

Prof. Zühal GÜVENALP

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Kimya, Turkey 1993 - 1999

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Fen Bilimleri Eğitimi (Kimya), Turkey 1990 - 1993

Undergraduate, Ataturk University, Fen Fakültesi, Kimya Bölümü, Turkey 1978 - 1982

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, *Centranthus longiflorus* Stev subsp. *longiflorus* bitkisi üzerinde fitokimyasal arařtırmalar , Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Fen Bilimler Eğitimi Anabilim Dalı, 1999

Postgraduate, *Artemisia austriaca* Jacq ve *Artemisia spicigera* C. koch uçucu yağlarının bileşimi, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Fen Bilimleri Eğitimi (Kimya), 1993

Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacognosy

Academic Titles / Tasks

Professor, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2012 - Continues

Associate Professor, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2006 - 2012

Assistant Professor, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 1999 - 2006

Academic and Administrative Experience

Birim Stratejik Plan Komisyonu Üyesi, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2021 - Continues

İntibak ve Muafiyet Komisyonu Üyeliđi, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2021 - Continues

Adaptation/Exemption Committee Member, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2021 - Continues

Performans Değerlendirme Komisyonu Üyesi, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2021 - Continues

Başarı Değerlendirme Komisyonu Başkanı, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2021 - Continues

Program Değerlendirme Kurulu Başkanı, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2021 - Continues

Program Akreditasyonu-Öz Değerlendirme Komisyonu Üyeliği, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2020 - Continues

Birim Kalite Komisyonu Üyesi, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2020 - Continues

Fakülte Kurulu Üyesi, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2020 - Continues

Manager of Research and Application Center, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2020 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Başkanı, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2019 - Continues

Fakülte Yönetim Kurulu Üyesi, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2019 - Continues

Head of Department, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2018 - Continues

Ethics Committee Member, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2017 - Continues

Eğitim ve Müfredat Kurulu üyesi, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2016 - Continues

Head of Department, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2011 - Continues

Fakülte Akademik Kurul Üyesi, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 1999 - Continues

Rectorate Commissioner, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2019 - 2022

Performans Değerlendirme Komisyonu Başkanı, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2020 - 2021

Dean, Ataturk University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2015 - 2016

Courses

Araştırma Projesi I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Araştırma Projesi II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Biyolojik Asıllı İlaç Hammaddeleri Üretimi, Doctorate, 2023 - 2024

Akademik Eczacılık, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Farmakognozi I Lab, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Farmakognozi II, Undergraduate, 2022 - 2023, 2020 - 2021, 2019 - 2020, 2018 - 2019

Farmakognozi I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Fitofarmasi ve Uygulamaları, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Farmakope ve Monograflarda Doğal Ürünler, Doctorate, 2022 - 2023

Farmakognozik Yöntemler I, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Farmakognozi III Lab, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Farmakognozi II Lab, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Fitokimyasal Analiz II, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Farmakognozi IV Lab, Undergraduate, 2021 - 2022, 2019 - 2020

Fitoterapi, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Farmakognozi III, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Fitokimyasal Analiz I, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Toz Drog Analizi, Postgraduate, 2020 - 2021, 2019 - 2020

