL DENİZ F. S., ASLAN ERDEM S., Kartal M., Sener B.
INDUSTRIAL CROPS AND PRODUCTS, vol.37, no.1, pp.213-218, 2012 (SCI-Expanded)
- XVI. **Selective Cholinesterase Inhibitors from *Buxus sempervirens* L. and their Molecular Docking Studies**
ERDOĞAN ORHAN İ., Khan M. T. H., ASLAN ERDEM S., Kartal M., Sener B.
CURRENT COMPUTER-AIDED DRUG DESIGN, vol.7, no.4, pp.276-286, 2011 (SCI-Expanded)
- XVII. **Evaluation of Cholinesterase Inhibitory and Antioxidant Activities of Wild and Cultivated Samples of Sage (*Salvia fruticosa*) by Activity-Guided Fractionation**
ŞENOL DENİZ F. S., ERDOĞAN ORHAN İ., ASLAN ERDEM S., Kartal M., Sener B., KAN Y., Celep F., Kahraman A., DOĞAN M.
JOURNAL OF MEDICINAL FOOD, vol.14, no.11, pp.1476-1483, 2011 (SCI-Expanded)
- XVIII. **Fatty acid composition of *hibiscus trionum* L. (Malvaceae)**
KILIÇ C. S., Aslan S., Kartal M., Coskun M.
Records of Natural Products, vol.5, no.1, pp.65-69, 2011 (SCI-Expanded)
- XIX. **Variations in fatty acid compositions of the seed oil of *Eruca sativa* Mill. caused by different sowing periods and nitrogen forms**
Uğur A., SÜNTAR İ., Aslan S., ERDOĞAN ORHAN İ., Kartal M., Şekeroğlu N., EŞİYOK D., Şener B.
Pharmacognosy Magazine, vol.6, no.24, pp.305-308, 2010 (SCI-Expanded)
- XX. **Essential oil composition of *achillea teretifolia* from turkey**
Aslan S., Evren H., Konuklugil B., Turkoglu I., KARTAL M.
Chemistry of Natural Compounds, vol.45, no.2, pp.274-275, 2009 (SCI-Expanded)
- XXI. **Composition of the essential oil from roots and rhizomes of *valeriana phu* l. growing wild in Turkey**
Aslan S., Kartal M., Kurucu S., Kuiper J. M., Kruizinga W. H., Bos R., Woerdenbag H. J., Kayser O.
Journal of Essential Oil Research, vol.21, no.5, pp.437-440, 2009 (SCI-Expanded)
- XXII. **In vitro biological activity screening of *Lycopodium complanatum* L. ssp *chamaecyparissus* (A. Br.) Doll**
ERDOĞAN ORHAN İ., ÖZÇELİK B., Aslan S., Kartal M., Karaoglu T., Şener B., TERZİOĞLU S., Iqbal Choudhary M.
NATURAL PRODUCT RESEARCH, no.6, pp.514-526, 2009 (SCI-Expanded)
- XXIII. **Preliminary examination of the composition of the essential oil from the roots and rhizomes of *valeriana alpestris* stev. growing in Turkey**
Özbay Ö., Aslan S., Kartal M., Kurucu S., Bos R., Woerdenbag H. J., Kayser O.
Journal of Essential Oil Research, vol.21, no.6, pp.555-557, 2009 (SCI-Expanded)
- XXIV. **Fatty acid composition of seed oil of different *Sorghum bicolor* varieties**
Mehmood S., Orhan K., Ahsan Z., Aslan S., Gulfranz M.
Food Chemistry, vol.109, no.4, pp.855-859, 2008 (SCI-Expanded)

