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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Botanik (Dr) (Eczacılık), Turkey 1995 - 2002

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biyokimya (YI) (Tezli), Turkey 1992 - 1995

Undergraduate, Hacettepe University, Eczacılık Fakültesi, Eczacılık Pr. (4 Yıllık), Turkey 1982 - 1987

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Pınarbaşı (Kayseri) florası üzerinde farmasötik botanik yönünden araştırmalar, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Botanik (Dr) (Eczacılık), 2002

Postgraduate, Effects of pyridine on rabbit liver, kidney and lung microsomal cytochrome P450 dependent drug metabolizing enzymes, Middle East Technical University, Genel Biyoloji Anabilim Dalı, Biyokimya (YI) (Tezli), 1995

Research Areas

Health Sciences

Academic Titles / Tasks

Assistant Professor, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2009 - 2011

Research Assistant, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1994 - 2009

Academic and Administrative Experience

Courses

- BİTKİ TOPLAMA VE HERBARYUM HAZIRLAMA I UYGULAMA, Postgraduate, 2015 - 2016
TÜRKİYE'NİN ZEHİRLİ BİTKİLERİ, Undergraduate, 2015 - 2016, 2013 - 2014
Tıbbi Bitkiler ve Eczacı: Güncel Başlıklar, Undergraduate, 2015 - 2016
BİTKİ TOPLAMA VE HERBARYUM HAZIRLAMA I, Postgraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
ARAŞTIRMA PROJESİ DERSİ UYG., Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
UZMANLIK ALAN DERSİ, Doctorate, 2015 - 2016, 2014 - 2015
BİTKİ MORFOLOJİSİ VE BİTKİ TEŞHİSİ I UYGULAMA, Postgraduate, 2015 - 2016
ARAŞTIRMA PROJESİ DERSİ, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
ETNOFARMASİ II, Doctorate, 2015 - 2016, 2014 - 2015
BİTKİ MORFOLOJİSİ VE BİTKİ TEŞHİSİ II, Doctorate, 2014 - 2015
BİTKİ MORFOLOJİSİ VE BİTKİ TEŞHİSİ UYGULAMA I, Postgraduate, 2014 - 2015
FARMASÖTİK BOTANİK UYG., Undergraduate, 2014 - 2015, 2013 - 2014
FARMASÖTİK BOTANİK, Undergraduate, 2014 - 2015, 2013 - 2014
TÜRKİYE'NİN ZEHİRLİ BİTKİLERİ, Postgraduate, 2013 - 2014
BİTKİ TOPLAMA VE HERBARYUM HAZIRLAMA II, Postgraduate, 2013 - 2014
ETNOFARMASİ II, Postgraduate, 2013 - 2014
FARMASÖTİK BOTANİKTE ÖZEL KONULAR, Doctorate, 2013 - 2014
Tıbbi Bitkiler ve Eczacılık: Güncel Başlıklar, Undergraduate, 2013 - 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Türkiye'de Yetişen Beş Farklı Artemisia L. Türünün İn Vitro Anthelmintik Etkinliği**
Osmanloğlu Dağ Ş. R., Erez M. S., Kozan E., Gençler Özkan A. M., Çankaya İ. İ.
PAKISTAN VETERINARY JOURNAL, vol.00, no.00, 2023 (SCI-Expanded)
- II. **Contributions of Chemical Content and Biological Activity to Plant Taxonomy Based on the Four Allium L. Taxa (Sect. Cupanioscordum - Amaryllidaceae)**
Ekşi Bona G., Ciftci G. A., Demirci B., Pınar N. M., Acar Şahin A., Kocyigit M., Bona M., Gençler Özkan A. M.
CHEMISTRY & BIODIVERSITY, vol.20, no.5, 2023 (SCI-Expanded)
- III. **Investigations on the anti-ulcerogenic activity of Sideritis caesarea H. Duman, Aytac & Baser**
GÜNBATAN T., GÜRBÜZ İ., Bedir E., Ozkan A. M., ÖZÇINAR Ö.
JOURNAL OF ETHNOPHARMACOLOGY, vol.258, 2020 (SCI-Expanded)
- IV. **Garlic and onions: An eastern tale**
Eksi G., Ozkan A. M., Koyuncu M.
JOURNAL OF ETHNOPHARMACOLOGY, vol.253, 2020 (SCI-Expanded)
- V. **EVALUATION OF IN VIVO EFFECTS OF VISCUM ALBUM L. AND ITS CONSTITUENT O-COUMARIC ACID ON BILE ACID SYNTHESIZING CYPS**
Ege T., Ozkan A. M., ŞEN A., ADALI O.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.4, pp.2825-2834, 2019 (SCI-Expanded)
- VI. **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)
- VII. **Kışniş (Coriandrum sativum L.) üzerine bir derleme**
Ulutaş Deniz E., YEĞENOĞLU S., SÖZEN ŞAHNE B., GENÇLER ÖZKAN A. M.
Marmara Pharmaceutical Journal, vol.22, no.1, pp.15-28, 2018 (SCI-Expanded)
- VIII. **Comparison of Volatiles of Sideritis caesarea Specimens Collected from Different Localities in**

