



**CURRICULUM VITAE**

Name and Surname: Cengiz SARIKÜRKÜ  
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Foreign Languages Known (Score and Year): English, B2 Upper Intermediate, 2012

Degree	Department/Program	University	Year
Doctorate	KİMYA (DR)	Manisa Celal Bayar University	2010
Master's Degree	KİMYA (YL) (TEZLİ)	Muğla Sıtkı Koçman University	2004
Bachelor's Degree	KİMYA BÖLÜMÜ	Atatürk University	1997

Master's Thesis Title (abstract attached) and Thesis Supervisor(s):

Marrubium globosum montbret and Aucher ex Bentham subsp. globosum bitkisinin uçucu yağ bileşenlerinin karakterizasyonu ve bazı Marrubium türlerinin antioksidant aktivitelerinin belirlenmesi

Doctoral Thesis/Proficiency Study/Medical Specialization Thesis Title (abstract attached) and Supervisor(s):

Yaygın olarak yetişen bazı orman bitkilerinin (Alkanna tinctoria (L.) Tausch subsp. tinctoria, Thymus longicaulis C. Presl subsp. longicaulis var. longicaulis ve Phlomis bourgaei Boiss.) kimyasal içerik bazında total karakterizasyonu

Position Title	Workplace	Year
Professor Dr.	Afyonkarahisar Health Sciences University	2020-Continues
Associate Professor	Afyonkarahisar Health Sciences University	2019-2020
Associate Professor	Süleyman Demirel University	2013-2019
Assistant Professor	Süleyman Demirel University	2013
Assistant Professor		2012-2013
Research Assistant	Muğla Sıtkı Koçman University	2002-2012
Research Assistant		1999-2002
Expert		1999-2000
Research Assistant	Kafkas University	1999

Supervised Master's Theses:

1. Astragalus stella türünün fitokimyasal analizi üzerine farklı özütleme tekniklerinin etkisinin araştırılması (2025)

Roles in Projects:

