

## Prof. AYHAN ALTINTAŞ

### Personal Information

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### International Researcher IDs

ScholarID: vpY2ckUAAAAJ

ORCID: 0000-0002-9413-0636

Publons / Web Of Science ResearcherID: AAH-1569-2021

ScopusID: 8387343800

Yoksis Researcher ID: 49575

### Education Information

Doctorate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmakognozi (Dr), Turkey 1995 - 2003

Postgraduate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmakognozi (YI) (Tezli), Turkey 1993 - 1995

Undergraduate, Anadolu University, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Turkey 1988 - 1992

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Lycium barbarum L. ve L. ruthenicum murray meyvaları üzerinde kimyasal araştırmalar ve biyoaktivite çalışmaları, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmakognozi (Dr), 2003

Postgraduate, Aconitum nasutum fisch. ex reichb. (Kutul Kurtboğani) alkaloidleri, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmakognozi (YI) (Tezli), 1995

### Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacognosy

### Academic Titles / Tasks

Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2021 - Continues

Associate Professor, Anadolu University, YUNUS EMRE SAĞLIK HİZMETLERİ MESLEK YÜKSEKOKULU, ECZANE HİZMETLERİ BÖLÜMÜ, 2012 - 2021

Assistant Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2008 - 2012

Lecturer PhD, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2003 - 2008

Research Assistant, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 1993 - 2003

## Academic and Administrative Experience

Anadolu University, 2019 - 2021

Anadolu University, 2014 - 2017

Anadolu University, 2010 - 2011

## Courses

Homeopatinin Esasları ve Home. Kull. Droglar, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

Nutrasötik Madde ve Ürünler, Undergraduate, 2020 - 2021, 2019 - 2020, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Kanıt Dayalı Eczacılık ve Araştırma, Undergraduate, 2020 - 2021, 2019 - 2020

Halusinojen ve Narkotik Bitkiler, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2013 - 2014, 2012 - 2013, 2011 - 2012

Deniz Ürünleri Farmakognozi, Doctorate, 2020 - 2021, 2019 - 2020

Uzmanlık Alan Dersi, Postgraduate, 2020 - 2021, 2019 - 2020

Uzmanlık Alan Dersi, Doctorate, 2020 - 2021, 2019 - 2020

Mezuniyet Projesi, Undergraduate, 2020 - 2021, 2019 - 2020

Dönem Projesi, Postgraduate, 2020 - 2021

Etnofarmakognozi, Doctorate, 2020 - 2021, 2019 - 2020

Fitoterapinin Prensipleri, Postgraduate, 2020 - 2021, 2019 - 2020

Bitkisel Kay. Besin Destekleri ve Fonksiyonel Gıdalar, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Farmakognozi, Undergraduate, 2020 - 2021

Fitoterapide Kullanılan Droglar, Undergraduate, 2020 - 2021, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Fitofarmasötikler, Postgraduate, 2019 - 2020

Reçetesiz İlaç Bilgisi, Associate Degree, 2018 - 2019, 2017 - 2018

Mesleki Terminoloji, Associate Degree, 2018 - 2019

Fitoterapide Kullanılan Droglarda Standardizasyon, Postgraduate, 2017 - 2018, 2016 - 2017

Doğal Bil.YapıTayininde Kull.Spektroskopik Yöntemler, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

Nutrasötikler, Associate Degree, 2016 - 2017

Mezuniyet Projesi 2, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

DOĞAL BİLEŞİKLERİN YAPI TAYİNİNDE KULLANILAN SPEKTROSKOPİK YÖNTEMLER, Postgraduate, 2013 - 2014, 2011 - 2012, 2010 - 2011

FARMAKOGNOZİ UYGULAMALARI 1, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

BİTKİSEL KAYNAKLI BESİN DESTEKLERİ VE FONKSİYONEL GIDALAR, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Mezuniyet Projesi 1, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

FARMAKOGNOZİ UYGULAMALARI 2, Undergraduate, 2009 - 2010, 2008 - 2009

FARMAKOGNOZİ UYGULAMALARI 2, Undergraduate, 2007 - 2008, 2006 - 2007

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

### I. Characterization of Volatile Constituents from *Origanum onites* and Their Antifungal and Antibacterial Activity

ALTINTAŞ A., Tabanca N., Tyihak E., Ott P. G., Moricz A. M., Mincsovcics E., Wedge D. E.

