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Address: Erciyes Üniversitesi Eczacılık Fakültesi Farmasötik Botanik Anabilim Dalı

Education Information

Doctorate, Ankara University, Faculty Of Pharmacy, Department Of Professional Pharmaceutical Sciences, Turkey 2013 - 2019

Post Graduate, Erciyes University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri , Turkey 2009 - 2012

Under Graduate, Erciyes University, Fen Fakültesi, Biyoloji , Turkey 2005 - 2009

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Health&Medicine, LCMS-8040 cihazı kullanıcı eğitimi, Erciyes Üniversitesi Eczacılık Fakültesi, 2017

Health&Medicine, Deney Hayvanları Uygulama ve Yöntemleri, Erciyes üniversitesi Sağlık Bilimleri Enstitüsü, 2012

Dissertations

Post Graduate, Alchemilla mollis (Buser) Rothm. Bitkisi Üzerine Farmakognozik Araştırmalar, Erciyes Üniversitesi, Eczacılık Fakültesi, Farmakognozi Ana Bilim Dalı, 2012

Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacognosy, Pharmaceutical Botany

Academic Titles / Tasks

Assistant Professor, Erciyes University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri , 2019 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Nutraceuticals-based therapeutic approach: recent advances to combat pathogenesis of Alzheimer's disease**

Talebi M., Kakouri E., Talebi M., Tarantilis P. A. , Farkhondeh T., İLGÜN S., Pourbagher-Shahri A. M. , Samarghandian S.

Expert Review of Neurotherapeutics, vol.21, pp.625-642, 2021 (Journal Indexed in SCI)

- II. **New insights into the role of the Nrf2 signaling pathway in green tea catechin applications**
Talebi M., Talebi M., Farkhondeh T., Mishra G., İLGÜN S., Samarghandian S.
PHYTOTHERAPY RESEARCH, 2021 (Journal Indexed in SCI)
- III. **Zingiber officinale ameliorates Alzheimer's disease and Cognitive Impairments: Lessons from preclinical studies**
Talebi M., İlgün S., Ebrahimi V., Talebi M., Farkhondeh T., Ebrahimi H., Samarghandian S.
Biomedicine & Pharmacotherapy, vol.133, pp.1-13, 2020 (Journal Indexed in SCI)
- IV. **Sedative Effects of Latexes Obtained from Some Lactuca L. Species Growing in Turkey**
İlguen S., AKKOL E., İlhan M., POLAT D. Ç. , Kilic A. B. , COŞKUN M., Sobarzo-Sanchez E.
MOLECULES, vol.25, no.7, 2020 (Journal Indexed in SCI)
- V. **Antioxidant and Cytotoxic Activities of Aerial and Underground Parts of Hypericum Scabrum L.**