- XXV. **Inhibitory effect of Turkish *Rosmarinus officinalis* L. on acetylcholinesterase and butyrylcholinesterase enzymes**
ERDOĞAN ORHAN İ., Aslan S., Kartal M., Şener B., Hüsnü Can Başer K.
Food Chemistry, vol.108, no.2, pp.663-668, 2008 (SCI-Expanded)
- XXVI. **Quantification of daidzein, genistein and fatty acids in soybeans and soy sprouts, and some bioactivity studies**
ERDOĞAN ORHAN İ., ÖZÇELİK B., Kartal M., Aslan S., ŞENER B., ÖZGÜVEN M.
Acta Biologica Cracoviensia Series Botanica, vol.49, no.2, pp.61-68, 2007 (SCI-Expanded)
- XXVII. **Essential oil of *Cyclotrichium longiflorum* leblebici**
Aslan S., Firat M., Konuklugil B.
Chemistry of Natural Compounds, vol.43, no.6, pp.724-725, 2007 (SCI-Expanded)
- XXVIII. **Comparative evaluation of the anti-inflammatory and antinociceptive activity of Turkish *Eryngium* species**
Kupeli E., Kartal M., Aslan S., Yesilada E.
Journal of Ethnopharmacology, vol.107, no.1, pp.32-37, 2006 (SCI-Expanded)
- XXIX. **GC-MS analysis and antibacterial activity of cultivated *Satureja cuneifolia* Ten. essential oil**
Kan Y., Ucan U. S., Kartal M., ALTUN M. L., Aslan S., Sayar E., Ceyhan T.
Turkish Journal of Chemistry, vol.30, no.2, pp.253-259, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **Antibacterial and antioxidant activity of *Eryngium kotschy* and *Eryngium maritimum***
YURDAKÖK DİKMEN B., Gencay Y. E., BAYDAN E., Erdem S., Kartal M.
Journal of Food, Agriculture and Environment, vol.12, no.2, pp.35-39, 2014 (Scopus)
- II. **Fatty acid profile and antimicrobial effect of the seed oils of *Urtica dioica* and *U. pilulifera***
Kan Y., ERDOĞAN ORHAN İ., Koca U., ÖZÇELİK B., Aslan S., Kartal M., Küsmenoğlu Ş.
Turkish Journal of Pharmaceutical Sciences, vol.6, no.1, pp.21-30, 2009 (Scopus)
- III. **Fatty acid analysis of some Turkish apricot seed oils by GC and GC-MS techniques**
ERDOĞAN ORHAN İ., Koca U., Aslan S., Kartal M., Küsmenoğlu Ş.
Turkish Journal of Pharmaceutical Sciences, vol.5, no.1, pp.29-34, 2008 (Scopus)
- IV. **Comparison of the fixed oil of seeds and roots of *Capsella bursa-pastoris* (L.) Medik (Cruciferae) *Capsella bursa-pastoris* (L.) medik (Cruciferae) tohumlarının ve köklerinin sabit yağ içerikleri açısından karşılaştırılması**
KILIÇ C. S., Aslan S., Kartal M., Coşkun M.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.36, no.1, pp.1-7, 2007 (Scopus)
- V. **Composition of essential oil of *Cuminum cyminum* L. according to harvesting times**
Kan Y., Kartal M., Özek T., Aslan S., Başer K. H. C.
Turkish Journal of Pharmaceutical Sciences, vol.4, no.1, pp.25-29, 2007 (Scopus)
- VI. **Antioxidant and antimicrobial actions of the clubmoss *Lycopodium clavatum* L.**
ERDOĞAN ORHAN İ., ÖZÇELİK B., Aslan S., Kartal M., Karaoglu T., Şener B., TERZİOĞLU S., Choudhary M. I.
Phytochemistry Reviews, vol.6, no.1, pp.189-196, 2007 (Scopus)
- VII. ***Capsella bursa-pastoris* l Medik cruciferae tohumlarının ve köklerinin sabit yağ içerikleri açısından karşılaştırılması comparison of the fixed oil of seeds and roots of *Capsella bursapastoris***
KILIÇ C. S., ASLAN ERDEM S., KARTAL M., COŞKUN M.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.36, no.1, pp.1-7, 2007 (Scopus)
- VIII. **Composition of essential oil of fennel fruits cultivated at different conditions Farkli koşullarda yetistirilen rezene meyvelerinin uçucu yağ bileşenleri**
Kan Y., Kartal M., Aslan S., Yildirim N.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.35, no.2, pp.95-101, 2006 (Scopus)
- IX. **Comparison of ω -3 fatty acids by GC-MS in frequently consumed fish and fish oil preparations on the**

