

Lect. SİBEL KAYMAK

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ankara Yildirim Beyazit University, Halk Saęlığı Enstitüsü, Biyoterapötik Ürünler Araştırma ve Geliştirme, Turkey 2023 - Continues

Postgraduate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Biyomühendislik, Turkey 2021 - 2022

Undergraduate, Manisa Celal Bayar University, Mühendislik, Biyomühendislik, Turkey 2014 - 2020

Foreign Languages

English, C1 Advanced

German, A2 Elementary

Dissertations

Postgraduate, Gypsophila eriocalyx içeren fitoterapötik nanopartiküllerin hazırlanması ve osteoporoz üzerine etkisinin In vitro ve In silico yöntemlerle değerlendirilmesi, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Biyomühendislik, 2022

Research Areas

Biomaterials, Biomolecules, Bioinformatics, Biological Information, Biological Modelling, Biomaterial, Biochemistry

Academic Titles / Tasks

Lecturer, Ankara Yildirim Beyazit University, Halk Saęlığı Enstitüsü, Biyoterapötik Ürünler Araştırma ve Geliştirme, 2024 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Development of phytotherapeutic nanoformulation containing *Gypsophila eriocalyx* and its evaluation as a candidate formulation for osteoporosis treatment on human bone marrow stem cells**
Kaymak S., Kurtur O. B., Gok B., KILINÇ Y., Kecel-Gunduz S., Nath E. Ö., KARTAL M.
Phytochemical Analysis, 2024 (SCI-Expanded)
- II. **A Novel Approach for the Optimal Design of a Biosensor**
Polatoğlu İ., Aydın L., Kaymak S.
ANALYTICAL LETTERS, vol.53, no.9, pp.1-18, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **Analytical Insights into Edible Plant Volatiles: SPME-GC/MS Analysis and Antioxidant/Anticancer Evaluation with In Vitro and In Silico Methods**
Ateş Arslan E., VURAL N., İNAL E. K., KAYMAK S., AKAY M. A., TAŞTEKİN M.
TURK HIJIYEN VE DENEYSEL BIYOLOJİ DERGISI. TURKISH BULLETIN OF HYGIENE AND EXPERIMENTAL BIOLOGY, 2025 (Scopus)
- II. **An overview of leech saliva and cosmetic potential**
Çoruk F., KAYMAK S., AYHAN H., VURAL N., MOLLAHALİLOĞLU S.
Eurasian Journal of Biological and Chemical Sciences, vol.7, no.2, pp.178-185, 2024 (Peer-Reviewed Journal)
- III. **Healing Power of Nature: Effects and Applications of Bee Venom on Health DOGANIN SIFASI: ARI ZEHRJNIN SAGLIK UZERJNDEKJ ETKJLERJ VE UYGULAMALARI**
KAYMAK S., VURAL N., YÜCE O., Mollahaljloglu S.
Uludag Arıcılık Dergisi, vol.24, no.2, pp.386-402, 2024 (Scopus)
- IV. **EXPLORING BEE VENOM VOL ATILES: A PROMISING AVENUE FOR CYSTIC FIBROSIS An Zehri Ucucu Maddelerini Keskfetmek: Kistik Fibrozis icin Umut Veren Bir Cozum**
VURAL N., KAYMAK S., YÜCE O.
Uludag Arıcılık Dergisi, vol.24, no.2, pp.267-284, 2024 (Scopus)
- V. **Bioactive Compounds of *Rosa canina* L. and Their Effect on Tumor Necrosis Factor- α and Interleukin-1 β Activity in Diabetes-Induced Rats**
Yalçınkaya İ. S., AKTAN O., AÇIK L., KULAKSIZ ERKMEN G., VURAL N., KAYMAK S., Ateş Y. C.
Sciences of Pharmacy, vol.3, no.2, pp.77-91, 2024 (Peer-Reviewed Journal)
- VI. **Chemical profiling of essential oils: Investigations into modulating milk production in dairy cows using in silico methods**
Aydın Göze İ., Vural N., Kaymak S.
Sciences of Phytochemistry , vol.3, no.1, pp.27-37, 2024 (Peer-Reviewed Journal)
- VII. **The volatile composition of Turkish propolis with SPME-GCMS and it's in silico anti-inflammatory effects**
Vural N., Kaymak S.
International Journal of Natural and Engineering Sciences , vol.18, pp.55-76, 2024 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Therapeutic Features Of Fermented Foods**
Vural N., Kaymak S.
in: FERMENTED FOODS, Prof. Dr. Rahmi Ertan Anlı, Doç. Dr. Pınar Şanlıbaba, Editor, Nobel Yayınevi, Ankara, pp.319-364, 2024

Refereed Congress / Symposium Publications in Proceedings

- I. **(Synthesis and Characterization of Apitherapeutic Edible Nanoemulsions)**
Erkek A., Vural N., Kaymak S.
8th INTERNATIONAL HALICH CONGRESS ON MULTIDISCIPLINARY SCIENTIFIC RESEARCH , İstanbul, Turkey, 3 - 05 December 2024, pp.41-42
- II. **ANİBA ROSAEDORA (GÜL AĞACI) UÇUCU YAĞINDAN FARKLI NANOEMÜLSİYONLARIN GELİŞTİRİLMESİ VE KARAKTERİZASYONU**
BOZKURT S., KAYMAK S., VURAL N.
4. INTERNATIONAL SELÇUK SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, Konya, Turkey, 24 August 2024
- III. **Bal Arısı Zehiri Uçucu Bileşenlerinin Analizi ve ADMET Özelliklerinin Değerlendirilmesi**
Yıldız M., Bozkurt S., Kaymak S., Vural N.
4th International Symposium of Scientific Research and Innovative Studies, Balıkesir, Turkey, 13 March 2024
- IV. **Pimpinella flabellifolia Uçucu Bileşenlerinin Biyoterapötik Etkisi ve ADMET Özelliklerinin Belirlenmesi**
Bozkurt S., Yıldız M., Kaymak S., Vural N.
4th International Symposium of Scientific Research and Innovative Studies, Balıkesir, Turkey, 13 March 2024, vol.1, pp.0-10
- V. **"Synthesis of phytotherapeutic Gypsophila eriocalyx nanoparticles and evaluation of the effect on Osteoporosis**
Kaymak S., Kürtür O. B., Kılınç Y., Kecel Gündüz S.
International Joint Conference on Engineering, Science and Artificial Intelligence, Bursa, Turkey, 01 July 2022, vol.1, no.1, pp.0-10

Supported Projects

Kılınç Y., Kaymak S., Project Supported by Higher Education Institutions, Gypsophila eriocalyx İçeren Fitoterapötik Nanopartiküllerin Hazırlanması ve Osteoporoz Üzerine Etkisinin In vitro ve In silico Yöntemlerle Değerlendirilmesi, 2022 - 2022

Metrics

Publication: 16
Citation (Scopus): 12
H-Index (Scopus): 1

Non Academic Experience

Other, RIKEN Araştırma Enstitüsü, Biyosistem Dinamiği Araştırma Birimi