1. *Solumum Yolu Enfeksiyonlarına Karşı Doğal Bir Koruyucu Aday: Salvia cedronella Türünün Biyoaktif Bileşenleri ve Sağlık Üzerindeki Potansiyel Etkileri*, Project Supported by Higher Education Institutions, Ünlü Ü. (Executive), Sarıkürkcü C., Doğan H. H., Kargin Solmaz F. Ö., 2025-Continues.
2. *Stachys aleurites Bitkisinin Fitokimyasal Analizi*, Project Supported by Higher Education Institutions, Sarıkürkcü C. (Executive), Kargin Solmaz F. Ö., Tepe B., 2025-Continues.
3. *Bellis annua bitkisinin fitokimyasal açıdan değerlendirilmesi*, Project Supported by Higher Education Institutions, Kargin Solmaz F. Ö. (Executive), Sarıkürkcü C., Tepe B., 2025-Continues.
4. *İndüklenmiş Hücresel Yaşlanmaya Karşı Campanula tomentosa Özütündeki Ana Bileşenlerin Yapı Tabanlı İlaç Tasarımı Yaklaşımıyla Değerlendirilmesi*, Project Supported by Higher Education Institutions, Sarıkürkcü C. (Executive), Erdoğan S. F., İşitez N., Kargin Solmaz F. Ö., Tepe B., İstifli E. S., 2025-Continues.
5. *Stachys bombycina: Fitokimyasal bir çalışma*, Project Supported by Higher Education Institutions, Sarıkürkcü C. (Executive), Kargin Solmaz F. Ö., 2025-2027.
6. *Stachys antalyensis Türünün Biyolojik Aktivitesi*, Project Supported by Higher Education Institutions, Kargin Solmaz F. Ö. (Executive), Sarıkürkcü C., 2025-2027.
7. *Sideritis montana subsp. montana: Fitokimyasal bir araştırma*, Project Supported by Higher Education Institutions, Sarıkürkcü C. (Executive), Kargin Solmaz F. Ö., 2024-2026.
8. *Stachys chamosericea Bitkisinin Fitokimyasal Açısından Değerlendirilmesi*, Project Supported by Higher Education Institutions, Kargin Solmaz F. Ö. (Executive), Sarıkürkcü C., İşitez N., 2024-2026.
9. *Hozan Çiçeği Bitkisinin Antioksidan Kapasitesinin Belirlenmesi*, Project Supported by Higher Education Institutions, Kargin Solmaz F. Ö. (Executive), Sarıkürkcü C., 2024-2026.
10. *Onosma obtusifolia Bitkisinin Antioksidan ve Enzim İnhibisyon Aktivitelerinin Belirlenmesi*, Project Supported by Higher Education Institutions, Becit Kızılkaya M. (Executive), Kargin Solmaz F. Ö., Sarıkürkcü C., 2025-2025.
11. *Curcumin Yüklenmiş Nanogözenekli Camların Ehrlich Ascites Tümör Modeli Üzerinde İn vivo ve İn vitro Olarak Etkilerinin İncelenmesi*, Project Supported by Other Official Institutions, İşitez N., Sarıkürkcü C. (Executive), Çiğerci İ. H., Gülbahçe Mutlu E., Ertuş E. B., Çınar Ş., 2022-2025.
12. *İnsan dermal fibroblast hücrelerinde indüklenmiş yaşlanmaya karşı Salvia cadmica'nın kullanılabilir potansiyelinin değerlendirilmesi ve yapı-tabanlı ilaç tasarımı çalışmaları*, Project Supported by Other Official Institutions, Erdoğan S. F. (Executive), Sarıkürkcü C., İşitez N., İstifli E. S., 2024-2025.
13. *Ergotionin İçeren Doğal İçerikli Yaşlanma Karşıtı Serum Geliştirilmesi*, Project Supported by Higher Education Institutions, Sarıkürkcü C. (Executive), Erdoğan S. F., İşitez N., Kargin Solmaz F. Ö., Kağa E., 2023-2025.
14. *Chenopodium botrys tohumlarının antioksidan potansiyelinin belirlenmesi*, Project Supported by Higher Education Institutions, Sarıkürkcü C., Kırcan B. (Executive), 2023-2024.
15. *Digitalis cariensis bitkisi çözücü özütlerinin antioksidan ve enzim inhibisyon potansiyellerinin belirlenmesi*, Project Supported by Higher Education Institutions, Erdoğan S. F. (Executive), Sarıkürkcü C., Kargin Solmaz F. Ö., 2023-2024.
16. *Papatya (Anthemis chia) çiçeklerinin antioksidan aktivitesinin belirlenmesi*, Project Supported by Higher Education Institutions, Sarıkürkcü C., Kırcan B. (Executive), 2024-2024.
17. *Campanula iconia Bitkisi Üzerine Fitokimyasal Bir Araştırma*, Project Supported by Higher Education Institutions, Sarıkürkcü C., Kırcan B. (Executive), 2023-2024.
18. *Salvia pisidica Bitkisi Özütlerinin LC-MS/MS Analizleri ve Biyolojik Aktivitelerinin Tespit Edilmesi*, Project Supported by Higher Education Institutions, Sarıkürkcü C., Kargin Solmaz F. Ö., Kırcan B. (Executive), 2024-2024.
19. *Salvia pisidica Bitkisi Özütlerinin LC-MS/MS Analizleri ve Biyolojik Aktivitelerinin Tespit Edilmesi*, Project Supported by Higher Education Institutions, Kırcan B. (Executive), Sarıkürkcü C., Kargin Solmaz F. Ö., 2024-2024.
20. *Onosma taurica var. brevifolia Bitkisinin Farklı Özütleme Teknikleriyle Elde Edilen Metanol Özütlerinin Biyolojik Aktivitelerinin Araştırılması*, Project Supported by Higher Education Institutions, Sarıkürkcü C., Tepe B., Kırcan B. (Executive), 2023-2024.