Karatoprak G., Yücel Ç., Kaytan H. Ç. , İlgün S., Safak E., Koşar M.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.43, pp.2107-2113, 2019 (Journal Indexed in SCI)
- VI. **Chemical Composition of the Essential Oil and Antimicrobial Activity of Scaligeria DC. Taxa and Implications for Taxonomy**
Baldemir A., Demirci B., Paksoy M. Y. , İLGÜN S., Kosar M., Baser K. H. C. , Demirci F.
RECORDS OF NATURAL PRODUCTS, vol.12, no.1, pp.14-28, 2018 (Journal Indexed in SCI)
- VII. **A New Strategy for Enhancing Acanthamoebicidal Activity with Synthesis of Nanoflower of Laurocerasus officinalis Roemer (Cherry laurel) Fruit Extracts**
Baldemir A., Karaman U., YUSUFBEYOĞLU S., EKEN A., İLDİZ N., İLGÜN S., ÇOLAK C., Kacmaz G., ÖÇSOY I., Cankaya S.
MIKROBİYOLOJİ BULTENİ, vol.52, no.1, pp.56-71, 2018 (Journal Indexed in SCI)
- VIII. **Phenolic Composition, Anti-Inflammatory, Antioxidant, and Antimicrobial Activities of Alchemilla mollis (Buser) Rothm.**
Karatoprak G., İLGÜN S., Kosar M.
CHEMISTRY & BIODIVERSITY, vol.14, no.9, 2017 (Journal Indexed in SCI)
- IX. **Synthesis and characterization of green tea (Camellia sinensis (L.) Kuntze) extract and its major components-based nanoflowers: a new strategy to enhance antimicrobial activity**
Baldemir A., KOSE N. B. , İLDİZ N., İLGÜN S., Yusufbeyoğlu S., YILMAZ V., ÖÇSOY I.
RSC ADVANCES, vol.7, no.70, pp.44303-44308, 2017 (Journal Indexed in SCI)
- X. **PHYTOCHEMICAL AND MORPHO-ANATOMICAL PROPERTIES OF ALCHEMILLA MOLLIS (BUSER) ROTHM. GROWING IN TURKEY**
İLGÜN S., Baldemir A., Şam N., DELİMUSTAFAOĞLU F., Kosar M.
BANGLADESH JOURNAL OF BOTANY, vol.45, no.3, pp.685-692, 2016 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Alchemilla mollis (Buser) Rothm bitkisi köklerinden elde edilen ekstraktın antioksidan ve sitotoksik etkileri**
İlgün S., Şeker Karatoprak G.
Mersin Üniversitesi Sağlık Bilimleri Dergisi, vol.14, no.2, pp.176-185, 2021 (National Refreed University Journal)
- II. **Momordica charantia Seed and Aryl Extracts Potentiate Growth Inhibition and Apoptosis by Dual Blocking of PI3K/AKT and MAPK Pathways as a Downstream Target of EGFR Signaling in Breast Cancer Cells**
Basaran G., Bekci H., Baldemir A., İLGÜN S., CUMAOĞLU A.
CURRENT NUTRITION & FOOD SCIENCE, vol.16, no.5, pp.726-733, 2020 (Journal Indexed in ESCI)
- III. **Synergistic effect of Coriandrum sativum L. extracts with cefoxitin against methicillin resistant**

