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Eğitim Bilgileri

Doktora, Selçuk Üniversitesi, Fen Bilimleri Enstitüsü, --, Türkiye 2013 - 2017

Yüksek Lisans, Selçuk Üniversitesi, Fen Bilimleri Enstitüsü, --, Türkiye 2011 - 2013

Lisans, Selçuk Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, Türkiye 2007 - 2011

Sertifika, Kurs ve Eğitimler

Diğer, Pedagojik Formasyon, Selçuk Üniversitesi, 2012

Araştırma Alanları

Bitki Biyokimyası

Akademik Unvanlar / Görevler

Doç. Dr., Erciyes Üniversitesi, Halil Bayraktar S.H.M.Y.O., Tıbbi Hizmetler ve Teknikler, 2022 - Devam Ediyor

Öğretim Görevlisi, Erciyes Üniversitesi, Halil Bayraktar S.H.M.Y.O., Tıbbi Hizmetler ve Teknikler, 2019 - 2022

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Determination of anticancer activity and biosynthesis of Cu, Zn, and Co hybrid nanoflowers with Tribulus terrestris L. extract**
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- IV. **Novel Perceptions on Chemical Profile and Biopharmaceutical Properties of *Mentha spicata* Extracts: Adding Missing Pieces to the Scientific Puzzle**
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- V. **LC-ESI-MS profiling of *Potentilla norvegica* and evaluation of its biological activities**
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- VI. **New perspectives into the chemical characterization of *Sida acuta* Burm. f. extracts with respect to its anti-cancer, antioxidant and enzyme inhibitory effects**
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- VII. **Chemical characterization, cytotoxic, antioxidant, antimicrobial, and enzyme inhibitory effects of different extracts from one sage (*Salvia ceratophylla* L.) from Turkey: open a new window on industrial purposes**
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RSC ADVANCES, cilt.11, sa.10, ss.5295-5310, 2021 (SCI-Expanded)
- VIII. **Network analysis, chemical characterization, antioxidant and enzyme inhibitory effects of foxglove (*Digitalis cariensis* Boiss. ex Jaub. & Spach): A novel raw material for pharmaceutical applications**
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- IX. **Metabolomics profiling and biological properties of root extracts from two *Asphodelus* species: *A. albus* and *A. aestivus***
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- X. **Phytochemical Characterization and Biological Evaluation of Powdered Fruits and Leaves from *Elaeagnus angustifolia***
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- XI. **A comparative exploration of the phytochemical profiles and bio-pharmaceutical potential of *Helichrysum stoechas* subsp. *barrelieri* extracts obtained via five extraction techniques**
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- XII. **Modern and traditional extraction techniques affect chemical composition and bioactivity of *Tanacetum parthenium* (L.) Sch.Bip**
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- XIII. ***Tamarindus indica* L. Seed: Optimization of Maceration Extraction Recovery of Tannins**
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- XIV. **In-vitro and in-silico anticancer potential of taxoids from *Taxus wallichiana* Zucc**
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- XV. **Optimization of Maceration Conditions for Improving the Extraction of Phenolic Compounds and**