Farmakognozi IV, Undergraduate, 2018 - 2019

Advising Theses

- Güvenalp Z., *Viburnum opulus* ve *Viburnum lantana*'nın farklı kısımlarının antidiyabetik ve antioksidan etkilerinin araştırılması, Postgraduate, Z.EFFATPARVAR(Student), 2023
- Güvenalp Z., *Vicia canescens* subsp. *variegata* ve *vicia erzurumica* ekstrelerinin hücre kültürü ortamlarında ve deneysel parkinson modeli oluşturulmuş sıçanlarda etkilerinin araştırılması, etkiden sorumlu maddelerin izolasyonu ve yapı tayini, Doctorate, B.AYDIN(Student), 2022
- Güvenalp Z., *Astragalus globosus* Vahl ve *Astragalus breviflorus* DC. Türleri Üzerinde Farmakognozik Araştırmalar, Doctorate, B.KALAYCI(Student), 2022
- Güvenalp Z., *Heptaptera triquetra* (VENT.) tutin üzerinde farmakognozik araştırmalar, Doctorate, A.ÇİÇEK(Student), 2022
- Güvenalp Z., *Paeonia mascula* L. ve *Polygonum cognatum* Meissn. Bitki Ekstrelerinin Antidiyabetik ve Antioksidan Etkilerinin Değerlendirilmesi, Etkiden Sorumlu Maddelerin İzolasyonu ve Yapı Tayini, Doctorate, S.GÖZCÜ(Student), 2021
- Güvenalp Z., Türkiye florasında yetişen *elaegmus* türleri üzerinde farmakognozik araştırmalar, Doctorate, H.YUCA(Student), 2020
- Güvenalp Z., Bazı *Achillea* türleri üzerinde farmakognozik araştırmalar, Doctorate, H.GÖKBEN(Student), 2015
- Güvenalp Z., *Pimpinella* türleri üzerinde farmakognozik araştırmalar, Doctorate, H.ÖZBEK(Student), 2012
- Güvenalp Z., *Nepeta heliotropifolia* Lam. (Labiatae) üzerinde farmakognozik araştırmalar, Postgraduate, H.ÖZBEK(Student), 2007
- Güvenalp Z., *Wiedemannia orientalis* fisch. & meyer. üzerinde farmakognozik araştırmalar, Postgraduate, T.ÜNSALAR(Student), 2006
- Güvenalp Z., *Galium tortumense* Ehrend. & Shönb.-Tem(Rubiaceae)üzerinde farmakognozik araştırmalar, Postgraduate, N.KILIÇ(Student), 2005

Jury Memberships

- Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, December, 2023
- Post Graduate, Post Graduate, Atatürk Üniversitesi, September, 2023
- Academic Staff Examination, Academic Staff Examination, Atatürk Üniversitesi, August, 2023
- Associate Professor Exam, Associate Professor Exam, İstanbul Üniversitesi, November, 2022
- Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Karadeniz Teknik Üniversitesi, July, 2022
- Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Ağrı İbrahim Çeçen Üniversitesi, June, 2022
- Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Zonguldak Bülent Ecevit Üniversitesi, December, 2021
- Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Atatürk Üniversitesi, August, 2021
- Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Atatürk Üniversitesi, December, 2020
- Appointment to Academic Staff-Professorship, Appointment Academic Staff, Trakya Üniversitesi, December, 2020
- Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Ağrı İbrahim Çeçen Üniversitesi, December, 2020
- Associate Professor Exam, Associate Professor Exam, Atatürk Üniversitesi, October, 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- In Vivo Evidence for the Preventive Role of *Vaccinium macrocarpon* Aiton in Indomethacin-Induced Gastric Ulcer: Focusing on Antioxidant, Anti-Inflammatory and Anti-Apoptotic Mechanisms**
AYDIN İ. Ç., FERAH OKKAY I., OKKAY U., ÖZKARACA M., Yesilyurt F., Yılmaz A., ÇİÇEK B., KARATAŞ Ö., Kalkandelen H.

K., AYDIN B., et al.

Veterinary Medicine and Science, vol.11, no.1, 2025 (SCI-Expanded)

