

Lect. PhD HİLAL KILINÇ



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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAH-1405-2019

ScopusID: 57201312247

Yoksis Researcher ID: 181707

Education Information

Doctorate, Ege University, Fen Bilimleri Enstitüsü, Organik Kimya (Dr), Turkey 2010 - 2016

Postgraduate, Ege University, Fen Bilimleri Enstitüsü, Organik Kimya (YI) (Tezli), Turkey 2008 - 2010

Undergraduate, Ege University, Faculty Of Science, Kimya Bölümü, Turkey 2006 - 2008

Certificates, Courses and Trainings

Education Management and Planning, Öğretim Yetkinliklerini Geliştirme Sertifika Programı, Dokuz Eylül Üniversitesi, 2024

Dissertations

Doctorate, Phytochemical analysis of some Caryophyllaceae taxa, Ege University, Fen Bilimleri Enstitüsü, Organik Kimya (Dr), 2016

Postgraduate, Isolation and characterization of saponins from Cyclamen hederifolium, Ege University, Fen Bilimleri Enstitüsü, Organik Kimya (YI) (Tezli), 2010

Research Areas

Organic Chemistry

Academic Titles / Tasks

Lecturer PhD, Dokuz Eylul University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2011 - Continues

Courses

Organik Kimya, Undergraduate, 2023 - 2024

Genel Kimya 2, Undergraduate, 2022 - 2023

GENEL KİMYA, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

GENEL KİMYA , Undergraduate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **LC-MS and NMR Based Plant Metabolomics: A Comprehensive Phytochemical Investigation of *Symphytum anatolicum***
Kılınç H., D'Urso G., Paolillo A., Alankus O., Piacente S., Masullo M.
METABOLITES, vol.13, no.10, pp.1051-1065, 2023 (SCI-Expanded)
- II. **Scabiosa atropurpurea: A rich source of iridoids with α -glucosidase inhibitory activity evaluated by in vitro and in silico studies**
Kılınç H., Masullo M., Lauro G., D'Urso G., Alankus O., Bifulco G., Piacente S.
Phytochemistry, vol.205, 2023 (SCI-Expanded)
- III. **Garcinia mangostana L. fruits and derived food supplements: identification and quantitative determination of bioactive xanthenes by NMR analysis**
Masullo M., Cerulli A., Cannavacciuolo C., Kılınç H., Pizza C., Piacente S.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.218, pp.1-8, 2022 (SCI-Expanded)
- IV. **Phytochemical investigation of Scabiosa sicula guided by a preliminary HPLC-ESIMSⁿ profiling**
KILINÇ H., Masullo M., D'Urso G., KARAYILDIRIM T., Alankus O., Piacente S.
PHYTOCHEMISTRY, vol.174, 2020 (SCI-Expanded)
- V. **Chemical constituents of Silene montbretiana**
Kılınç H., Masullo M., Bottone A., Karayıldırım T., Alankuş Ö., Piacente S.
NATURAL PRODUCT RESEARCH, vol.33, no.3, pp.335-339, 2019 (SCI-Expanded)
- VI. **Triterpene saponins from Cyclamen hederifolium**
Altunkeyik H., Gülcemal D., Masullo M., Alankus-Caliskan O., Piacente S., Karayıldırım T.
PHYTOCHEMISTRY, vol.73, pp.127-133, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Isolation and characterization of secondary metabolites from apolar fraction of Scabiosa sicula and evaluation of their antioxidant activities**
KILINÇ H.
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.11, no.3, pp.934-942, 2021 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Türkiye’de yetişen Scabiosa türlerinin fitokimyasal açıdan incelenmesi**
KILINÇ H.
International Eurasian Conference on Biotechnology and Biochemistry (BioTechBioChem 2020), 16 - 18 December 2020
- II. **Identification and quantitative analysis of xanthenes in mangosteen (G. mangostana) and derived food supplements by 1H NMR spectroscopy**
Cerulli A., MASULLO M., Cannavacciuolo C., KILINÇ H., PIACENTE S.
115° Congresso della Società Botanica Italiana, Italy, 9 - 11 September 2020
- III. **Scabiosa sicula L.: phytochemical investigation and evaluation of its biological activities**
DURSO G., KILINÇ H., MASULLO M., KARAYILDIRIM T., ALANKUŞ Ö., PIACENTE S.