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- XVI. **Biologically active compounds from two members of the Asteraceae family: *Tragopogon dubius* Scop. and *Tussilago farfara* L.**
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- XVII. **In vitro antioxidant and enzyme inhibitory properties of *Rubus caesius* L**
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- XVIII. **LC-MS, NMR fingerprint of *Potentilla argentea* and *Potentilla recta* extracts and their in vitro biopharmaceutical assessment**
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- XIX. **A comparative study of three drying methods on the phenolic profile and biological activities of *Salvia absconditiflora***
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- XX. **Chemical profile, antioxidant, and enzyme inhibitory properties of two *Scutellaria* species: *S-orientalis* L. and *S-salviifolia* Benth**
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- XXI. **Chemical profile, antioxidant properties and enzyme inhibitory effects of the root extracts of selected *Potentilla* species**
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- XXII. **In vitro tyrosinase inhibitory and antioxidant potential of *Consolida orientalis*, *Onosma isaauricum* and *Spartium junceum* from Turkey**
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- XXIII. **Functional constituents of six wild edible *Silene* species: A focus on their phytochemical profiles and bioactive properties**
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- XXIV. **Biological, chemical and in silico fingerprints of *Dianthus calocephalus* Boiss.: A novel source for rutin**
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- XXV. **Insight into the biological properties and phytochemical composition of *Ballota macrodonta* Boiss. et Balansa, - an endemic medicinal plant from Turkey**
Uysal S., Aumeeruddy-Elalfi Z., Zengin G., Aktumsek A., Mocan A., Custodio L., Neng N. R., Nogueira J. M. F., Ciric A., Glamoclija J., et al.
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- XXVI. **In vitro antioxidant, cytotoxicity and chemical profile of different extracts from *Acanthus hirsutus* Boiss used in Anatolian folk medicine**
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- EUROPEAN JOURNAL OF INTEGRATIVE MEDICINE, cilt.17, ss.135-140, 2018 (SCI-Expanded)
- XXVII. **Effects of Orange Leaves Extraction Conditions on Antioxidant and Phenolic Content: Optimization Using Response Surface Methodology**
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- XXVIII. **Novel in vitro and in silico insights of the multi-biological activities and chemical composition of *Bidens tripartita* L.**
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- XXIX. **A comparative in vitro and in silico study of the biological potential and chemical fingerprints of *Dorcycinum pentapyllum* subsp *haussknechtii* using three extraction procedures**
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- XXX. **Optimization of the extraction process of antioxidants from loquat leaves using response surface methodology**
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- XXXI. **Evaluation of antioxidant potential, enzyme inhibition activity and phenolic profile of *Lathyrus cicera* and *Lathyrus digitatus*: Potential sources of bioactive compounds for the food industry**
Llorent-Martinez E. J., Ortega-Barrales P., Zengin G., Mocan A., Simirgiotis M. J., Ceylan R., Uysal S., Aktumsek A.
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- XXXII. **In vitro enzyme inhibitory properties, antioxidant activities, and phytochemical profile of *Potentilla thuringiaca***
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- XXXIII. **Cytotoxic and Enzyme Inhibitory Potential of Two *Potentilla* species (*P-speciosa* L. and *P-reptans* Willd.) and Their Chemical Composition**
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- XXXIV. **Shedding light on the biological and chemical fingerprints of three *Achillea* species (*A-biebersteinii*, *A-millefolium* and *A-teretifolia*)**
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- XXXV. **In vivo and in silico sedative-hypnotic like activity of 7-methyljuglone isolated from *Diospyros lotus* L.**
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- XXXVI. **Traditionally Used *Lathyrus* Species: Phytochemical Composition, Antioxidant Activity, Enzyme Inhibitory Properties, Cytotoxic Effects, and in silico Studies of *L-czeczottianus* and *L-nissolia***
Llorent-Martinez E. J., Zengin G., Cordova M. L. F., Bender O., Atalay A., Ceylan R., Mollica A., Mocan A., Uysal S., Guler G. O., et al.
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- XXXVII. **Identification of phenolic profiles, fatty acid compositions, antioxidant activities, and enzyme inhibition effects of seven wheat cultivars grown in Turkey: A phytochemical approach for their nutritional value**
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- XXXVIII. **Comparative study of biological activities and multicomponent pattern of two wild Turkish species: *Asphodeline anatolica* and *Potentilla speciosa***