Turkey

GÜNBATAN T., DEMİRCİ B., GÜRBÜZ İ., DEMİRCİ F., Ozkan A. M.

NATURAL PRODUCT COMMUNICATIONS, vol.12, no.10, pp.1639-1642, 2017 (SCI-Expanded)

- IX. **The bear in Eurasian plant names: motivations and models**
Kolossova V., Svanberg I., Kalle R., Strecker L., Ozkan A. M., Pieroni A., Cianfaglione K., Molnar Z., Papp N., Luczaj L., et al.
JOURNAL OF ETHNOBIOLOGY AND ETHNOMEDICINE, vol.13, 2017 (SCI-Expanded)
- X. **Inhibitory action of *Epilobium hirsutum* extract and its constituent ellagic acid on drug-metabolizing enzymes**
Celik G., SEMİZ A., KARAKURT S., GENÇLER ÖZKAN A. M., ARSLAN Ş., ADALI O., ŞEN A.
EUROPEAN JOURNAL OF DRUG METABOLISM AND PHARMACOKINETICS, vol.41, no.2, pp.109-116, 2016 (SCI-Expanded)
- XI. ***Allium ekimianum*: a new species (Amaryllidaceae) from Turkey**
Eksi G., Koyuncu M., Ozkan A. M.
PHYTOKEYS, no.62, pp.83-93, 2016 (SCI-Expanded)
- XII. **The current status of ethnopharmacobotanical knowledge in Camlidere (Ankara, Turkey)**
GÜNBATAN T., GÜRBÜZ İ., Ozkan A. M.
TURKISH JOURNAL OF BOTANY, vol.40, no.3, pp.241-278, 2016 (SCI-Expanded)
- XIII. **Contribution of ellagic acid on the antioxidant potential of medicinal plant *Epilobium hirsutum***
Karakurt S., SEMİZ A., Celik G., GENÇLER ÖZKAN A. M., ŞEN A., ADALI O.
NUTRITION AND CANCER-AN INTERNATIONAL JOURNAL, vol.68, no.1, pp.173-183, 2016 (SCI-Expanded)
- XIV. ***Vinca ispartensis* (Apocynaceae), a new species from Turkey**
Koyuncu M., Eksi G., Ozkan A. M.
ANNALES BOTANICI FENNICI, vol.52, no.5-6, pp.340-344, 2015 (SCI-Expanded)
- XV. **Qualitative and quantitative analysis of phenolic acids in *Scorzonera tomentosa* L. *Scorzonera tomentosa* L. bitkisinde fenolik asitlerin kalitatif ve kantitatif analizi**
BAHADIR ACIKARA Ö., SALTAN İŞCAN H. G., GENÇLER ÖZKAN A. M.
Turkish Journal of Pharmaceutical Sciences, vol.10, no.1, pp.1-8, 2013 (SCI-Expanded)
- XVI. ***Epilobium hirsutum* alters xenobiotic metabolizing CYP1A1, CYP2E1, NQO1 and GPx activities, mRNA and protein levels in rats**
Karakurt S., SEMİZ A., Celik G., GENÇLER ÖZKAN A. M., ŞEN A., ADALI O.
PHARMACEUTICAL BIOLOGY, vol.51, no.5, pp.650-658, 2013 (SCI-Expanded)
- XVII. **Essential Oil Composition of Four Endemic *Ferulago* Species Growing in Turkey**
KILIÇ C. S., Ozkan A. M., Demirci B., Coskun M., Baser K. H. C.
NATURAL PRODUCT COMMUNICATIONS, vol.5, no.12, pp.1951-1954, 2010 (SCI-Expanded)
- XVIII. **Composition and antimicrobial activity of essential oil of *ferulago longistylis* boiss. Fruits**
GENÇLER ÖZKAN A. M., Demirci B., Demirci F., Başer K. H. C.
Journal of Essential Oil Research, vol.20, no.6, pp.569-573, 2008 (SCI-Expanded)
- XIX. **Global phytochemistry: The Turkish frame**
Coskun M., Ozkan A. M.
PHYTOCHEMISTRY, vol.66, no.9, pp.956-960, 2005 (SCI-Expanded)
- XX. **Antimicrobiological studies on Turkish *Cistus* species**
Guvenc A., Yildiz S., Ozkan A. M., Erdurak C., Coskun M., Yilmaz G., Okuyama T., Okada Y.
PHARMACEUTICAL BIOLOGY, vol.43, no.2, pp.178-183, 2005 (SCI-Expanded)
- XXI. **Root, stem and leaf anatomy of *Abutilon theophrastii* Medik. (Malvaceae)**
Guvenc A., Ozkan A. M., Erdurak C., Coskun M.
PAKISTAN JOURNAL OF BOTANY, vol.35, no.3, pp.351-359, 2003 (SCI-Expanded)
- XXII. ***Guaiacylglycerol-7'-O-methyl 8-vanillic acid ether and related compounds from *Boreava orientalis****
Sakushima A., Ohno K., Maoka T., Coskun M., Guvenc A., Erdurak C., Ozkan A. M., Seki K., Ohkura K.
PHYTOCHEMICAL ANALYSIS, vol.14, no.1, pp.48-53, 2003 (SCI-Expanded)
- XXIII. **Stimulation of aniline, p-nitrophenol and N-nitrosodimethylamine metabolism in kidney by pyridine**