Turkish market

Kartal M., Kurucu S., Aslan S., Özbay Ö., Ceyhan T., Sayar E., Cevheroğlu Ş.
Fabad Journal of Pharmaceutical Sciences, vol.28, no.4, pp.201-205, 2003 (Scopus)

Books & Book Chapters

I. Pürin Alkaloidleri

YURDAKÖK DİKMEN B., ASLAN ERDEM S., FİLAZİ A.

in: Türkiye Klinikleri Gıda Bilimleri Özel Konular: Gıda Alkaloidleri ve Halk Sağlığı Açısından Önemleri, Küplülü, Ö, Editor, Türkiye Klinikleri, pp.61-70, 2022

II. Pürin Alkaloidleri

YURDAKÖK DİKMEN B., ASLAN ERDEM S., FİLAZİ A.

in: Gıda Alkaloidleri ve Halk Sağlığı Açısından Önemleri, Özlem Küplülü, Editor, Türkiye Klinikleri, Ankara, pp.61-70, 2022

Refereed Congress / Symposium Publications in Proceedings

I. DETERMINATION OF THE DISSOLUTION OF HYPERICIN FROM POLYMERIC NANOPARTICLES BY HPLC ANALYSIS

BÜKE A. N., KILIÇARSLAN M., ASLAN ERDEM S.

33rd International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2023), Ankara, Turkey, 2 - 06 July 2023

II. Essential Oil of *Achillea coarctata* Poir

ŞABANOĞLU S., ASLAN ERDEM S., ALTUN M. L.

13 th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018

III. Comparison Of The Volatile Composition Of Some Fennel Herbal Teas (*Foeniculum Vulgare* Mill.) From Turkey

KARACAOĞLU M., Şabanoğlu S., Kılıç E., ASLAN ERDEM S.

12th International Symposium on Pharmaceutical Sciences, 26 June 2018 - 29 June 2019

IV. Antifungal activities of cultured and naturally growing marjoram (*Origanum majorana*L.) essential oils and their effect on some virulence factors of *C. albicans*.

KAŞKATEPE B., ASLAN ERDEM S., KOYUNCU M., KOSALEC I.

MESMAP-4, 18 - 22 April 2018

V. Antimicrobial activity of the commercial *Origanum onites* L. oil against nosocomial ESBL producer *Escherichia coli* isolates and its chemical composition

KAŞKATEPE B., SÜZÜK YILDIZ S., KIYMACI M. E., YAZGAN A. N., CESUR S., ASLAN ERDEM S.

GPSS, 11 - 13 October 2017

VI. GC/MS analysis and in vitro antimicrobial activity of the essential oils and various extracts of three *Achillea* species

ŞABANOĞLU S., ERYILMAZ M., ASLAN ERDEM S., ALTUN M. L.

21st International Congress and 10th Anniversary of the TCM Research Center Graz 2-5 July 2017, Graz, Austria, Graz, Austria, 2 - 05 July 2017

VII. Fern ptaquilodise carcinogenesis link a Turkish perspective

YURDAKÖK DİKMEN B., KISMALI G., ASLAN ERDEM S., FİLAZİ A., Özkul A.

