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Education Information

Doctorate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmakognozi Abd., Turkey 2011 - 2018
Undergraduate, Hacettepe University, Eczacılık Fakültesi, Turkey 2006 - 2011

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacognosy

Academic Titles / Tasks

Assistant Professor, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2022 - Continues
Research Assistant, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2011 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Interactions between phenolic constituents of Scutellaria salviifolia and key targets associated with inflammation: network pharmacology, molecular docking analysis and in vitro assays**
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II. **Food plant with antioxidant, tyrosinase inhibitory and antimelanoma activity: Prunus mahaleb L**
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III. **Scutellaria brevibracteata Stapf and active principles with anti-inflammatory effects through regulation of NF-κB/COX-2/iNOS pathways**
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IV. **IRIDOIDS FROM Veronica crista-galli FROM THE FLORA OF AZERBAIJAN**

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V. **New acylated iridoid glucosides from Scutellaria glaphyrostachys Rech.f. and chemotaxonomic importance for the genus Scutellaria**
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VIII. **Iridoids and Phenylethanoid Glycosides from Phlomis pungens of the Flora of Azerbaijan**
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IX. **Bioactivity based phytochemical studies on Scutellaria salviifolia Benth**
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X. **Antioxidant potential of Incarvillea emodi (Royle ex Lindl.) Chatterjee**
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XI. **Microalgae: From culture medium to medicine**
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XII. **Studies on antioxidant potential and active compounds of Scutellaria salviifolia Bentham**
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XIV. **Microalgae From Culture Medium to Medicine**
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Articles Published in Other Journals

I. **Nuclear receptor agonist activity studies on some Plantago species and Scutellaria salviifolia Benth.: A particular focus on liver x receptor alpha and retinoid x receptor alpha connected with the inflammation process**
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II. **Chemical profiling and cytotoxic activity of aqueous extract of Veronica peduncularis M.Bieb.: A chemotaxonomical approach**
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I. **Coenzym Q10**
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II. **Bölüm 20. Boswellia carterii**
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IV. **Bölüm 18. Berberis aquifolium**
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I. **ISOLATION OF ANTI-INFLAMMATORY COMPOUNDS FROM SCUTELLARIA RUBICUNDA HORNEM. SUBSP. BREVIBRACTEATA J.R.EDM.**
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II. **Chemotaxonomic aspects of new acylated iridoids from endemic Scutellaria glaphyrostachys Rech. f.,**
DOĞAN Z., ISHIUCHI K., MAKINO T., SARAÇOĞLU İ.
6th. World Congress of Medicinal and Aromatic Plants (WOCMAP VI), Famagusta-Magosa, Cyprus (Kktc), 13 - 17 November 2019

III. **Cytotoxic and Antimicrobial Activities of Prunus mahaleb L. Kernels, 6th. World Congress of Medicinal and Aromatic Plants (WOCMAP VI)**
BAYRAKÇEKEN Z., DOĞAN Z., EKİZOĞLU M., SARAÇOĞLU İ., BAŞARAN A. A.
6th. World Congress of Medicinal and Aromatic Plants (WOCMAP VI), Famagusta, Cyprus (Kktc), 13 - 17 November 2019

IV. **Isolation and characterization of iridoid glucosides from Veronica crista-galli Stev**
Pashayeva N., DOĞAN Z., Suleymanov T., SARAÇOĞLU İ.
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V. **Isolation and characterization of two new compounds from Scutellaria salviifolia Benth.**
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VI. **Antioxidant, Antidiabetic Potential and a New flavonoid from Opuntia ficus – indica (L.) Mill.,**
KELEŞ H. B., EKİN H. N., DOĞAN Z., SARAÇOĞLU İ., BAŞARAN A. A.

International Hippocrates Congress on Medical and Health Sciences, Ankara, Turkey, 1 - 03 March 2019, pp.59-65

VII. **Comparative LC-MS/MS studies on phytochemical contents of three endemic Scutellaria species**
DOĞAN Z., GÖGER F., KIRIMER N., SARAÇOĞLU İ.
12th International Symposium on Pharmaceutical Sciences (ISOPS), 26 - 29 June 2018

VIII. **A survey of Opuntia ficus–indica (L.) Mill. Fruits**
KELEŞ H. B., DOĞAN Z., SARAÇOĞLU İ., BAŞARAN A. A.
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IX. **Liver X receptor agonist activity of some medicinal plants from Turkey**
KUTLUAY V. M., GENÇ Y., DOĞAN Z., Inoue M., SARAÇOĞLU İ.
12th International Symposium on Pharmaceutical Sciences (ISOPS-12), 26 - 29 June 2018

X. **Therapeutic and economic aspects of cyanobacteria from geothermal sources in Afyonkarahisar province**
Şensoy M., DOĞAN Z., DALAY M., DEMİREL GÖKALP Z., SARAÇOĞLU İ.
12th International Symposium on Pharmaceutical Sciences (ISOPS), 26 - 29 June 2018