Staphylococcus aureus, extended-spectrum beta-lactamase producing Escherichia coli and Klebsiella pneumonia

ILDIZ N., BALDEMİR KILIÇ A., İNCE U., İLGÜN S., KONCA Y.

MEDİCİNE SCİENCE, vol.7, no.4, pp.777-780, 2018 (Refereed Journals of Other Institutions)

- IV. **Momordica charantia L. (kudret narı) meyvelerinin toplam fenolik madde içerikleri ve antioksidan kapasitelerinin değerlendirilmesi**
BALDEMİR A., Ekinci K., İLGÜN S., DALDA ŞEKERCİ A., YETİŞİR H.
Derim, vol.35, no.1, pp.45-50, 2018 (Refereed Journals of Other Institutions)
- V. **Antiradical, antimicrobial and cytotoxic activity evaluations of Alchemilla mollis (Buser) Rothm ŞEKER KARATOPRAK G., İLGÜN S., Koşar M.**
INTERNATIONAL JOURNAL OF LEGAL MEDICINE, vol.6, no.2, pp.33-38, 2018 (Refereed Journals of Other Institutions)
- VI. **Synergistic effect of Coriandrum sativum L. extracts with cefoxitin against methicillin resistant Staphylococcus aureus, extended-spectrum beta-lactamase producing Escherichia coli and Klebsiella pneumoniae**
ILDIZ N., BALDEMİR A., İNCE U., İLGÜN S., KONCA Y.
Medicine Science International Medical Journal, vol.7, no.4, pp.777-780, 2018 (Other Refereed National Journals)
- VII. **ESSENTIAL ELEMENT AND METAL CONTENT OF CHERRY LAUREL (LAUROCERASUS OFFICINALIS ROEM.) FRUIT AND SEEDS**
EKEN A., BALDEMİR A., ÜNLÜ ENDİRLİK B., BAKIR E., İLGÜN S.
Sağlık Bilimleri Dergisi, vol.26, pp.1-4, 2017 (National Refereed University Journal)
- VIII. **Antioxidant Properties and Phenolic Composition of Salvia virgata Jacq.**
Şeker Karatoprak G., İlgün S., Koşar M.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.13, pp.201-212, 2016 (Refereed Journals of Other Institutions)
- IX. **Antioxidant Capacity and Metal Content of Physalis peruviana L. Fruit Sold in Markets**
EKEN A., UNLU-ENDİRLİK B., Baldemir A., İLGÜN S., Soykut B., Erdem O., Akay C.
JOURNAL OF CLINICAL AND ANALYTICAL MEDICINE, vol.7, no.3, pp.291-294, 2016 (Journal Indexed in ESCI)
- X. **Investigations on Capsicum annum L. Samples Purchased from Kayseri Province of Turkey**
BALDEMİR A., KÖNGÜL E., İLDIZ N., İLGÜN S.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.12, no.3, pp.144-158, 2015 (Refereed Journals of Other Institutions)
- XI. **Geçmişte ve günümüzde çemenotunun kullanım alanları: Trigonella foenum-graecum L. (Usage Areas of Fenugreek in the Past and Today: Trigonella foenum-graecum L.)**
BALDEMİR A., İLGÜN S.
LOKMAN HEKİM JOURNAL, vol.5, no.1, pp.1-4, 2015 (National Refereed University Journal)
- XII. **Alchemilla L. Türlerinin Kimyasal Bileşikleri ve Biyolojik Aktiviteleri**
İLGÜN S., BALDEMİR A., KOŞAR M.
Hacettepe University Journal of the Faculty of Pharmacy, vol.34, no.1, pp.17-30, 2014 (National Refereed University Journal)

Books & Book Chapters

I. **TRADITIONAL USES OF POTENTILLA L. (ROSACEAE) SPECIES**

İlgün S., Şeker Karatoprak G.