1st International Conference on Natural Products for Cancer Prevention and Therapy, İstanbul, Turkey, 31 August - 02 September 2015, vol.26, pp.20

VIII. Comparison of antibacterial activity of cultured and naturally growing lyophilized extracts of marjoram *Origanum majorana*L hydrosols

ASLAN ERDEM S., BAŞ B., YURDAKÖK DİKMEN B., FİLAZİ A.

The 13th International Congress of the European Association for Veterinary Pharmacology and Toxicology, Nantes, France, 19 - 22 July 2015, vol.38, pp.172

- IX. **ANTIMICROBIAL PROPERTIES OF THYME AND SAGE OILS AGAINST SOME PATHOGENS**
KAŞKATEPE B., KIYMACI M. E., süzük s., YAZGAN A. N., ASLAN ERDEM S., cesur s.
11th International Symposium on Pharmaceutical Sciences (ISOPS-11, 9 - 12 June 2015
- X. **Antibacterial effects of cinnamon oil against carbapenem resistant nosocomial *Acinetobacter baumannii* isolates (P 409)**
KAŞKATEPE B., BOZKURT M. E., SÜZÜK S., ASLAN ERDEM S., CESUR S., YILDIZ S.
ISOPS 11, 9 - 12 June 2015
- XI. **Antimicrobial properties of thyme and sage oils against some pathogens (p 419)**
KAŞKATEPE B., BOZKURT M. E., SÜZÜK S., YAZGAN A. N., ASLAN ERDEM S., CESUR S.
ISOPS 11, 9 - 12 June 2015
- XII. **Essential Oil Content and Germination Behavior of Rosa Species Cultivated in the Lake Van Basin, Turkey**
Alp S., Aldemir R., ASLAN ERDEM S., Karagoz S.
6th International Symposium on Rose Research and Cultivation, Hannover, Germany, 25 - 30 August 2013, vol.1064, pp.59-62
- XIII. **Comparing the antimicrobial activities of various commercial essential oils of cinnamon and rosemary.**
KAŞKATEPE B., KIYMACI M. E., ŞİMŞEK D., EROL H. B., ASLAN ERDEM S., YILDIZ S.
ICAR, 1 - 03 October 2014
- XIV. **Comparing the antimicrobial activities of various commercial essential oils of cinnamon and rosemary**
KAŞKATEPE B., BOZKURT M. E., ŞİMŞEK D., ASLAN ERDEM S., YILDIZ S.
ICAR, 1 - 03 October 2014
- XV. **Composition of Essential Oil of in the Aerial Parts of *E pubigerum* DC Moren Decaisne Berberdaceae Growing in Turkey**
ÇİÇEK POLAT D., ASLAN ERDEM S., COŞKUN M.
23. SILAE Congress, 7 - 12 September 2014
- XVI. **In Vitro Antiviral Activity Of *Heliotropium Dolosum* De Not, *H. Lasiocarpum* Fisch Et Mey and *H. Hirsutissimum* Grauer Growing In Turkey**
KARAKAYA S., YURDAKÖK DİKMEN B., AKKUTAY YOLDAR A. Z., ASLAN ERDEM S., KILIÇ C. S.
23rd Italo-Latinamerican Asian African Congress Of Ethnomedicine, 7 - 12 September 2014
- XVII. ***Ballota acetabulosa* L Benth Bitkisi Üzerinde Farmakognozik Araştırmalar**
YAZGAN A. N., ASLAN ERDEM S., BAKAR F., SEVER YILMAZ B.
XXI. Bitkisel İlaç Hammaddeleri Toplantısı (BİHAT-2014), Turkey, 28 May - 01 June 2014
- XVIII. **Effects of the endemic plant *Eryngium kotschy* on rat isolated ileum and detrussor muscle**
BAYDAN E., KARTAL M., ASLAN ERDEM S., İNCE S., YURDAKÖK DİKMEN B., EKİCİ H., ALP H.
16th World Congress on Basic and Clinical Pharmacology. Kopenhag, 17 - 23 June 2010

Metrics

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H-Index (Scopus): 16