- II. **Semi-quantitative analysis on sea buckthorn phenolic-rich extract coating bone-like open porous NiTi-based alloy**
YUCA H., ŞENOCAK T. Ç., Yiğit O., Albayrak M. G., GÜVENALP Z.
Heliyon, vol.10, no.14, 2024 (SCI-Expanded)
- III. **Phytochemical analysis and biological evaluation of essential oils and extracts from *Heracleum pastinacifolium* subsp. *incanum* (Boiss. & A.Huet) PHDavis, an endemic plant from Turkey**
YUCA H., SEFALI A., AYDIN B., KARADAYI M., Gulsahin Y., YAZICI A., KARAKAYA S., Demirci B., ÇOBAN F., Ozdemir E., et al.
NATURAL PRODUCT RESEARCH, 2024 (SCI-Expanded)
- IV. **Evaluation of antidiabetic and antioxidant effects of *Polygonum cognatum* Meisn. and phytochemical analysis of effective extracts**
Gözcü S., Uğan R. A., Özbek H., Gündoğdu B., Güvenalp Z.
Biomedical Chromatography, vol.38, no.3, 2024 (SCI-Expanded)
- V. **Exploring *Astrodaucus orientalis* (L.) Drude: Phytochemical Analysis and its Biological Potential Against Alzheimer's and Diabetes**
YUCA H., AYDIN B., KARAKAYA S., Goger G., Bingol Z., Civas A., KOCA M., DEMİRCİ B., Sytar O., GÜLÇİN İ., et al.
CHEMISTRY & BIODIVERSITY, vol.21, no.2, 2024 (SCI-Expanded)
- VI. **Phytochemical evaluation via GC-MS and LC-MS/MS: a comprehensive study of antidiabetic, antimicrobial, antioxidant, and genotoxic activities of extracts from endemic species *Centaurea amanicola* Hub.-Mor. and *C. antitauri* Hayek (Asteraceae)**
Nobarirezaeyeh M., YUCA H., AYDIN B., Civaş A., KARAKAYA S., KARADAYI M., DEMİR A. Y., BONA M., YILMAZ B., Göger G., et al.
Natural Product Research, 2024 (SCI-Expanded)
- VII. **Phytochemical Analysis and Evaluation of Genotoxic, Antigenotoxic Effects in Bacterial Models, and Hypoglycemic Activity of *Epilobium angustifolium* L. with Bioguided Isolation of Active Compounds**
Yuca H., Karadayı M., Karakaya S., Civaş A., Tekman E., Güvenalp Z.
CHEMISTRY AND BIODIVERSITY, vol.20, pp.1-17, 2023 (SCI-Expanded)
- VIII. **Phytochemical screening, biological evaluation, anatomical, and morphological investigation of *Ferula tingitana* L. (Apiaceae)**
KARAKAYA S., YUCA H., Yılmaz G., AYDIN B., TEKMAN E., EKŞİ BONA G., BONA M., Göger G., KARADAYI M., Gülşahin Y., et al.
Protoplasma, vol.260, no.6, pp.1581-1601, 2023 (SCI-Expanded)
- IX. **Phytochemical content and enzyme inhibitory effect of *Heptaptera triquetra* (Vent.) Tutin fruit against acetylcholinesterase and carbonic anhydrase I and II isoenzymes**
Çiçek Kaya A., ÖZBEK H., YUCA H., Yılmaz G., Bingöl Z., KAZAZ C., GÜLÇİN İ., GÜVENALP Z.
Chemical Papers, vol.77, no.10, pp.5829-5837, 2023 (SCI-Expanded)
- X. **Antidiabetic and antioxidant properties of *Paeonia mascula* L.: In vitro and in vivo studies, and phytochemical analysis**
Gözcü S., Uğan R. A., Özbek H., Gündoğdu B., Güvenalp Z.
Fitoterapia, vol.170, 2023 (SCI-Expanded)
- XI. **Qualitative and quantitative phytochemicals of essential oils and extracts of *Thymbra spicata* subsp. *spicata* L. as a spice for diabetes mellitus**
Yuca H., Civaş A., Tekman E., Nadiroğlu R., Karakaş Ş., Dürüster Ş., Keçeci E. B., Bona M., Nobarirezaeyeh M., Aydın B., et al.
FLAVOUR AND FRAGRANCE JOURNAL, vol.38, no.5, pp.378-391, 2023 (SCI-Expanded)
- XII. **Anatomical, Morphological, and Chemical Characterizations and Biological Activities of *Gagea taurica* Steven (Liliaceae): A New Record for the Turkish Flora**
YUCA H., KARAKAYA S., EKŞİ BONA G., AYDIN B., Goger G., BONA M., Tekman E., ACAR ŞAHİN A., Sytar O., PINAR N.

