

Res. Asst. ŞEVVAL KARACA ARPA

Personal Information

Office Phone: [+90 222 335 0580](tel:+902223350580) Extension: 3640

Email: sevval_karaca@anadolu.edu.tr

Web: <https://avesis.anadolu.edu.tr/sevvalkaraca>

International Researcher IDs

ORCID: 0000-0002-0316-5922

ScopusID: 57368410800

Yoksis Researcher ID: 388947

Education Information

Postgraduate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, BİYOKİMYA ANABİLİM DALI, Turkey 2022 - Continues

Postgraduate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, FARMASOTİK KİMYA ANABİLİM DALI, Turkey 2020 - 2022

Undergraduate, Anadolu University, ECZACILIK FAKÜLTESİ, Turkey 2015 - 2020

Certificates, Courses and Trainings

Health&Medicine, Deney Hayvanları Kullanım Sertifikası, Eskişehir Osmangazi Üniversitesi, 2024

Dissertations

Postgraduate, Yeni benzotiyazol türevlerinin sentezi ve alzheimer hastalığına karşı enzim inhibitör etkilerinin araştırılması, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, FARMASOTİK KİMYA ANABİLİM DALI, 2022

Research Areas

Pharmacology and Therapeutics

Academic Titles / Tasks

Research Assistant, Anadolu University, ECZACILIK FAKÜLTESİ, TEMEL ECZACILIK BİLİMLERİ BÖLÜMÜ, 2023 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Novel thiadiazol derivatives; design, synthesis, biological activity, molecular docking and molecular dynamics**
OSMANIYE D., Evren A. E., Karaca Ş., ÖZKAY Y., KAPLANCIKLI Z. A.
JOURNAL OF MOLECULAR STRUCTURE, vol.1272, 2023 (SCI-Expanded)

- II. **Synthesis of novel benzothiazole derivatives and investigation of their enzyme inhibitory effects against Alzheimer's disease**
Karaca Ş., Osmaniye D., Sağlık B. N., Levent S., Ilgın S., Özkay Y., Karaburun A. Ç., Kaplancıklı Z. A., Gündoğdu-Karaburun N.
RSC ADVANCES, vol.12, no.36, pp.23626-23636, 2022 (SCI-Expanded)
- III. **Design, synthesis, molecular docking and molecular dynamics studies of novel triazolothiadiazine derivatives containing furan or thiophene rings as anticancer agents**
OSMANİYE D., Karaca Ş., Kurban B., BAYSAL M., Ahmad I., Patel H., ÖZKAY Y., KAPLANCIKLI Z. A.
BIOORGANIC CHEMISTRY, vol.122, 2022 (SCI-Expanded)
- IV. **Design and synthesis of novel chalcone derivatives and evaluation of their inhibitory activities against acetylcholinesterase**
Ceyhun I., Karaca Ş., OSMANİYE D., SAĞLIK B. N., LEVENT S., ÖZKAY Y., KAPLANCIKLI Z. A.
ARCHIV DER PHARMAZIE, vol.355, no.3, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **Comparison of apoptotic effects of lupeol on A549 and C6 cell lines**
Ertorun I., Karaca Arpa Ş., Temel H. E.
European Journal of Life Sciences, vol.3, no.1, pp.21-30, 2024 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **CYTOTOXIC EFFECTS OF VITEXIN IN A549 HUMAN NON-SMALL CELL LUNG CANCER CELLS**
Akalin Çiftçi G., Ertorun I., Hüseyinli A., Karaca Arpa Ş.
8th INTERNATIONAL CONGRESS on APPLIED BIOLOGICAL SCIENCES , Pristine, Kosovo, 13 - 16 September 2023,
pp.41