

Prof. ZELİHA ŞÜKRAN AKDEMİR

Personal Information

Office Phone: [+90 312 305 2008](tel:+903123052008)

Office Phone: [+90 312 305 1089](tel:+903123051089) Extension: 17

Fax Phone: [+90 312 311 4777](tel:+903123114777)

Email: zakdemir@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/zakdemir>

Address: Eczacılık Fakültesi Farmakognozi Anabilim Dalı

Education Information

Doctorate, Hacettepe University, Sağlık Bilimleri Fakültesi, Farmakognozi, Turkey 1978 - 1985

Postgraduate, Hacettepe University, Eczacılık Fakültesi, Farmakognozi, Turkey 1972 - 1977

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Helichrysum pampylicum Davis-kupicha üzerinde farmakognozok araştırmalar, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, 1985

Research Areas

Health Sciences

Academic and Administrative Experience

Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2007 - 2010

Advising Theses

AKDEMİR Z. Ş., Bazı ferula L. türleri üzerinde farmakognozok araştırmalar, Doctorate, Ç.KAHRAMAN(Student), 2016
ÇANKAYA İ. İ., AKDEMİR Z. Ş., Verbascum mucronatum Lam. üzerinde farmakognozok araştırmalar, Postgraduate, Ç.KAHRAMAN(Student), 2009

Published journal articles indexed by SCI, SSCI, and AHCI

1. Anti-inflammatory and Antinociceptive Potential of Verbascum latiseptalum

KAHRAMAN Ç., SARI S., AKKOL E., AKDEMİR Z. Ş., ÇANKAYA İ. İ.

REVISTA BRASILEIRA DE FARMACOGNOSIA-BRAZILIAN JOURNAL OF PHARMACOGNOSY, vol.32, no.4, pp.537-543, 2022 (SCI-Expanded)