M., et al.

Chemistry and Biodiversity, vol.20, no.9, 2023 (SCI-Expanded)

- XIII. **Evaluation of cytotoxic and apoptotic effects of the extracts and phenolic compounds of Astragalus globosus Vahl and Astragalus breviflorus DC**
Kalaycı B., Şimşek Özek N., Aysin F., Özbek H., Kazaz C., Önal M., Güvenalp Z.
Saudi Pharmaceutical Journal, vol.31, no.8, 2023 (SCI-Expanded)
- XIV. **The anatomical, morphological features, and biological activity of Scilla siberica subsp. armena (Grossh.) Mordak (Asparagaceae)**
Aydın B., Yuca H., Karakaya S., Bona G. E., Göger G., Tekman E., Şahin A. A., Sytar O., Civas A., Canlı D., et al.
PROTOPLASMA, vol.260, no.2, pp.371-389, 2023 (SCI-Expanded)
- XV. **Investigation on effects of walnut essential oil against glutamate toxicity on cortex neuron and LN405 cancer cell lines, diabetes, and some microorganisms**
Yesilyurt F., Yuca H., Karakaya S., Tekman E., Demirci B., Taghizadehghalehjoughi A., Göger G., Sahinoz M. Z., Nobarirezaeyeh M., Hacimüftüoğlu A., et al.
JOURNAL OF ESSENTIAL OIL RESEARCH, vol.35, no.4, pp.372-381, 2023 (SCI-Expanded)
- XVI. **Short Lecture "Essential oils of Thymus fallax and Thymus migricus from Turkey: Compositions, total phenolic contents, in vitro antidiabetic and antioxidant activities"**
YUCA H., AYDIN B., YILMAZ B., Eren U., GÜVENALP Z.
PLANTA MEDICA, vol.88, no.15, pp.1406, 2022 (SCI-Expanded)
- XVII. **Screening of antimicrobial, antioxidant, antidiabetic activities, anatomical and morphological properties of Colchicum speciosum Steven (Colchicaceae)**
KARAKAYA S., GÖGER G., Bona G. E., YUCA H., Aydın B., TEKMAN E., Sahin A. A., PINAR N. M., GÜVENALP Z.
PROTOPLASMA, vol.259, no.6, pp.1493-1506, 2022 (SCI-Expanded)
- XVIII. **Assessment of the alpha-glucosidase and alpha-amylase inhibitory potential of Paliurus spina-christi Mill. and its terpenic compounds**
YUCA H., ÖZBEK H., DEMİREZER L. Ö., GÜVENALP Z.
MEDICINAL CHEMISTRY RESEARCH, vol.31, no.8, pp.1393-1399, 2022 (SCI-Expanded)
- XIX. **alpha-Glucosidase and alpha-amylase inhibitory potential of main compounds and drug candidates from Elaeagnus rhamnoides (L.) A. Nelson**
YUCA H., ÖZBEK H., DEMİREZER L. Ö., SEVİNDİK H. G., KAZAZ C., GÜVENALP Z.
CHEMICAL PAPERS, vol.76, no.2, pp.913-922, 2022 (SCI-Expanded)
- XX. **Evaluation of anticholinesterase effect of some Epilobium species and quantification of hyperoside by HPLC**
KARAKAYA S., SÜNTAR İ., AYDIN B., Dursunoglu B., GÖZCÜ S., ŞENOL O., BAYRAK B., ÖZBEK H., KOCA M., Ceribasi S., et al.
NATURAL PRODUCT RESEARCH, vol.36, no.5, pp.1296-1299, 2022 (SCI-Expanded)
- XXI. **trans-Tiliroside: A potent α -glucosidase inhibitor from the leaves of Elaeagnus angustifolia L**
Yuca H., Özbek H., Demirezer L. Ö., Kasil H. G., Güvenalp Z.
Phytochemistry, vol.188, 2021 (SCI-Expanded)
- XXII. **Matrix metalloproteinase inhibitor and sunscreen effective compounds from Rumex crispus L.: isolation, identification, bioactivity and molecular docking study**
UZUN M., GÜVENALP Z., KAZAZ C., DEMİREZER L. Ö.
PHYTOCHEMICAL ANALYSIS, vol.31, no.6, pp.818-834, 2020 (SCI-Expanded)
- XXIII. **In vivo bioactivity assessment on Epilobium species: A particular focus on Epilobium angustifolium and its components on enzymes connected with the healing process**
Karakaya S., Suntar I., Yakinci O. F., Sytar O., Ceribasi S., Dursunoglu B., Özbek H., Güvenalp Z.
JOURNAL OF ETHNOPHARMACOLOGY, vol.262, 2020 (SCI-Expanded)
- XXIV. **Inhibitory potential on key enzymes relevant to type II diabetes mellitus and antioxidant properties of the various extracts and phytochemical constituents from Rumex acetosella L**
ÖZENVER N., GÜVENALP Z., Kuruuzum-Uz A., DEMİREZER L. Ö.
JOURNAL OF FOOD BIOCHEMISTRY, vol.44, no.10, 2020 (SCI-Expanded)