pretreatment of rabbits

Arinç E., ADALI O., GENÇLER ÖZKAN A. M.

ARCHIVES OF TOXICOLOGY, vol.74, no.9, pp.527-532, 2000 (SCI-Expanded)

XXIV. Induction of N-nitrosodimethylamine metabolism in liver and lung by in vivo pyridine treatments of rabbits

Arinç E., ADALI O., GENÇLER ÖZKAN A. M.

Archives of Toxicology, vol.74, no.6, pp.329-334, 2000 (SCI-Expanded)

Articles Published in Other Journals

- I. **Türkiye’de Yetişen Beş Artemisia L. Türünün Gövde Ve Yaprak Anatomisinin İncelenmesi**
Osmanlıoğlu Dağ Ş. R., Kürşat M., Gençler Özkan A. M.
Türk Tarım ve Doğa Bilimleri Dergisi , vol.10, no.4, pp.761-769, 2023 (Peer-Reviewed Journal)
- II. **ANTI-ARTHRITIC ACTIVITY OF SANGUISORBA MINOR SUBSP. BALEARICA AGAINST FREUND’S COMPLETE ADJUVANT-INDUCED ARTHRITIS IN RATS**
İnan Genç A., ÖZKAN A. M. G., ADALI O.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.47, no.2, pp.576-587, 2023 (Scopus)
- III. **Peganum harmala L. (Nitrariaceae) Bitkisinin α -Amilaz ve α -Glukozidaz Enzim İnhibisyon, Antioksidan ve Antimikrobiyal Aktivitelerinin Değerlendirilmesi**
YUCA H., AYDIN B., TEKMAN E., GÖGER G., KARAKAYA S., GÜVENALP Z., GENÇLER ÖZKAN A. M.
TURKISH JOURNAL OF AGRICULTURAL AND NATURAL SCIENCE, vol.9, no.4, pp.925-932, 2022 (Peer-Reviewed Journal)
- IV. **TÜRKİYE'DE YETİŞEN ULMUS L. TÜRLERİNİN YAPRAK, DAL VE KABUK YAPILARININ ANATOMİK AÇIDAN KARŞILAŞTIRILMASI**
DİKER N. Y., ÇANKAYA İ. İ., GENÇLER ÖZKAN A. M.
ANKARA UNIVERSİTESİ ECZACILIK FAKULTESİ DERGISI, vol.46, no.3, pp.1030-1043, 2022 (Scopus)
- V. **Comparative Anatomical Studies on Three Tanacetum L. Taxa (Asteraceae) Growing in Turkey**
ARITULUK Z. C., GENÇLER ÖZKAN A. M., EZER N.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2019 (Peer-Reviewed Journal)
- VI. **Effects of folk medicinal plant epilobium hirsutum l. And its ingredient ellagic acid on rat liver bile acid synthesizing cyps in rats**
Ege T., GENÇLER ÖZKAN A. M., ŞEN A., ADALI O.
Pharmacologyonline, vol.3, pp.200-215, 2018 (Scopus)
- VII. **Antioxidant activity, total phenolic and flavonoid contents of some Tanacetum L. (Asteraceae) taxa growing in Turkey**
ARITULUK Z. C., Çankaya I. I. T., GENÇLER ÖZKAN A. M.
Fabad Journal of Pharmaceutical Sciences, vol.41, no.1, pp.17-25, 2016 (Scopus)
- VIII. **Anti inflammatory effects of Sanguisorba minor Scop subsp muricata Spach Briq and Cirsium libanoticumDC subsp lycaonicum Boiss Heldr Davis Parrisin rat**
ARIHAN O., ÖZBEK H., GENÇLER ÖZKAN A. M.
Eastern Journal of Medicine, 2015 (Scopus)
- IX. **Stem and leaf anatomy of Althaea L. (Malvaceae) species growing in Turkey**
GENÇLER ÖZKAN A. M., UZUNHİSARCIKLI M. E.
Hacettepe University Journal of the Faculty of Pharmacy, vol.28, no.2, pp.133-148, 2008 (Scopus)
- X. **Traditional medicine and intellectual property rights**
ARIHAN O., GENÇLER ÖZKAN A. M.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.36, no.2, pp.135-151, 2007 (Scopus)
- XI. **Traditional Medicinal Plants Used in Pınarbaşı Area Kayseri Turkey**
GENÇLER ÖZKAN A. M., KOYUNCU M.
Turkish Journal of Pharmaceutical Sciences, 2005 (Peer-Reviewed Journal)