- II. **Phytochemical screening and evaluation of the antimicrobial and antioxidant activities of *Ferula caspica* M. Bieb. extracts**
Kahraman Ç., TOPCU G., BEDİR E., Tatlı İ. İ., Ekizoglu M., Akdemir Z. Ş.
Saudi Pharmaceutical Journal, vol.27, no.4, pp.525-531, 2019 (SCI-Expanded)
- III. **The evaluation of sterile solutions of Ilwensisaponin A and C from *Verbascum pterocalycinum* var. *mutense* Hub.-Mor. on antiviral, antinociceptive and anti-inflammatory activities**
DİKER N. Y., KAHRAMAN Ç., Akkol E. K., Karaoglu M. T., Comoglu T., AKDEMİR Z. Ş., ÇANKAYA İ. İ.
SAUDI PHARMACEUTICAL JOURNAL, vol.27, no.3, pp.432-436, 2019 (SCI-Expanded)
- IV. **Role of Natural Antioxidants from Selected Plants Belonging to the Scrophulariaceae and Buddlejaceae Families in the Prevention and Treatment of Neurodegenerative Diseases**
KAHRAMAN Ç., AKDEMİR Z. Ş., Tatlı İ. İ.
NUTRACEUTICALS AND NATURAL PRODUCT DERIVATIVES: DISEASE PREVENTION & DRUG DISCOVERY, pp.183-235, 2019 (SCI-Expanded)
- V. **The Therapeutic Activities of Selected Scrophulariaceae and Buddlejaceae Species and Their Secondary Metabolites Against Neurodegenerative Diseases**
Tatlı İ. İ., KAHRAMAN Ç., AKDEMİR Z. Ş.
BIOACTIVE NUTRACEUTICALS AND DIETARY SUPPLEMENTS IN NEUROLOGICAL AND BRAIN DISEASE: PREVENTION AND THERAPY, pp.95-111, 2015 (SCI-Expanded)
- VI. **Inhibitory effect of the methanolic extract of *verbascum latisepalum* Hub.-Mor. on endothelium-dependent relaxation in rat thoracic aorta**
BOZKURT T. E., Tatlı İ. İ., KAHRAMAN Ç., AKDEMİR Z. Ş., Sahin-Erdemli I.
Zeitschrift fur Naturforschung - Section C Journal of Biosciences, pp.219-225, 2014 (SCI-Expanded)
- VII. **Cholinesterase inhibitory and antioxidant properties of *Verbascum mucronatum* Lam. and its secondary metabolites.**
KAHRAMAN Ç., Tatlı İ. İ., Orhan I. E., AKDEMİR Z. Ş.
Zeitschrift fur Naturforschung. C, Journal of biosciences, vol.65, pp.667-74, 2010 (SCI-Expanded)
- VIII. **Antinociceptive and anti-inflammatory activities of seven endemic *Verbascum* species growing in Turkey**
Tatlı İ. İ., AKKOL E., YEŞİLADA E., AKDEMİR Z. Ş.
Pharmaceutical Biology, vol.46, pp.781-788, 2008 (SCI-Expanded)
- IX. **Anti-Inflammatory and Antinociceptive Potential of Major Phenolics from *Verbascum salviifolium* Boiss**
Tatlı İ. İ., AKDEMİR Z. Ş., YEŞİLADA E., Kuepeli E.
Zeitschrift fur Naturforschung - Section C Journal of Biosciences, vol.63, pp.196-202, 2008 (SCI-Expanded)
- X. **Secondary metabolites from the aerial parts of *Verbascum dudleyanum* and their biological activities**
Tatlı İ. İ., Schuhly W., Kunert O., BEDİR E., AKDEMİR Z. Ş.
Chemistry of Natural Compounds, vol.44, no.3, pp.292-295, 2008 (SCI-Expanded)
- XI. **Antinociceptive and anti-inflammatory effects of saponin and iridoid glycosides from *Verbascum pterocalycinum* var. *mutense* Hub.-Mor.**
AKKOL E., Tatlı İ. İ., AKDEMİR Z. Ş.
Zeitschrift fur Naturforschung - Section C Journal of Biosciences, vol.62, pp.813-820, 2007 (SCI-Expanded)
- XII. **Neolignan and phenylethanoid glycosides from *Verbascum salviifolium* boiss**
AKDEMİR Z. Ş., Tatlı İ. İ., Bedir E., Khan I. A.