JOURNAL OF AOAC INTERNATIONAL, vol.96, no.6, pp.1200-1208, 2013 (SCI-Expanded)

### II. The Effect of Stinging Nettle (*Urtica dioica*) Seed Oil on Experimental Colitis in Rats

Genc Z., YARAT A., Tunali-Akbay T., Sener G., ÇETİNEL Ş., Pisiriciler R., Caliskan-Ak E., ALTINTAŞ A., DEMİRCİ B.

- JOURNAL OF MEDICINAL FOOD, vol.14, no.12, pp.1554-1561, 2011 (SCI-Expanded)
- III. **Alkaloids of *Aconitum nasutum* Fisch ex Reichb.**  
ALTINTAŞ A., KIRIMER N., Salimov B., BAŞER K. H. C.  
ASIAN JOURNAL OF CHEMISTRY, vol.23, no.4, pp.1873-1874, 2011 (SCI-Expanded)
- IV. **Protective Effects of Black Cumin (*Nigella sativa*) Oil on TNBS-Induced Experimental Colitis in Rats**  
Isik F., AKBAY T., Yarat A., Genc Z., Pisiriciler R., Caliskan-Ak E., Cetinel S., ALTINTAŞ A., Sener G.  
DIGESTIVE DISEASES AND SCIENCES, vol.56, no.3, pp.721-730, 2011 (SCI-Expanded)
- V. **Composition of the Essential Oils of *Centaurea sericeae* Wagenitz and *Centaurea ensiformis* PH Davis from Turkey**  
KÖSE Y. B., ALTINTAŞ A., Tugay O., Uysal T., DEMİRCİ B., Ertugrul K., BAŞER K. H. C.  
ASIAN JOURNAL OF CHEMISTRY, vol.22, no.9, pp.7159-7163, 2010 (SCI-Expanded)
- VI. **Essential Oil Composition of Endemic *Centaurea tchihatcheffii* Fisch and Mey. from Turkey**  
ALTINTAŞ A., KOCA ÇALIŞKAN U., DEMİRCİ B., BAŞER K. H. C.  
ASIAN JOURNAL OF CHEMISTRY, vol.22, no.6, pp.4711-4716, 2010 (SCI-Expanded)
- VII. **Composition of the essential oil of *Centaurea saligna***  
ALTINTAŞ A., KÖSE Y. B., Kandemir A., Demirci B., Baser K. H. C.  
CHEMISTRY OF NATURAL COMPOUNDS, vol.45, no.2, pp.276-277, 2009 (SCI-Expanded)
- VIII. **Composition of the Essential Oil of Endemic *Centaurea paphlagonica* (Bornm.) Wagenitz From Turkey**  
KÖSE Y. B., ALTINTAŞ A., Demirci B., Celik S., BAŞER K. H. C.  
ASIAN JOURNAL OF CHEMISTRY, vol.21, no.3, pp.1719-1724, 2009 (SCI-Expanded)
- IX. **Composition of the essential oils of *Lycium barbarum* and *L-ruthenicum* fruits**  
Altintas A., Kosar M., Kirimer N., Baser K. H. C., Demirci B.  
CHEMISTRY OF NATURAL COMPOUNDS, vol.42, no.1, pp.24-25, 2006 (SCI-Expanded)
- X. **Composition of the essential oil of *Centaurea dichroa***  
ALTINTAŞ A., KÖSE Y. B., Yucel E., Demirci B., Baser K.  
CHEMISTRY OF NATURAL COMPOUNDS, vol.40, no.6, pp.604-605, 2004 (SCI-Expanded)
- XI. **Determination of the free radical scavenging activity of *Lycium* extracts**  
Kosar M., ALTINTAŞ A., KIRIMER N., Baser K.  
Khimiya Prirodnykh Soedinenii, vol.2003, no.6, pp.439-442, 2003 (SCI-Expanded)