21. *Kaya Andızı (Inula heterolepis) Bitkisi Özütlerinin Radikal Süpürüm ve İndirgeme Gücü Potansiyellerinin Belirlenmesi*, Project Supported by Other Official Institutions, İşitez N. (Executive), Sarıkürkcü C., 2023-2023.
22. *Farklı Yörelere Temin Edilen Allium sativum Örneklerinin Biyolojik Aktivitelerinin Karşılaştırılması*, Project Supported by Higher Education Institutions, İşitez N. (Executive), Sarıkürkcü C., Kargın Solmaz F. Ö., Zengiz G., 2023-2023.
23. *Farklı Yörelere Temin Edilen Allium sativum Örneklerinin Biyolojik Aktivitelerinin Karşılaştırılması*, Project Supported by Other Official Institutions, İşitez N. (Executive), Sarıkürkcü C., 2023-2023.
24. *Dianthus calocephalus bitkisi çözücü özütlerinin biyolojik aktivitelerinin belirlenmesi*, Project Supported by Higher Education Institutions, Sarıkürkcü C., Kırkan B. (Executive), 2023-2023.
25. *Plantago coronopus subsp. commutata bitkisinin biyolojik aktivitelerinin ve kimyasal içeriğinin belirlenmesi*, Project Supported by Higher Education Institutions, Sarıkürkcü C. (Executive), Tepe B., Kırkan B., 2022-2023.
26. *Onosma rostellatum: Farklı Özütleme Teknikleriyle Elde Edilen Metanol Özütlerinin Fitokimyasal Analizi*, Project Supported by Higher Education Institutions, Sarıkürkcü C., Tepe B., Kırkan B. (Executive), 2022-2023.
27. *Yenilebilir Bazı Mantar Örneklerinin Antioksidan Aktivitelerinin Belirlenmesi*, Project Supported by Other Official Institutions, İşitez N. (Executive), Sarıkürkcü C., 2022-2023.

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#### Administrative Duties:

1. Dean - Afyonkarahisar Health Sciences University (2022 - Continues)
2. Head of Main Science/Science Department - Afyonkarahisar Health Sciences University (2019 - Continues)
3. Head of Department - Afyonkarahisar Health Sciences University (2019 - Continues)
4. Head of Department - Süleyman Demirel University (2013 - 2015)
5. Vice Dean - Süleyman Demirel University (2013 - 2015)
6. Head of Main Science/Science Department - Süleyman Demirel University (2013 - 2015)

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#### Awards:

1. 2013 YILI FEN BİLİMLERİ ALANINDA EN İYİ TEZ ÖDÜLÜ (2013)
2. Fakülte Birinciliği (1997)

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## **PUBLICATIONS**

### **A. Articles published in international peer-reviewed journals:**

- A1. Sarıkürkcü C., Şihoğlu A., Kıran B., "LC-ESI-MS/MS-based phytochemical characterization and antioxidant – enzyme inhibitory correlation in *Scutellaria diffusa*", *Spectroscopy Letters*, 2026.
- A2. Sarıkürkcü C., Şihoğlu A., Ceylan O., "Integrated LC–ESI–MS/MS and Chemometric Profiling of *Carduus pycnocephalus* subsp. *albidus* : Linking Phenolic Diversity to Antioxidant and Enzyme Inhibitory Potentials", *Chemistry & Biodiversity*, vol. 23, 2026.
- A3. Karakuş Z., Sarıkürkcü C., "Organ-Specific LC–MS/MS Phenolic Profiling and Multifunctional Antioxidant and Enzyme Inhibitory Activities of *Onosma sintenisii*", *Molecules*, vol. 31, no. 5, pp. 840, 2026.
- A4. İşitez N., Kağa E., Erdoğan S. F., Kargın Solmaz F. Ö., Sarıkürkcü C., "Protective Effects of an Ergothioneine-Rich Serum Against Oxidative Stress-Induced Senescence in Human Dermal Fibroblasts", *ChemistrySelect*, vol. 11, 2026.
- A5. Erdoğan S. F., Sarıkürkcü C., "Development of plant extract-loaded electrospun nanofiber for the prevention of biofilm-associated infections", *Sigma Journal of Engineering and Natural Sciences*, vol. 44, no. 1, pp. 1-16, 2026.
- A6. Erdoğan S. F., İşitez N., Ertuş E. B., Sarıkürkcü C., "Onosma armenum Extract Loaded Mesoporous Silica Nanoparticles for the Prevention of Biofilm-Associated Infections", *ChemistryOpen*, vol. 15, pp. 202500554, 2026.
- A7. Sarıkürkcü C., Erdoğan S. F., Soltanbeği E., Erdal Altıntaş Ö., "LC–ESI–MS/MS Phenolic Profiling and In Vitro Biological Activities of *Astragalus lusitanicus* subsp. *orientalis* Extracts", *ChemistrySelect*, vol. 11, no. 1, 2026.
- A8. Sarıkürkcü C., Kargın Solmaz F. Ö., İşitez N., Erdoğan S. F., "Ultrasound-assisted aqueous extract of *Campanula macrostachya* enhances fibroblast repair via antioxidant and cytokine-modulatory mechanisms", *PROTOPLASMA*, 2026.
- A9. Kargın Solmaz F. Ö., İşitez N., Sarıkürkcü C., Erdoğan S. F., Kırkan B., "Exploring the Pharmacological Potential of *Sideritis stricta* Aqueous Extract: Phytochemical Profiling, Antioxidant, Enzyme Inhibitory, and Anticancer Effects", *ChemistrySelect*, 2026.