115° Congresso della Società Botanica Italiana, Italy, 9 - 11 September 2020

- IV. **Isolation and characterization of *Scabiosa atropurpurea***
KILINÇ H.
Ege Zirvesi 1. Uygulamalı Bilimler Kongresi, 08 March 2020
- V. **Phytochemical studies on *Scabiosa sicula* dichloromethane extract**
KILINÇ H.
International Aegean Symposiums, 15 - 16 February 2020
- VI. **The new steroids from *Silene montbretiana***
KILINÇ H., MASULLO M., KARAYILDIRIM T., PIACENTE S., ALANKUŞ Ö.
Medicinal Chemistry and Drug Design, 7 - 08 June 2017
- VII. ***Minuartia juressi* subsp. *juressi*'nin Fitokimyasal İçeriğinin İncelenmesi** Hilal Kılınç, Milena Masullo, Tamer Karayıldırım, Sonia Piacente, Özgen Alankuş
KILINÇ H., MASULLO M., KARAYILDIRIM T., PIACENTE S., ALANKUŞ Ö.
3. ulusal organik kimya kongresi, Turkey, 5 - 08 September 2016
- VIII. **PHYTOCHEMICAL INVESTIGATIONS OF *CYCLAMEN HEDERIFOLIUM***
ALTUNKEYİK H., KARAYILDIRIM T., GÜLCEMAL D., ALANKUŞ Ö.
international symposium on pharmaceutical sciences, 25 - 27 June 2008

Supported Projects

İnaner H., Büçkün Z., Kılınç H., Project Supported by Higher Education Institutions, Organik Kimya Laboratuvarı Alt Yapı Projesi, 2016 - 2018

Alankuş Ö., Kılınç H., TUBITAK Project, Bazı Caryophyllaceae Bitkilerinden Sekonder Metabolitlerin İzolasyonu Saflandırılması Yapılarının Belirlenmesi ve İzole Edilen Bileşiklerin Sitotoksik Aktivitelerinin İncelenmesi, 2014 - 2018
KILINÇ H., Project Supported by Higher Education Institutions, bazı caryophyllaceae taksonlarının fitokimyasal analizi, 2012 - 2015

KILINÇ H., Project Supported by Higher Education Institutions, *Cyclamen hederifolium* dan Saponinlerin İzolasyonu ve Karakterizasyonu, 2009 - 2010

Activities in Scientific Journals

Open Journal of Chemistry , Publication Committee Member, 2023 - Continues

Scientific Refereeing

International Journal of Clinical Virology , Journal Indexed in ESCI, June 2024
Journal of Biomedical Research & Environmental Sciences, Journal Indexed in ESCI, May 2024
Journal of Biomedical Research & Environmental Sciences, Journal Indexed in ESCI, May 2024
Journal of Cardiology and Cardiovascular Medicine, Journal Indexed in ESCI, May 2024
Archives of Surgery and Clinical Research, Journal Indexed in ESCI, May 2024
Journal of Cardiology and Cardiovascular Medicine, Journal Indexed in ESCI, May 2024
Archives of Case Reports, Journal Indexed in ESCI, May 2024
NATURAL PRODUCT COMMUNICATIONS, Journal Indexed in SCI-E, March 2024
Journal of Stem Cell Therapy and Transplantation, Journal Indexed in ESCI, December 2023
Journal of Plant Science and Phytopathology, Journal Indexed in ESCI, December 2023
Journal of Novel Physiotherapy and Rehabilitation, Journal Indexed in ESCI, December 2023
Journal of Hematology and Clinical Research, Journal Indexed in ESCI, December 2023
International Journal of Agricultural Science and Food Technology, Other Indexed Journal, December 2023

IgMin Research: Advancing knowledge and innovation in STEM, Journal Indexed in ESCI, November 2023
Archives of Food and Nutritional Science, Journal Indexed in SCI-E, November 2023
Journal of Forensic Science and Research, Journal Indexed in ESCI, November 2023
Journal of Forensic Science and Research, Journal Indexed in ESCI, November 2023
Journal of Plant Science and Phytopathology, Journal Indexed in ESCI, October 2023
Journal of Community Medicine and Health Solutions, Other Indexed Journal, October 2023
Archives of Pharmacy and Pharmaceutical Sciences, Journal Indexed in ESCI, October 2023
Archives of Pharmacy and Pharmaceutical Sciences, Journal Indexed in SCI-E, October 2023
Journal of the Turkish Chemical Society, Section A: Chemistry, National Scientific Refreed Journal, August 2023
INTERNATIONAL JOURNAL OF SECONDARY METABOLITE, Other Indexed Journal, February 2023
RECORDS OF NATURAL PRODUCTS, Journal Indexed in SCI-E, September 2021

Metrics

Publication: 15
Citation (WoS): 63
Citation (Scopus): 73
H-Index (WoS): 3
H-Index (Scopus): 2

Scholarships

Isolation, purification and determination of natural compounds from *Scabiosa sicula* , TUBITAK, 2018 - 2019
Bazı Caryophyllaceae Türlerinden Sekonder Metabolitlerin İzolasyonu ve Yapılarının Belirlenmesi, TUBITAK, 2014 - 2015