Turkish Journal of Chemistry, vol.28, no.5, pp.621-628, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Acetylcholinesterase inhibitory activities and LC-MS analysis of the antioxidant *Ferula caspica* M. Bieb. and *F. halophila* Pesmen extracts**
KAHRAMAN Ç., BAYSAL İ., ÇANKAYA İ. İ., GÖGER F., Kırimer N., AKDEMİR Z. Ş.
JOURNAL OF RESEARCH IN PHARMACY, vol.23, no.3, pp.543-551, 2019 (ESCI)
- II. **Structure elucidation and antimicrobial activities of secondary metabolites from the flowery parts of *verbascum mucronatum* Lam** *Verbascum mucronatum* lam.'ın çiçekli kısımlarından elde edilen sekonder metabolitlerin yapı tayini ve antimikrobiyal aktiviteleri
KAHRAMAN Ç., TATLI İ. İ., KART D., EKİZOĞLU M., AKDEMİR Z. Ş.
Turkish Journal of Pharmaceutical Sciences, vol.15, no.3, pp.231-237, 2018 (Scopus)
- III. **Antimicrobial activity of some *Verbascum* species growing in Turkey**
KAHRAMAN Ç., EKİZOĞLU M., KART D., AKDEMİR Z. Ş., ÇANKAYA İ. İ.
FABAD Journal of Pharmaceutical Sciences, vol.36, pp.11-15, 2011 (Scopus)
- IV. **Brine Shrimp Lethality Bioassay of Some *Verbascum* Species Growing In Turkey**
ÇANKAYA İ. İ., FAFAL T., KAHRAMAN Ç., KIVÇAK B., AKDEMİR Z. Ş.
FABAD Journal of Pharmaceutical Sciences, vol.33, pp.193-198, 2008 (Scopus)
- V. **Traditional uses and biological activities of *Verbascum* species**
Tatli İ. İ., AKDEMİR Z. Ş.
Fabad Journal of Pharmaceutical Sciences, vol.31, no.2, pp.85-96, 2006 (Scopus)
- VI. **Antimicrobial and antimalarial activities of secondary metabolites from some Turkish *Verbascum* species**
Tatli İ. İ., AKDEMİR Z. Ş.
Fabad Journal of Pharmaceutical Sciences, vol.30, no.2, pp.84-92, 2005 (Scopus)
- VII. **Search for antifungal compounds from some *Verbascum* species growing in Turkey**
Tatli İ. İ., AKDEMİR Z. Ş., Bedir E., Khan I. A.
Fabad Journal of Pharmaceutical Sciences, vol.28, no.3, pp.137-140, 2004 (Scopus)
- VIII. **Antimicrobial and antimalarial activities of some endemic Turkish *Verbascum* species**
AKDEMİR Z. Ş., Tatli İ. İ., Bedir E., Khan I. A.
Fabad Journal of Pharmaceutical Sciences, vol.28, no.3, pp.131-135, 2004 (Scopus)
- IX. **Antioxidant flavonoids from *Verbascum salviifolium* boiss**
AKDEMİR Z. Ş., Tatli İ. İ., Bedir E., Khan I. A.
Fabad Journal of Pharmaceutical Sciences, vol.28, no.2, pp.71-75, 2004 (Scopus)
- X. **Chemical constituents of *Verbascum* L. species**
Tatli İ. İ., AKDEMİR Z. Ş.
Fabad Journal of Pharmaceutical Sciences, vol.29, no.2, pp.93-107, 2004 (Scopus)
- XI. **Caffeic Acid Oligomers from *Calamintha grandiflora***
AKDEMİR Z. Ş., SARAÇOĞLU İ.
Hacettepe University, Journal of Faculty of Pharmacy, vol.23, no.1, pp.1-8, 2003 (Peer-Reviewed Journal)
- XII. **Flavonoids from *Geranium pratense* subsp *finitimum***
AKDEMİR Z. Ş., ÇANKAYA İ. İ., SARAÇOĞLU İ., ÇALIŞ İ.
Uluslararası Katılımlı XII. Bitkisel İlaç Hammaddeleri Toplantısı), Ankara, 20-22 Mayıs 1998. Bildiri Kitabı, pp.18-22, 2000 (Peer-Reviewed Journal)
- XIII. **İhraç Edilen Droglarda Aranan Standartlar**
SEZİK E., YEŞİLADA E., NURTEN E., AKDEMİR Z. Ş., SARAÇOĞLU İ.
V. Bitkisel İlaç Hammaddeleri Toplantısı, Ankara, 15-17 Kasım 1984. Bildiri Kitabı, pp.28-34, 1987 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Bitki Monografıları**