- A10.** İşitez N., Erdoğan S. F., Kargin Solmaz F. Ö., Sarıkürkcü C., Kırcan B., Tepe B., "Phytochemical profile and multi-target biological activities of *Sideritis lanata* water extract: antioxidant, enzyme inhibition, and anti-inflammatory potential", *Preparative Biochemistry and Biotechnology*, 2026.
- A11.** Kargin Solmaz F. Ö., Sarıkürkcü C., "Ultrasound-assisted extraction of endemic *Stachys antalyensis*: LC–ESI–MS/MS phenolic profiling and in vitro antioxidant, enzyme-inhibitory, and cytotoxicity evaluation", *Preparative Biochemistry and Biotechnology*, 2026.
- A12.** İşitez N., Erdoğan S. F., Sarıkürkcü C., Kırcan B., Ceylan O., Hartavi A., "Enzyme inhibitory and bioactive potential of ultrasound-assisted water extract from *Sideritis montana* subsp. *montana*: phytochemical profiling and implications for therapeutic applications", *Preparative Biochemistry and Biotechnology*, vol. 56, no. 2, pp. 323-330, 2026.
- A13.** Erdoğan S. F., Kökener N., İstifli E. S., Sarıkürkcü C., "In Vitro and In Silico Evaluation of *Sideritis Pisidica*: Insights into Biological Potential in Melanoma Cancer Cells", *ChemistrySelect*, vol. 10, no. 41, 2025.
- A14.** Hartavi A., Kargin Solmaz F. Ö., Sarıkürkcü C., Tepe B., "Extraction Technique Impacts on Phenolic Profile, Antioxidant Capacity, and Enzyme Inhibition by *Anthemis pseudocotula*", *ChemistrySelect*, vol. 10, no. 37, 2025.
- A15.** Kargin Solmaz F. Ö., Kırcan B., İstifli E. S., Sarıkürkcü C., Tepe B., "Targeted Phenolic Profiling, Antioxidant Activities, and Enzyme Inhibition Potential of *Campanula lyrata* subsp. *lyrata* Extracts With Molecular Docking Insights", *Journal of Food Science*, vol. 90, no. 8, 2025.
- A16.** Sarıkürkcü C., Erdoğan S. F., Tepe B., "Delving into the enzyme inhibitory and antioxidant potential of *Clinopodium vulgare* subsp. *arundanum*: an untapped botanical resource", *Chemical Papers*, vol. 79, no. 7, pp. 4247-4259, 2025.
- A17.** Erdoğan S. F., Sarıkürkcü C., Yılmaz M. A., "Fabrication of the Plant Extract Loaded Antimicrobial Nanofiber for Biofilm Associated Infections", *ChemistrySelect*, vol. 10, no. 7, 2025.
- A18.** Hartavi A., Sarıkürkcü C., Kırcan B., Binzet R., Tepe B., "Chemical Composition, Antioxidant, and Enzyme Inhibitory Activities of *Onosma bulbotrichum* Extracts", *CHEMISTRYSELECT*, vol. 10, no. 6, pp. 12, 2025.
- A19.** Ertaş E., Aygan A., Sarıkürkcü C., İstifli E. S., Tepe B., "Investigation of the chemical composition, antioxidant, and enzyme inhibitory activities of *Ononis natrix* subsp. *natrix*, performance of in silico analyses of its major compounds", *Journal of Molecular Structure*, vol. 1319, pp. 139428, 2025.
- A20.** Gencer G., Sarıkürkcü C., Tepe B., "Unveiling the Phytochemical Diversity and Bioactivity of *Astragalus melanophurius*: A First Report Integrating Experimental and In Silico Approaches", *Pharmaceuticals*, vol. 18, pp. 103, 2025.
- A21.** Aydemir E., Odabaş Köse E., Özkaya Gül S., Korkut A., Kilit A. C., Celep M. E., Yavuz M., Göktürk R. S., Sarıkürkcü C., "Phytochemical and Biological Investigations of Crude Extracts of *Astragalus pisidicus*", *Pharmaceuticals*, vol. 18, pp. 10, 2025.