### Articles Published in Other Journals

- I. **The essential oil profiles of *Chaerophyllum crinitum* and *C. Macrospermum* growing wild in Turkey**  
AĞALAR H. G., ALTINTAŞ A., DEMİRCİ B.  
Natural Volatiles and Essential Oils, vol.8, no.1, pp.39-48, 2021 (Scopus)
- II. **Morphological, anatomical and phytochemical characterization of *Lavandula stoechas* L. subsp. *stoechas* growing in Turkey**  
KÜÇÜK S., ALTINTAŞ A., DEMİRCİ B., KOCA F., BAŞER K. H. C.  
Natural Volatiles and Essential Oils, vol.6, no.2, pp.9-19, 2019 (Scopus)
- III. **Morphological, anatomical and phytochemical characterizations of *Lavandula stoechas* L. Subsp. *stoechas* growing in Turkey**  
KÜÇÜK S., ALTINTAŞ A., DEMİRCİ B., Koca F., Başer K. H. C.  
Natural Volatiles and Essential Oils, vol.6, no.2, pp.9-19, 2019 (Scopus)
- IV. **Anticancer Activity of *Centaurea babylonica* L.**  
DÜNDAR E., AKALIN ÇİFTÇİ G., ALTINTAŞ A.  
PROCEEDINGS (MDPI), vol.1, no.10, pp.1043, 2017 (Peer-Reviewed Journal)
- V. **Protective and Therapeutic Effects of *Polygonum cognatum* Meissn Aqueous Extract in Experimental Colitis**  
Cevik O., Sener A., ÖZDEMİR KUMRAL Z. N., ÇETİNEL Ş., ALTINTAŞ A., Oba R., YEGEN B., YARAT A.

MARMARA PHARMACEUTICAL JOURNAL, vol.18, no.3, pp.126-134, 2014 (ESCI)

- VI. **Effect of black cumin (*Nigella sativa*) seed oil on gastric tissue in experimental colitis**  
ALTURFAN E. I., YARAT A., AKBAY T., Isik F., Yenidogan G., Sener G., Sehirli O., Pisiriciler R., AK E., ALTINTAŞ A.  
Advances in Environmental Biology, vol.5, no.2 SPEC. ISSUE, pp.483-490, 2011 (Scopus)
- VII. **Essential oil of nepeta flavida Hub.-Mor.**  
Baser K., Demirçakmak B., ALTINTAŞ A., DUMAN H.  
Journal of Essential Oil Research, vol.10, no.3, pp.299-300, 1998 (Scopus)
- VIII. **Composition of the essential oils of nepeta cadmea boiss.**  
Baser K., Demirçakmak B., ALTINTAŞ A., DUMAN H.  
Journal of Essential Oil Research, vol.10, no.3, pp.327-328, 1998 (Scopus)

## Books & Book Chapters

- I. **Future of smartphone-based analysis**  
KEÇİLİ R., Ghorbani-Bidkorbeh F., ALTINTAŞ A., Hussain C. M.  
in: Smartphone-Based Detection Devices, Chaudhery Mustansar Hussain, Editor, ELSEVIER, pp.417-429, 2021

## Refereed Congress / Symposium Publications in Proceedings

- I. **Pelvik Ağrı Yönetiminde Fitoterapi Kullanımı**  
ALTINTAŞ A.  
Kadın Sağlığında Geleneksel ve Tamamlayıcı Tıp Uygulamaları Sempozyumu I: Jinekolojik Sorunlar, 28 May 2021, pp.72-102
- II. **Anticancer Activity of *Centaurea babylonica* L.**  
DÜNDAR E., AKALIN ÇİFTÇİ G., ALTINTAŞ A.  
2 th international Conerence on Natural Products for Cancer Prevention and Therapy, Kayseri, Turkey, 8 - 11 November 2017
- III. **APİTERAPİ VE İNSAN SAĞLIĞI ÜZERİNDEKİ ETKİLERİ**  
DUMAN S. B., YILDIZ G., ALTINTAŞ A.  
I. Uluslararası Bilimsel ve Mesleki Çalışmalar Kongresini (BILMES 2017), Kırıkkale, Turkey, 5 - 08 October 2017, vol.1, pp.550
- IV. **Adaptogenic Plants used in Old Age**  
BİRİNCİ E., ALTINTAŞ A., İŞCAN G., ÖZTÜRK V.  
2nd International Conference on Science, 14 - 16 October 2016
- V. **An Ethnobotanical Review of The Genus *Lycium* L**  
ALTINTAŞ A.  
2nd International Conference on Science, Ecology ad Technology (ICONSETE 2016), 14 - 16 October 2016
- VI. **A Review on Traditional Turkish Folk Remedies**  
ALTINTAŞ A.  
1st International Conference on Studies in Turkology (ICOSTURK 2016), 14 - 16 October 2016
- VII. **Adaptogen Plants Used In Old Age**  
BİRİNCİ E., ALTINTAŞ A., Öztürk V., İŞCAN G.  
2nd International Conference on Science, Ecology ad Technology (ICONSETE 2016), 14 - 16 October 2016
- VIII. ***Centaurea babylonica* L Bitkisinin Antioksidan Aktivitesi**  
Dünder E., GÖGER F., KÖSE Y. B., ALTINTAŞ A.  
XXII. Bitkisel İlaç Hammaddeleri Toplantısı (Bihat 2016), Turkey, 31 August - 05 September 2016
- IX. **Eskişehir Sıhhat Eczanesi nde Bulunan Bitkisel Hammaddeler**  
Özdemir M. S., Bucak M., Demirel Y. E., Topkara B., ALTINTAŞ A., KIRIMER N.  
XII. Türk Eczacılık Tarihi Toplantısı, Turkey, 1 - 03 June 2016