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- XXXIX. **Screening of in vitro antioxidant and enzyme inhibitory activities of different extracts from two uninvestigated wild plants: *Centranthus longiflorus* subsp *longiflorus* and *Cerinthe minor* subsp *auriculata***
Zengin G., Nithiyantham S., Locatelli M., Ceylan R., Uysal S., Aktumsek A., Selvi P. K., Maskovic P.
EUROPEAN JOURNAL OF INTEGRATIVE MEDICINE, cilt.8, sa.3, ss.286-292, 2016 (SCI-Expanded)
- XL. **Chemical and biological approaches on nine fruit tree leaves collected from the Mediterranean region of Turkey**
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- XLII. **Essential Oil Composition of an Uninvestigated *Centaurea* Species from Turkey: *Centaurea patula* DC.**
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- XLIII. **Lathyrus aureus and Lathyrus pratensis: characterization of phytochemical profiles by liquid chromatography-mass spectrometry, and evaluation of their enzyme inhibitory and antioxidant activities**
Llorent-Martinez E. J., Ortega-Barrales P., Zengin G., Uysal S., Ceylan R., Guler G. O., Mocan A., Aktumsek A.
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- XLIV. **GC-MS analysis and in vitro antioxidant and enzyme inhibitory activities of essential oil from aerial parts of endemic *Thymus spathulifolius* Hausskn. et Velen**
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- XLV. **A phytochemical study on *Potentilla anatolica*: An endemic Turkish plant**
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- XLVI. **Fatty Acid Composition, Total Sugar Content and Anti-Diabetic Activity of Methanol and Water Extracts of Nine Different Fruit Tree Leaves Collected from Mediterranean Region of Turkey**
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- XLVII. **Phenolic constituent, antioxidative and tyrosinase inhibitory activity of *Ornithogalum narbonense* L. from Turkey: A phytochemical study**
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- XLVIII. **Composition, antioxidant, antimicrobial and enzyme inhibition activities of two *Origanum vulgare* subspecies (subsp *vulgare* and subsp *hirtum*) essential oils**
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- XLIX. **Crepis foetida L. subsp rheadifolia (Bleb.) Celak. as a source of multifunctional agents: Cytotoxic and phytochemical evaluation**
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- L. **Screening of Possible In Vitro Neuroprotective, Skin Care, Antihyperglycemic, and Antioxidative Effects of *Anchusa undulata* L. subsp. *hybrida* (Ten.) Coutinho from Turkey and Its Fatty Acid Profile**
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- LI. **A Comparative fatty acid compositional analysis of different wild species of mushrooms from Turkey**
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- LII. **A comparative study of Bulgarian and Turkish *Asphodeline lutea* root extracts: HPLC-UV profiles, enzyme inhibitory potentials and anti-proliferative activities against MCF-7 and MCF-10A cell lines**

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- LII. **Two Ganoderma species: profiling of phenolic compounds by HPLC-DAD, antioxidant, antimicrobial and inhibitory activities on key enzymes linked to diabetes mellitus, Alzheimer's disease and skin disorders**

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- LIII. **HPLC-DAD analysis of phenolic compounds and antioxidant properties of Asphodeline lutea roots from Bulgaria and Turkey**

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Diğer Dergilerde Yayınlanan Makaleler

- I. **Assessment of antioxidant and enzyme inhibition properties of Myrtus communis L. leaves**
Uysal Ş., Sinan K. I., Zengin G.
INTERNATIONAL JOURNAL OF SECONDARY METABOLITE, cilt.10, sa.2, ss.166-174, 2023 (Scopus)
- II. **Investigation of antioxidant properties, essential oil, and fatty acid composition of *Onobrychis armena* Boiss. & Huet**
Karatas S., Aktumsek A., UYSAL Ş.
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- III. **Comparative Antioxidant Capacity and Enzyme Inhibitory Effect of Extracts from Prunus avium Leaves**
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- IV. **Phillyrea latifolia L. :Biological Properties Screening of Different Extracts**
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- V. **In vitro multiple pharmacological targets of Colutea cilicica Boiss. & Balansa against key enzymes linked to neurodegenerative diseases, diabetes, and hyperpigmentation**
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- VI. **Natural occurring β -peptides: A fascinating world of bioactive molecules**
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- VII. **Seseli tortuosum'un antioksidan aktivitesi ve yağ asidi kompozisyonu**
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- VIII. **Antibacterial, cytotoxicity, and phytotoxicity profiles of three medicinal plants collected from Pakistan**
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- IX. **Enzyme inhibitory effect and antioxidant properties of astragalus lagurus extracts**
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- X. **Antioxidant properties and enzyme inhibitory effects of extracts from Mandragora autumnalis and its fatty acid composition**
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- XI. **Studies on in vitro antioxidant activities of nine different fruit tree leaves collected from Mediterranean region of Turkey**
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Journal of Medicinal Herbs and Ethnomedicine, ss.97-102, 2015 (Hakemli Dergi)
- XII. **Biological activities of three extracts from artedia squamata: A study on antioxidant and enzyme inhibitory potential**
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- XIII. **Phytochemical Characterization of an endemic plant used as foodstuff in Turkey: Centaurea urvillei subsp. stepposa and its antioxidant properties**
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Kitap & Kitap Bölümleri

- I. **Autoimmune Diseases, Immune System and Herbal Medicine**
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