XII. Minor Phenolic Compounds from *Boreava orientalis*

Hosoi S., Shimizu E., Ohno K., COŞKUN M., KÖROĞLU A., KILIÇ C. S., GENÇLER ÖZKAN A. M., Sakushima A.
Natural Medicines, vol.58, no.5, pp.234, 2004 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Ethnobotany in Turkey: Retrospect and Prospect**
Günbatan T., Gürbüz İ., Gençler Özkan A. M.
in: Medicinal and Aromatic Plants of the World Medicinal and Aromatic Plants of Turkey, Ákos Máthé, Kenan Turgut, Editor, Springer Nature, Basel, pp.31-55, 2023
- II. **21. Yüzyılda Bitkiler ve İnsan Sağlığı**
EKŞİ G., YILMAZ G., GENÇLER ÖZKAN A. M.
in: Eczacılıkta Yenilikler, Gülbin Özçelikay, İlkay Yıldız, Editor, Ankara Üniversitesi Basımevi, pp.221-232, 2020
- III. **Resimli Türkiye Florası (Illustrated Flora of Turkey)**
GENÇLER ÖZKAN A. M., Güner A., Özcan A., Çimen A. Ö., Çingay B., Asal D., Akyüz E., Ertuğ F., TUĞ G. N., Sözen K. B., et al.
ANG yayınları, 2018
- IV. **Türkçe liken adları**
ALKAYIŞ M. F., ARSLAN S., AYDINKAL R. M., CANDAN M., ÇINGAY B., GENÇLER ÖZKAN A. M., GÜNER A., HALICI M. G., JOHN V., KADIOĞLU Z., et al.
in: Türkiye likenleri listesi, John, V, Türk A., Editor, Nezahat Gökyiğit Botanik Bahçesi Yayını, İstanbul, pp.1-831, 2017
- V. **A Mediterranean: *Myrtus communis* L. (Myrtle)**
Gençler Güray Ç., Gençler Özkan A. M.
in: Plants and Culture: seeds of the cultural heritage of Europe, J.P. Morel, A.M. Mercuri, Editor, Edipuglia, Bari, pp.159-168, 2009