- X. **ESSENTIAL OIL COMPOSITION AND ANTIOXIDANT PROPERTIES OF CENTAUREA CARIENSIS SUBSP MACULICEPS O SCHWARZ WAGENITZ**  
ALTINTAŞ A., GÖGER F., DÜNDAR E., DEMİRCİ B.  
11th International Symposium on the Chemistry of Natural Compounds, 1 - 04 October 2015
- XI. **Essential Oil Composition and Antioxidant Properties of Centaurea cariensis subsp maculipes O Schwarz Wagenitz**  
ALTINTAŞ A., GÖGER F., Dündar E., DEMİRCİ B.  
11th International Symposium on the Chemistry of Natural Compounds, 1 - 04 October 2015
- XII. **Biological Evaluation of Grape Seeds from Wine Processing Industry Wastes and Chemical Characterization**  
DUYMUŞ H. G., ŞENER G., DÜNDAR E., DEMİRCİ F., BÜYÜKKILIÇ B., ALTINTAŞ A., DEMİRCİ B.  
3rd International Molecular Biology and Biotechnology Congress, Bosnia And Herzegovina, 2 - 06 June 2014
- XIII. **Quantitative analysis of rosmarinic acid in Rosmarinus officinalis growing in Turkey by LC MS MS**  
ALTINTAŞ A., GÖGER F., DUYMUŞ H. G., KIRIMER N., BAŞER K. H. C.  
59th GA, 4 - 09 September 2011, vol.77
- XIV. **Quantitative analysis of rosmarinic acid in Rosmarinus officinalis growing in Turkey by LC-MS/MS**  
ALTINTAŞ A., Goger F., Duymus H. G., Kirimer N., Baser K. H. C.  
59th International Congress and Annual Meeting of the Society-for-Medicinal-Plant-and-Natural-Product-Research, Antalya, Turkey, 4 - 09 September 2011, vol.77, pp.1394
- XV. **Quantitative HPTLC determination of rosmarinic acid and antioxidant activity of Origanum onites L. water and 70% methanol extracts**  
Goger F., ALTINTAŞ A., Kosar M., Kirimer N., Baser K.  
7th Tannin Conference/58th International Congress and Annual Meeting of the Society-for-Medical-Plant-and-Natural-Product-Research, Berlin, Germany, 29 August - 02 September 2010, vol.76, pp.1331
- XVI. **Compositon of The Essential Oil of Centaurea saligna**  
ALTINTAŞ A., KÖSE Y. B., KANDEMİR A., DEMİRCİ B., BAŞER K. H. C.  
SCNC 2005, 28 - 30 June 2005
- XVII. **Composition of the Essential Oil of Centaurea dichroa Boiss Heldr**  
ALTINTAŞ A., KÖSE Y. B., YÜCEL E., DEMİRCİ B., BAŞER K. H. C.  
35 th International Symposium on Essential Oils (ISEO), 29 September - 02 October 2004
- XVIII. **Comparison of ascorbic and citric acid contents in 'Emphasis Type'**  
BOZAN B., TUNALIER Z., KOŞAR M., ALTINTAŞ A., BAŞER K. H. C.  
In Proc. 11. Symp. Plant Origin. Crude Drugs, Ankara, Ankara, Turkey, 22 - 24 May 1996, vol.75, pp.258-266
- XIX. **The Essential Oil Ajuga chamaepitys subsp chia var chia**  
Başer K. H. C., Demirçakmak B., Erdemgil F. Z., ALTINTAŞ A.  
2th International Symposium on the Chemistry of Natural Compounds, 22 - 24 October 1996