in: Theory and Research in Health Sciences II, Prof. Dr. Cem Evreklioğlu, Editor, Gece, Ankara, pp.55-72, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. **Propolis Tabanlı Nanoçiçeklerin Sentezi ve İn vitro Antimikrobiyal Aktiviteleri**
BALDEMİR KILIÇ A., Akçakaya S., İLDİZ N., İLGÜN S., Yusufbeyoğlu S., ÖÇSOY İ.
ULUSLARARASI SAĞLIK VE SPOR BİLİMLERİNDE AKADEMİK ÇALIŞMALAR SEMPOZYUMU, 15 - 17 November 2019
- II. **Application, Characterization and Comparative Antimicrobial Activity Of Hypericum aucheri Jaub. & Spach and Hypericum perforatum L. Extracts Conjugated Hybrid Nanoflowers**
İLDİZ N., BALDEMİR A., İNCE U., İLGÜN S., ÖÇSOY İ.
International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018
- III. **Portulacca oleraceae L. bitkisi Yapral ve gövde anatomisi Üzerinde Anatomik ve Morfolojik Çalışmalar**
İLGÜN S., KÖROĞLU A.
21. Bitkisel İlaç Hammaddeleri Toplantısı, Turkey, 28 May - 01 June 2014
- IV. **Cytotoxic Effects of Alchemilla mollis (Buser) Rothm. Extracts on MCF 7 Cell Line**
İLGÜN S., ŞEKER KARATOPRAK G., KOŞAR M.
2nd International Conference on Natural Products for Cancer Prevention and Therapy, Kayseri, Turkey, 8 - 11 November 2017, vol.1, pp.1056
- V. **Cytotoxic Effects of Functional Foods Momordica charantia L. and Lycium barbarum L. Extracts on Prostate Cancer Cells**
ŞATIR BAŞARAN G., Bekci H., BALDEMİR A., İLGÜN S., CUMAOĞLU A.
NPCPT 2017, Kayseri, Turkey, 8 - 11 November 2017, vol.1, no.10, pp.1044
- VI. **FRUIT ANATOMY OF THE GENUS SCALIGERIA DC. (APIACEAE) IN TURKEY**
BALDEMİR A., İLGÜN S., Paksoy M. Y.
2nd International Gazi Pharma Symposium Series (GPSS-2017), Ankara, Turkey, 11 - 13 October 2017
- VII. **Antiparasitic efficacy of Artemisia ludoviciana Nutt. (Asteraceae) essential oil for Acanthamoeba castellanii, Leishmania infantum and Trichomonas vaginalis**
BALDEMİR A., Karaman Ü., İLGÜN S., Kaçmaz G., Demirci B.
2nd International Gazi Pharma Symposium Series (GPSS-2017), Ankara, Turkey, 11 - 13 October 2017
- VIII. **IN VITRO ANTIPROTOZOAL EFFECT OF ARTEMISIALUDOVICIANA NUTT. (ASTERACEAE) ESSENTIAL OIL AGAINSTACANTHAMOEBA CASTELLANII, LEISHMANIA INFANTUM ANDTRICHOMONAS VAGINALIS**
BALDEMİR A., KARAMAN Ü., İLGÜN S., kacmaz g., DEMİRCİ B.
2ndInternational Gazi Pharma Symposium Series, 11 - 13 October 2017
- IX. **Synthesis and characterization of green tea (Camellia sinensis (L.) Kuntze) extracts and its major components based nanoflowers: A new strategy to enhance antimicrobial activity**
BALDEMİR A., KÖSE N. B. , İLDİZ N., İLGÜN S., YUSUFBEYOĞLU S., ÖÇSOY İ.
3. Uluslararası İlaç ve Eczacılık Kongresi, 26 - 29 April 2017
- X. **Scaligeria DC. Türlerinin Uçucu Yağ Bileşimi ve Antimikrobiyal Aktivitelerinin Taksonomiye Katkıları**
BALDEMİR A., Demirci B., Demirci F., Paksoy M. Y. , İLGÜN S., Koşar M., Başer K. H. C.
XXII. Bitkisel İlaç Hammaddeleri Toplantısı, Trabzon, Turkey, 31 August - 03 September 2016, vol.1, pp.76-77
- XI. **Evaluation of Antioxidant Effects in Rat Liver and Essential Element Contents of Cherry Laurel (Laurocerasus officinalis Roem.)**
EKEN A., BALDEMİR A., ÜNLÜ ENDİRLİK B., ÖZGER E., İLGÜN S.
11th International Symposium, on Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 June 2015, vol.1, pp.422-423
- XII. **Essential oil composition of Scaligeria napiformis(Sprengel) Grande native toTurkey**
BALDEMİR A., DEMİRCİ B., İLGÜN S., KOŞAR M., PAKSOY M. Y.
International Symposium on Essetial Oil, 7 September - 10 October 2014
- XIII. **Karayemiş (Laurocerasus officinalis M. Roem.) Meyve ve Çekirdeğinin Metal Düzeylerinin ICP-MS ile Belirlenmesi**
EKEN A., BALDEMİR A., ÜNLÜ ENDİRLİK B., ÖZGER E., İLGÜN S., Delimustafaoğlu F.
21. Bitkisel İlaç Hammaddeleri Toplantısı, Nevşehir, Turkey, 28 May - 01 June 2014, pp.44
- XIV. **Geçmişte ve günümüzde Çemenotu: Trigonella Foenum-Graecum**