- A22.** Kargin Solmaz F. Ö., Sarıkürkcü C., İstifli E. S., Tepe B., "Phytochemical profiling and molecular docking analysis of *Micromeria aybalae* essential oil: In vitro and in silico evaluations", *Journal of Essential Oil Bearing Plants*, vol. 28, no. 4, pp. 757-776, 2025.
- A23.** Kırcan B., Sarıkürkcü C., Tepe B., "Phytochemical diversity and bioactivity insights: A first report on antioxidant and enzyme inhibition potential of *Plantago coronopus* subsp. *commutata* extracts", *Food Bioscience*, vol. 63, pp. 105783, 2025.
- A24.** Güldar E., Erdoğan S. F., Sarıkürkcü C., "Exploring the Anticancer, Anti-Inflammatory, and Antibiofilm Efficacy of Endemic *Stachys longiflora*: Insights into the Phytochemical Composition", *ChemistryOpen*, 2025.
- A25.** Kargin Solmaz F. Ö., İşitez N., Sarıkürkcü C., "Ultrasound-assisted extraction of *Stachys chamosericea*: phytochemical profile, antioxidant potentials via RACI analysis, and enzyme inhibitory activities", *Preparative Biochemistry and Biotechnology*, vol. 55, no. 9, pp. 1135-1144, 2025.
- A26.** Sarıkürkcü C., Erdoğan S. F., Yazar T., "Phytochemical analysis and in vitro anti-inflammatory, anticancer activities of *Marrubium lutescens* on melanoma cancer cell line and molecular docking studies", *Journal of Herbal Medicine*, vol. 46, 2024.
- A27.** Özer M. S., Karan R. C., Ceylan O., Sarıkürkcü C., Şihoğlu A., Aboul-soud M. A. M., Ghneim H. K., "Onosma demirizii: Chemical composition, antioxidant and enzyme inhibitory activity", *ChemistrySelect*, vol. 9, 2024.
- A28.** Aydemir E., Odabaş Köse E., Yavuz M., Kilit A. C., Korkut A., Özkaya Gül S., Sarıkürkcü C., Celep M. E., Göktürk R. S., "Phenolic Compound Profiles, Cytotoxic, Antioxidant, Antimicrobial Potentials and Molecular Docking Studies of *Astragalus gymmolobus* Methanolic Extracts", *Plants*, vol. 13, pp. 658, 2024.
- A29.** Cavar Zeljkovic S., Şahinler S. Ş., Sarıkürkcü C., Kırcan B., Binzet R., Tarkowski P., "Exploring the Pharmacological Potential of *Onosma riedliana*: Phenolic Compounds and Their Biological Activities", *Plant Foods for Human Nutrition*, vol. 79, no. 1, pp. 106-112, 2024.
- A30.** İstifli E. S., Okumuş N., Sarıkürkcü C., Eduardo R. K., Netz P. A., Şihoğlu A., "Comparative docking and molecular dynamics studies of molnupiravir (EIDD-2801): implications for novel mechanisms of action on influenza and SARS-CoV-2 protein targets", *Journal of Biomolecular Structure and Dynamics*, vol. 42, no. 15, pp. 8202-8214, 2024.
- A31.** Kırcan B., Sarıkürkcü C., Şihoğlu Tepe A., "Phytochemical Analysis and Biological Evaluation of Two Endemic *Onosma* Species (*Onosma cappadocica* and *O. rutilum*)", *Biointerface Research in Applied Chemistry*, vol. 13, no. 1, pp. 88, 2023.
- A32.** Kırcan B., Sarıkürkcü C., Binzet R., Tepe B., "Two *Onosma* Species (*Onosma microcarpum* and *O. nana*) as an Alternative Source of Multifunctional Agents: Biological and Phytochemical Evaluation", *Biointerface Research in Applied Chemistry*, vol. 13, no. 1, pp. 77, 2023.
- A33.** Radjasagarin A., Balachandraviniyagam E., Sarıkürkcü C., Samidurai J., Kaliyamoorthy A., Selvendiran S., "Nutraceutical assessment of conventional leafy vegetables of South India", *South African Journal of Botany*, vol. 152, pp. 304-312, 2023.