XI. **Afyonkarahisar İli Jeotermal Su Kaynaklarından İzole Edilen Bazı Siyanobakteriler Üzerinde Kimyasal İçerik ve Biyolojik Etki Çalışmaları**
Şensoy M., DOĞAN Z., DALAY M., DEMİREL GÖKALP Z., SARAÇOĞLU İ.
XXIII. Bitkisel İlaç Hammaddeleri Toplantısı, Turkey, 9 - 12 April 2018

XII. **Scutellaria glaphyrostachys Rech.f.'den izole edilen iridoit glukozitleri ve biyolojik etkileri**
DOĞAN Z., SARAÇOĞLU İ.
XXIII. Bitkisel İlaç Hammaddeleri Toplantısı, Turkey, 9 - 12 April 2018

XIII. **Selective cytotoxic activity of Scutellaria species**
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2nd International Conference on Natural Products for Cancer Prevention and Therapy (NPCPT 2017), Kayseri, Turkey, 8 - 11 November 2017

XIV. **Seasonal Variations of Phenylethanoid Glycosides in Scutellaria salviifolia**
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XVI. **Bioassay-guided isolation studies on Scutellaria salviifolia Benth.**
DOĞAN Z., KUTLUAY V. M., SARAÇOĞLU İ.
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XIX. **Bioassay guided isolation studies on Incarvillea emodi Royle ex Lindl Chatterjee**
Ihtesham Y., DOĞAN Z., KUTLUAY V. M., Khan U., SARAÇOĞLU İ.
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XX. **Bioassay guided isolation of phenolic compounds from Scutellaria salviifolia Benth**
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9th Joint Natural Product Conference 2016 (Joint Meeting with ASP, AFERP, JSP, PSE and SIF and 64th Annual Meeting of GA, Kopenhag, Denmark, 24 - 28 July 2016

XXI. **Flavonoids isolated from Opuntia ficus indica L Mill**
KELEŞ H. B., DOĞAN Z., SARAÇOĞLU İ., BAŞARAN A. A.
6th International Congress of Aromatic and Medicinal Plants (CIPAM 2016), Coimbra, Portugal, 29 May - 01 June

2016

XXII. **Flavonoids isolated from Opuntia ficus indica L Mill**
HANDE BÜŞRA K., DOĞAN Z., SARAÇOĞLU İ., BAŞARAN A. A.
International Gazi Pharma Symposium (GPSS), Antalya, Turkey, 12 - 15 November 2015

XXIII. **Bioactivity Based Phytochemical Studies on Scutellaria salviifolia Benth**
DOĞAN Z., KUTLUAY V. M., SARAÇOĞLU İ.
63rd International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA), Budapest, Hungary, 23 - 27 August 2015

XXIV. **Bioactive Compounds from Scutellaria salviifolia Benth**
DOĞAN Z., SARAÇOĞLU İ.
11st International Symposium on Pharmaceutical Sciences (ISOPS-11), Ankara, Turkey, 9 - 12 June 2015

XXV. **Antioxidant and Cytotoxic Microalgae Species from Four Local Geothermal Sources**
MERVE Ş., DOĞAN Z., DALAY M., DEMİREL Z., SARAÇOĞLU İ.
11st International Symposium on Pharmaceutical Sciences (ISOPS-11), Ankara, Turkey, 9 - 12 June 2015

Supported Projects

DEMİREZER L. Ö., YALÇIN F. N., UZ A., KUTLUAY V. M., DOĞAN Z., ÖZENVER N., Gündoğdu S., Project Supported by Higher Education Institutions, İlaç adayı potansiyel antikanser etkili antrakinon molekülleri ve Rumex ekstraktları üzerinde sitotoksisite ve HPLC çalışmaları, 2021 - 2023

DOĞAN Z., SARIKAYA AYDIN S., SARAÇOĞLU İ., Project Supported by Higher Education Institutions, Acanthus spinosus L. den Antioksidan, Sitotoksik ve Antienflamatuvar Etkili Bileşiklerin İzolasyonu, 2019 - 2021

Doğan Z., Saraçoğlu İ., Telli G., Tel B. C., TUBITAK Project, Endemik Scutellaria Rubicunda Hornem. Subsp. Brevibracteata J.R.Edm. Bitkisinin Antienflamatuvar Etkisinin Araştırılması ve Muhtemel Etki Mekanizmasının Açıklanması, 2019 - 2020

DOĞAN Z., GÜVEN Z., BAŞARAN A. A., Project Supported by Higher Education Institutions, HALK İLACI VE GIDA OLARAK KULLANILAN Prunus mahaleb L. TOHUM VE MEYVE KABUKLARINDA in vitro ANTİDİYABETİK ÇALIŞMALAR, 2019 - 2020

SARAÇOĞLU İ., DOĞAN Z., Project Supported by Higher Education Institutions, İLAÇ HAMMADDESİ KAYNAĞI BAZI SCUTELLARIA L TÜRLERİ ÜZERİNDE FARMAKOGNOZİK ARAŞTIRMALAR, 2017 - 2018

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Metrics

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