- BALDEMİR A., İLGÜN S.
XI. Türk eczacılık Tarihi toplantısı, Turkey, 25 - 28 May 2014
- XV. **Investigations on the European Pharmacopeia Conformity of Capsicum anuum L. Samples Collected from Turkish Market**
Köngül E., BALDEMİR A., İlgün S.
XI. INTERNATIONAL ETHNOBOTANY SYMPOSIO, Turkey, 1 - 04 November 2013, vol.25, no.49, pp.38
- XVI. **anatomical studies on alchemilla mollis (Buser) Rothm. and A. hirsutiflora Rothm. native to Turkey**
BALDEMİR A., İLGÜN S., Şam N., KOŞAR M.
XIV Optima Meeting, 9 - 15 September 2013
- XVII. **Anatomical studies on Alchemilla mollis (Buser) Rothm. and A. hirsutiflora (Buser) Rothm. native to Turkey**
BALDEMİR A., İLGÜN S., Şam N.
xiv Optima Meeting, Italy, 1 - 04 August 2013, pp.97
- XVIII. **Antioxidant Properties and Phenolic composition of Alchemilla hirsutiflora (Buser) Rothm. A. mollis (Buser) Rothm. from Turkey**
BALDEMİR A., İLGÜN S., ŞEKER KARATOPRAK G., KOŞAR M.
Natural Products in cancer Prevention and therapy, 25 - 28 June 2013
- XIX. **Kayseri'de aktarlarda satılan Viburnum Opulus türünün meyve ekstresinin serbest radikal süpürücü aktivitesinin belirlenmesi.**
BALDEMİR A., EKEN A., ERTÜRK S.
21. Ulusal Biyoloji Kongresi (Uluslar arası Katılımlı), İzmir, Turkey, 1 - 04 September 2012, pp.379
- XX. **Evaluation of mineral composition of Cranberrybush (Viburnum opulus L.).**
BALDEMİR A., EKEN A., Ertürk S., ÜNLÜ ENDİRLİK B., Soykut B., Akay C.
10th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 26 - 29 June 2012, pp.408
- XXI. **Evaluation of DPPH radical scavenging activity of Viburnum opulus L.**
BALDEMİR A., Ertürk S., EKEN A., ÜNLÜ ENDİRLİK B.
10th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 26 - 29 June 2012, pp.409
- XXII. **Determination of trace elements and heavy metals in Physalis L. fruit.**
EKEN A., BALDEMİR A., ÜNLÜ ENDİRLİK B., Ertürk S., Erdem O., Soykut B.
10th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 26 - 29 June 2012, pp.467
- XXIII. **Dpph Radical Scavenging Activity of Physalis L. Fruit extract**
EKEN A., ÜNLÜ ENDİRLİK B., BALDEMİR A., İLGÜN S.
10th International symposium on pharmaceutical science, 26 - 29 June 2012
- XXIV. **DPPH radical scavenging activity of Physalis L. fruit extract.**
EKEN A., ÜNLÜ ENDİRLİK B., BALDEMİR A., Ertürk S.
10th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 26 - 29 June 2012, pp.411
- XXV. **Evaluation of mineral composition of cranberrybush**
BALDEMİR A., EKEN A., İLGÜN S., ÜNLÜ ENDİRLİK B., Soykut B.
10th International symposium on pharmaceutical science, 26 - 29 June 2012
- XXVI. **Evaluation of Dpph Radical Scavenging activity of viburnum opulus L. fruit**
BALDEMİR A., İLGÜN S., EKEN A., ÜNLÜ ENDİRLİK B.
10th International symposium on pharmaceutical science, 26 - 29 June 2012
- XXVII. **Determination of trace elements and heavy metals in Physalis L. fruit**
EKEN A., BALDEMİR A., ÜNLÜ ENDİRLİK B., İLGÜN S., Soykut B.
10th International symposium on pharmaceutical science, 26 - 29 June 2012
- XXVIII. **The effect of salvia virgata on SOD and TBARS activities of chronic myeloid leukemia cells**
ŞEKER KARATOPRAK G., AYCAN M. B., İLGÜN S., KOŞAR M.
Oxidants and Atioxidants in Biology- Cell Signaling and Nutrient-Gene Interactions, Torino, Italy, 20 - 23 June 2012, pp.126
- XXIX. **Antiradical Properties of Alchemilla mollis,**
ŞEKER KARATOPRAK G., İLGÜN S., KOŞAR M.