## Supported Projects

ALTINTAŞ A., Tıbbi ve Aromatik Bitkilerin İlaç ve İlgili Diğer Sanayiilerde Kullanımı Training on the Utilization of Medicinal and Aromatic Plants in Pharmaceutical and Related Industries TRUMAP UT INT 94 057 UNIDO IPGTP Projesi, Continues

ALTINTAŞ A., Training Course on Process Technologies Quality Control and Utilization of Essential Oils, Continues  
TUNCER M. B., DEMİRÇE ALTINTAŞ P., KALYONCU YOLAÇAN M., TAŞCI D., ALTINTAŞ A., KALKAN B., YÜKSEK G., Project Supported by Higher Education Institutions, Amatör Türk Halk Müziği Koro Çalışmalarındaki Koristlerin Somut Olmayan Kültürel Mirasın (Yöre kültürünün) aktarımındaki aracılığının belirlenmesi: Karadeniz Bölgesi, Proje No: 1807E270, 2018 - 2019

KÖSE Y. B., İŞCAN G., GÖGER F., ALTINTAŞ A., Project Supported by Higher Education Institutions, Bazı Aromatik Bitkilerde Kolonize Endofitlerin Biyoaktif Metabolitleri, 2016 - 2018

ALTINTAŞ A., Project Supported by Higher Education Institutions, Centaurea babylonica bitkisi üzerinde farmakognozik

arařtırmalar, 2016 - 2017

ALTINTAŐ A., Project Supported by Higher Education Institutions, Bazı Lycium L Türlerine Ait Meyvelerin Antioksidan ve Sitotoksik Açıdan Deęerlendirilmesi Anadolu Üniversitesi Arařtırma Fonu Projesi AÜAF 1204S074, 2012 - 2016

GÖGER F., ALTINTAŐ A., Project Supported by Higher Education Institutions, Centaurea cariensis subsp maculiceps O Schwarz Wagenitz Bitkisinin Uçucu Yaęının Fenolik İerięinin ve Antioksidan Aktivitesinin Belirlenmesi, 2014 - 2015

ÖZEK T., ALTINTAŐ A., Project Supported by Higher Education Institutions, Farmakope Kalitesinde Bitkisel Drog Monograflarının Hazırlanması Anadolu Üniversitesi Arařtırma Fonu Projesi AÜAF 070301, 2008 - 2008

ALTINTAŐ A., TUBİTAK Project, Türkiye İin Yeni Bir Yöntem Serbest Radikal Süpürücü Etkinin On Line YBSK DPPH Metodu İle Tayini TÜBİTAK 104S603 SBAG 3068, 2005 - 2008

ALTINTAŐ A., Project Supported by Higher Education Institutions, Lycium barbarum L ve L ruthenicum Murray Meyvaları Üzerinde Kimyasal Arařtırmalar ve Biyoaktivite Çalışmaları Anadolu Üniversitesi Arařtırma Fonu Projesi AÜAF 010303, 2001 - 2003

### **Artistic Activity**

ALTINTAŐ A., Türkülerle Atatürk, Show, November 2018

ALTINTAŐ A., Anadolu'nun Türküleri, Show, April 2018

ALTINTAŐ A., Öyle Bir Geçer Zaman, Show, April 2018

ALTINTAŐ A., Sevda Üzerine, May 2017

ALTINTAŐ A., Ustalara Saygı, March 2017

ALTINTAŐ A., TÜRKÜ ATLASI (Ağıtlar ve Lokman Hekim), April 2016

ALTINTAŐ A., Efeler ve Yarenler, Türk Halk Müzięi Topluluęu Konseri, April 2013