Refereed Congress / Symposium Publications in Proceedings

- I. **Morphologic Revision of Four *Allium* L. Species in Turkey. 12th ISOPS (International Symposium on Pharmaceutical Sciences), Ankara, Turkey, 26-29 June.**
EKŞİ G., KOYUNCU M., DUMAN H., GENÇLER ÖZKAN A. M.
12th ISOPS (International Symposium on Pharmaceutical Sciences), Ankara, Turkey, 26 - 29 June 2018
- II. **Comparative study of anticancer activities of Four *Allium* L. species extracts against MCF-7 cells.**
EKŞİ G., AKALIN ÇİFTÇİ G., GENÇLER ÖZKAN A. M.
12th ISOPS (International Symposium on Pharmaceutical Sciences), Ankara, Turkey, 26 - 29 June 2018
- III. **Investigation of three *Tanacetum* L. Taxa from Turkey on the proliferation of human prostate cancer cells and expression of detoxification enzyme activities**
ARITULUK Z. C., EVİN E., KARAKURT S., EZER N., ADALI O., GENÇLER ÖZKAN A. M.
21st International Congress Phytopharm 2017, Reviews on Clinical Pharmacology and Drug Therapy, Graz, Austria, 2 - 05 July 2017, vol.15, pp.10
- IV. **Türkiye’de yetişen *Brevispatha Valsecchi*. seksiyonuna ait *Allium* L. türlerinin anatomik özellikleri**
EKŞİ G., Yılmaz G., GENÇLER ÖZKAN A. M.
Uluslararası İlaç ve Eczacılık Kongresi (IVEK-3), İstanbul, Turkey, 26 - 29 April 2017
- V. **Türkiye’de yetişen *Brevispatha Valsecchi*, seksiyonuna ait *Allium* L. türlerinin MC-7 insan meme kanseri hücreleri üzerine antiproliferatif etkileri**
EKŞİ G., AKALIN ÇİFTÇİ G., GENÇLER ÖZKAN A. M.
Uluslararası İlaç ve Eczacılık Kongresi (IVEK-3), İstanbul, Turkey, 26 - 29 April 2017
- VI. **Folk Medicinal Plants *Epilobium irsutum* L. and its ingredient Ellagic acid Alters Protein and mRNA**

Expressions of Rat Liver Bile Acid Synthesizing Cyp7a1

EGE T., GENÇLER ÖZKAN A. M., ŞEN A., ADALI O.

Hibit 2017, 28 June - 30 March 2017

- VII. **Folk Medicinal Plant *Epilobium hirsutum* L. and Its Ingredient Ellagic Acid Alters Protein and mRNA Expressions of Rat Liver Bile Acid Synthesizing CYP7A1**
ÇULCU T., GENÇLER ÖZKAN A. M., ŞEN A., ADALI O.
10th International Symposium on Health Informatics and Bioinformatics (HIBIT 2017), 28 - 30 June 2017
- VIII. **Tanacetum L Asteraceae Cinsine Ait Bazı Taksonların Antioksidan Aktiviteleri**
ARITULUK Z. C., GENÇLER ÖZKAN A. M., ÇANKAYA İ. İ., EZER N.
22. Bitkisel İlaç Hammaddeleri Toplantısı, Trabzon, Turkey, 31 August - 05 September 2016
- IX. **Antalya da Yetişen Bazı Tanacetum L Asteraceae Taksonlarının Gövde ve Yaprak Anatomisi**
ARITULUK Z. C., GENÇLER ÖZKAN A. M., EZER N.
22. Bitkisel İlaç Hammaddeleri Toplantısı, Turkey, 31 August - 05 September 2016
- X. **Cytotoxic and Antioxidant Activities of Three Tanacetum L Taxa from Turkey**
ARITULUK Z. C., Akkulak M., KARAKURT S., ADALI O., GENÇLER ÖZKAN A. M.
International Molecular Biology and Biotechnology Congress, 25 - 29 August 2016
- XI. **Eleusinian Mysteries A Pharmaceutical Approach**
GENÇLER ÖZKAN A. M.
42nd International Congress for the History of Pharmacy, 8 - 11 September 2015
- XII. **In vivo Anti ulcerogenic Effect of *Sideritis caeserea* Duman**
GÜRBÜZ İ., GÜNBATAN T., GENÇLER ÖZKAN A. M.
Phytopharm 2015, 21 - 24 July 2015
- XIII. **Quantitative determination of parthenolide in *Tanacetum* taxa growing in Antalya by using High Performance Liquid Chromatography**
ARITULUK Z. C., Doğan A., Ezer N., GENÇLER ÖZKAN A. M.
ISOPS 11, 9 - 12 June 2015
- XIV. **A new endemic subspecies of *Allium Phaneranthemum* Amaryllidaceae from Hatay Turkey and its antiproliferative effects on MCF 7 human breast cancer**
EKŞİ G., BAKAR F., BONA M., KILIÇ C. S., GENÇLER ÖZKAN A. M.
23rd SILAE Congress, 7 - 12 September 2014, pp.190

Expert Reports

- I. **Investigations on *Capsicum annum* L samples purchased from the Kayseri province of Turkey**
GENÇLER ÖZKAN A. M.
2015

Metrics

Publication: 63

Citation (WoS): 303

Citation (Scopus): 347

H-Index (WoS): 12

H-Index (Scopus): 11