Third International Meeting on Pharmacy and Pharmaceutical Sciences, İstanbul, Turkey, 9 - 12 June 2012

- XXX. **Kaz dağları Yöresinde Doğal Yayılışı olan Endemik Heracleum Platyaenium Bois. türünün Önemi ve diğer Heracleum L. türleri üzerinde yapılmış çalışmalar**
BALDEMİR A., İLGÜN S.
iii. ulusal Kazdağları sempozyumu, Turkey, 24 - 26 May 2012
- XXXI. **Antioxidant properties and Phenolic composition of Alchemilla mollis from Turkey**
İLGÜN S., ŞEKER KARATOPRAK G., KOŞAR M.
59th International congress and annual Meeting of the society for Medicinal Plant and Natural Product Research, 4 - 09 September 2011
- XXXII. **Antioxidant Properties and Phenolic Composition of Alchemilla mollis From Turkey.**
İLGÜN S., ŞEKER KARATOPRAK G., KOŞAR M.
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.1383-1384

Supported Projects

İLGÜN S., ŞEKER KARATOPRAK G., KÖNGÜL ŞAFAK E., Project Supported by Higher Education Institutions, Arctium minus HILL BERNH Bitkisinden Hazırlanan Ekstrelerin in vitro Aktivitelerinin Araştırılması, 2020 - Continues
BALDEMİR KILIÇ A., ÇOŞKUN M., İLGÜN S., Project Supported by Higher Education Institutions, Kayseri ve Komşu İllerinde Yetişen Lactuca L. Türleri üzerinde Farmasötik Botanik Yönünden Araştırmalar, 2018 - 2019
BALDEMİR KILIÇ A., KAFKAS S., ŞAM N., DEMİRCİ B., PAKSOY M. Y., ÇOŞKUN M., İLGÜN S., Project Supported by Higher Education Institutions, Türkiye'de Yetişen Endemik Scaligeria lazica Boiss. ve S. capillifolia Post Türleri Üzerinde Taksonomik ve Kimyasal Araştırmalar, 2014 - 2017
BALDEMİR KILIÇ A., İLHAN M., AYCAN M. B., ŞEKER KARATOPRAK G., İLGÜN S., DEMİRPOLAT E., PEŞİN SÜNTAR İ., KÜPELİ AKKOL E., Project Supported by Higher Education Institutions, Kayseride Halk Arasında Yara İyileştirici Olarak Kullanılan Bazı Bitkilerin Kimyasal Yapıları ve Biyolojik Aktiviteleri Açısından İncelenmesi, 2015 - 2016

Edit Congress and Symposium Activities

2nd International Conference on Natural products for cancer prevention and therapy, Attendee, Kayseri, Turkey, 2017
2nd International Gazi Pharma Symposium, Attendee, Ankara, Turkey, 2017
XXII. Bitkisel İlaç Hammaddeleri Toplantısı (BİHAT), Attendee, Trabzon, Turkey, 2016
XXI. Bitkisel İlaç Hammaddeleri Toplantısı (Bihat), Attendee, Nevşehir, Turkey, 2014
xiv. Optima meeting, Attendee, Sicilya Palermo, Italy, 2013
10th International Symposium on Pharmaceutical Sciences (ISOPS-10), Attendee, Ankara, Turkey, 2012
KAZDAĞLARI III. ULUSAL SEMPOZYUMU, Attendee, Balıkesir, Turkey, 2012
59th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research, Attendee, Antalya, Turkey, 2011

Citations

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