- XXV. **Cytotoxic naphthoquinones from *Arnebia densiflora* (Nordm.) Ledeb and determining new apoptosis inducers**
Baran M. Y., GÜVENALP Z., SARAÇOĞLU İ., KAZAZ C., SALİH B., DEMİREZER L. Ö., Kuruuzum-Uz A.
NATURAL PRODUCT RESEARCH, vol.34, no.12, pp.1669-1677, 2020 (SCI-Expanded)
- XXVI. **Antimicrobial activities of extracts and isolated coumarins from the roots of four ferulago species growing in Turkey**
KARAKAYA S., ŞİMŞEK D., ÖZBEK H., GÜVENALP Z., ALTANLAR N., KAZAZ C., KILIÇ C. S.
Iranian Journal of Pharmaceutical Research, vol.18, no.3, pp.1516-1529, 2019 (SCI-Expanded)
- XXVII. **Qualitative and quantitative determination of the effective components of the plants in different herbal slimming products in Turkey by HPLC**
DURSUNOĞLU B., YUCA H., Gözcü S., YILMAZ B., GÜVENALP Z.
TURKISH JOURNAL OF CHEMISTRY, vol.43, pp.825-833, 2019 (SCI-Expanded)
- XXVIII. **Antioxidant and anticholinesterase potential of *Ferulago cassia* with farther bio-guided isolation of active coumarin constituents**
Karakaya S., Koca M., Sytar O., Dursunoğlu B., Özbek H., Duman H., Güvenalp Z., Kılıç C. S.
South African Journal of Botany, vol.121, pp.536-542, 2019 (SCI-Expanded)
- XXIX. **Qualitative and quantitative determination of the effective components of the plants in different herbal slimming products in Turkey by HPLC**
DURSUNOĞLU B., YUCA H., GÖZCÜ S., YILMAZ B., GÜVENALP Z.
Turkish Journal of Chemistry, vol.43, no.3, pp.825-833, 2019 (SCI-Expanded)
- XXX. **Phenylacylated-flavonoids from *Peucedanum chryseum***
GÜRBÜZ P., Baran M. Y., DEMİREZER L. Ö., GÜVENALP Z., Kuruuzum-Uz A.
REVISTA BRASILEIRA DE FARMACOGNOSIA-BRAZILIAN JOURNAL OF PHARMACOGNOSY, vol.28, no.2, pp.228-230, 2018 (SCI-Expanded)
- XXXI. **α -amylase and α -glucosidase inhibitory activities of the extracts and constituents of *ferulago blancheana*, *F. Pachyloba* and *F. Trachycarpa* roots**
KARAKAYA S., ÖZBEK H., GÖZCÜ S., GÜVENALP Z., YUCA H., Duman H., KAZAZ C., Kilic C. S.
Bangladesh Journal of Pharmacology, vol.13, no.1, pp.35-40, 2018 (SCI-Expanded)
- XXXII. **In vitro anticholinesterase activity and molecular docking studies of coumarin derivatives isolated from roots of *Heptaptera cilicica***
ÖZBEK H., GÜVENALP Z., Yilmaz G., YERDELEN K. Ö., KAZAZ C., Demirezer O. L.
MEDICINAL CHEMISTRY RESEARCH, vol.27, no.2, pp.538-545, 2018 (SCI-Expanded)