KAHRAMAN Ç., AKDEMİR Z. Ş.

in: Tıp Fakültesi Öğrencileri için Temel Fitoterapi, Murat D. Çekin, Zeliha Ş. Akdemir, Editor, İnönü Üniversitesi Matbaası, Malatya, pp.37-42, 2019

II. Role of Natural Antioxidants from Selected Plants Belonging to the Scrophulariaceae and Buddlejaceae Families in the Prevention and Treatment of Neurodegenerative Diseases

KAHRAMAN Ç., AKDEMİR Z. Ş., ÇANKAYA İ. İ.

in: Nutraceuticals and Natural Product Derivatives: Disease Prevention Drug Discovery, Ullah, M.F., Ahmad, A., Editor, John Wiley Sons, Inc., pp.183-235, 2019

III. The Therapeutic Activities of Selected Scrophulariaceae and Buddlejaceae Species and Their Secondary Metabolites Against Neurodegenerative Disease

ÇANKAYA İ. İ., KAHRAMAN Ç., AKDEMİR Z. Ş.

in: Bioactive ve Nutraceuticals and Dietary Supplements in Neurological and Brain Disease Prevention and Therapy, Ronald Ross Watson, Victor R. Preedy, Editor, Elsevier Inc., pp.95-111, 2015

IV. Promising cytotoxic activity profile, biological activities and phytochemical screening of Verbascum L. species

KAHRAMAN Ç., AKDEMİR Z. Ş., ÇANKAYA İ. İ.

in: Medicinal and Aromatic Plant Science and Biotechnology, Egamberdieva D., Tiezzi A., Editor, Global Science Books, pp.63-75, 2012

Refereed Congress / Symposium Publications in Proceedings

I. Antimicrobial activities of Ferula caspica and F. halophila Extracts

KAHRAMAN Ç., EKİZOĞLU M., AKDEMİR Z. Ş.

International Multidisciplinary Symposium on Drug Research and Development, 5 - 07 October 2017

II. Acetylcholinesterase Inhibitory and Antioxidant Activities of Ferula caspica and F. halophila Extracts

KAHRAMAN Ç., BAYSAL İ., YABANOĞLU ÇİFTÇİ S., ÇANKAYA İ. İ., AKDEMİR Z. Ş.

XXIst International Congress "Phytopharm 2017" and 10th Anniversary of the TCM Research Center Graz, 2 - 05 July 2017

III. Evaluation of antioxidant and antimicrobial potential of aerial parts and roots of Ferula caspica Bieb.

KAHRAMAN Ç., ÖZTÜRK D., EKİZOĞLU M., AKDEMİR Z. Ş.

Trends in natural products research: a young scientist meeting of PSE and ÖPhG, 21 - 25 July 2013

IV. Inhibitory activity of Verbascum latisepalum Hub.-Mor. on endothelial nitric oxide synthase in rat thoracic aorta

Tatlı I. I., BOZKURT T. E., KAHRAMAN Ç., Sahin-Erdemli I., AKDEMİR Z. Ş.

International Congress on Natural Products Research on Global Change, Natural Products and Human Health/8th Joint Meeting of AFERP, ASP, GA, PSE and SIF, New-York, United States Of America, 28 July - 01 August 2012, vol.78, pp.1226-1227

V. Antimicrobial activities of Verbascum mucronatum lam and its secondary metabolites

KAHRAMAN Ç., EKİZOĞLU M., Öztürk D., AKDEMİR Z. Ş., ÇANKAYA İ. İ.

10th International Symposium on Pharmaceutical Sciences (ISOPS, 26 - 29 June 2012

VI. Türkiye de Yetişen Bazı Verbascum Türlerinin Antimikrobiyal Aktiviteleri

KAHRAMAN Ç., Öztürk D., ÇANKAYA İ. İ., AKDEMİR Z. Ş., EKİZOĞLU M.

19. Bitkisel İlaç Hammaddeleri Toplantısı, Turkey, 27 - 30 October 2010

VII. Verbascum latisepalum Ekstresinin Serbest Radikal Süpürücü Etkisinin Araştırılması

BOZKURT T. E., KAHRAMAN Ç., İREM T., ERDEMLİ İ., AKDEMİR Z. Ş.

17. Bitkisel İlaç Hammaddeleri Toplantısı, KUŞADASI/AYDIN, Turkey, 26 - 29 November 2007

Supported Projects

AKDEMİR Z. Ş., KAHRAMAN Ç., Project Supported by Higher Education Institutions, Bazı Ferula L.Türleri Üzerinde Farmakognozik Araştırmalar, 2016 - 2016

AKDEMİR Z. Ş., KAHRAMAN Ç., Project Supported by Higher Education Institutions, 22. Bitkisel İlaç Hammaddeleri Toplantısı, 2016 - 2016

AKDEMİR Z. Ş., Project Supported by Higher Education Institutions, Ferula caspica Bieb. Üzerinde Farmakognozik Araştırmalar, 2014 - 2016

Metrics

Publication: 40

Citation (WoS): 110

Citation (Scopus): 182

H-Index (WoS): 6

H-Index (Scopus): 9