- XXXIII. **Anticholinesterase activity of extracts and isolated coumarins from roots of *Ferulago blancheana*, *F. Pachyloba*, *F. trachycarpa* and *F. bracteata***
KARAKAYA S., KOCA M., OKUYUCU M. B., KILIÇ C. S., ÖZBEK H., GÜVENALP Z., DUMAN H., KAZAZ C.
Latin American Journal of Pharmacy, vol.37, no.7, pp.1457-1462, 2018 (SCI-Expanded)
- XXXIV. **The α -amylase and α -glucosidase inhibitory activities of the dichloromethane extracts and constituents of *Ferulago bracteata* roots**
Karakaya S., Gözcü S., Güvenalp Z., Özbek H., Yuca H., Dursunoğlu B., Kazaz C., Kilic C. S.
Pharmaceutical Biology, vol.56, pp.18-24, 2018 (SCI-Expanded)
- XXXV. **alpha-Amylase and alpha-glucosidase inhibitory activities of the herbs of *Artemisia dracunculus* L. and its active constituents**
Güvenalp Z., Özbek H., Dursunoğlu B., Yuca H., Gözcü S., Çil Y. M., Kazaz C., Kara K., Demirezer O. L.
MEDICINAL CHEMISTRY RESEARCH, vol.26, pp.3209-3215, 2017 (SCI-Expanded)
- XXXVI. **Active compounds from *Achillea biebersteinii* and determination of their antigenotoxic potentials**
SEVİNDİK H. G., GÜVENALP Z., KARADAYI M., GÜLLÜCE M., DERMİREZER L. O.
PLANTA MEDICA, vol.82, no.1, pp.528, 2017 (SCI-Expanded)
- XXXVII. **Miscellaneous phenolic compounds from *Peucedanum chryseum* (Boiss. Heldr.) Chamberlain.**
GÜRBÜZ P., YÜZBAŞIOĞLU M., DEMİREZER L. Ö., GÜVENALP Z., UZ A.
Planta Medica, 2017 (SCI-Expanded)
- XXXVIII. **Cholinesterase Inhibition and Molecular Docking Studies of Sesquiterpene Coumarin Ethers from**

Heptaptera cilicica

GÜVENALP Z., ÖZBEK H., Yerdelen K. Ö., Yilmaz G., KAZAZ C., DEMİREZER L. Ö.

RECORDS OF NATURAL PRODUCTS, vol.11, no.5, pp.462-467, 2017 (SCI-Expanded)

- XXXIX. **Chemical Composition, Antioxidant and Anticholinesterase Activities of the Essential oil of *Origanum rotundifolium* Boiss. from Turkey**
ÖZBEK H., GÜVENALP Z., Ozek T., SEVİNDİK H. G., YUCA H., YERDELEN K. O., DEMİREZER L. Ö.
RECORDS OF NATURAL PRODUCTS, vol.11, no.5, pp.485-490, 2017 (SCI-Expanded)
- XL. **In vitro α -amylase and α -glucosidase inhibitory activity of extracts and compounds from cultivated *Artemisia dracunculus***
DURSUNOĞLU B., YUCA H., Gözcü S., ÖZBEK H., GÜVENALP Z., DEMİREZER L. O.
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- XLII. **Chemical composition, antioxidant capacity, acetyl- and butyrylcholinesterase inhibitory activities of the essential oil of *Thymus haussknechtii* Velen**
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