- A34.** Snoussi M., Ahmad I., Aljohani A. M. A., Patel H., Abdulhakeem M. A., Alhazmi Y. S., Tepe B., Adnan M., Sarikürkcü C., Riadh B. vd., "Phytochemical Analysis, Antioxidant, and Antimicrobial Activities of *Ducrosia flabellifolia*: A Combined Experimental and Computational Approaches", *Antioxidants*, vol. 11, no. 11, pp. 2174, 2022.
- A35.** Keskin F., Sarikürkcü C., Demirak A., Akata I., Şihoğlu Tepe A., "Wild mushrooms from Ilgaz Mountain National Park (Western Black Sea, Turkey): element concentrations and their health risk assessment", *Environmental Science and Pollution Research*, vol. 29, pp. 31923-31942, 2022.
- A36.** Sarikürkcü C., Kırkan B., Şahinler S. Ş., Tepe B., "Can *Acanthus spinosus* be used as an alternative antioxidant and enzyme inhibitory agent?", *South African Journal of Botany*, vol. 145, pp. 135-141, 2022.
- A37.** Kırkan B., Sarikürkcü C., Zengin G., "Bioactive constituents, antioxidant effects and enzyme inhibitory properties of two *Onosma* species (*Onosma trapezuntea* and *O. rigidum*)", *South African Journal of Botany*, vol. 145, pp. 142-148, 2022.
- A38.** Cüce M., Demir E., Şihoğlu Tepe A., Sarikürkcü C., "Draba cemileae (Karaer): Phytochemical composition, antioxidant and enzyme inhibitory activity", *South African Journal of Botany*, vol. 145, pp. 170-176, 2022.
- A39.** Tlili N., Sarikürkcü R. T., Özer M. S., Sarikürkcü C., "Liquid Chromatography–Electrospray Ionization Tandem Mass Spectrometry (LC-ESI-MS/MS) Identification of Phytochemicals and the Effects of Solvents on Phenolic Constituents, Antioxidant Capacity, Skin-Whitening and anti-Diabetic Activity of *Onosma mitis*", *Analytical Letters*, vol. 55, no. 1, pp. 32-46, 2022.
- A40.** Sarikürkcü C., Solak M. H., Tarkowskic P., Cavar Zeljkovic S., "Minerals, phenolics, and biological activity of wild edible mushroom, *Morchella steppicola* Zerova", *Natural Product Research*, vol. 36, no. 23, pp. 6101-6105, 2022.
- A41.** Sarikürkcü C., Tlili N., "Onosma inexpectata and Onosma armenum as Novel Sources of Phytochemicals with Determination by High-Performance Liquid Chromatography–Mass Spectrometry (HPLC-MS/MS) with Evaluation of the Antioxidant and Enzyme Inhibitory Capacities", *Analytical Letters*, vol. 55, no. 7, pp. 1068-1079, 2022.
- A42.** İstifli E. S., Netz P. A., Şihoğlu Tepe A., Hüsunet M. T., Sarikürkcü C., Tepe B., "In silico analysis of the interactions of certain flavonoids with the receptor-binding domain of 2019 novel coronavirus and cellular proteases and their pharmacokinetic properties", *Journal of Biomolecular Structure and Dynamics*, vol. 40, no. 6, pp. 2460-2474, 2022.
- A43.** İstifli E. S., Netz P. A., Şihoğlu Tepe A., Sarikürkcü C., Tepe B., "Understanding the molecular interaction of SARS-CoV-2 spike mutants with ACE2 (angiotensin converting enzyme 2)", *Journal of Biomolecular Structure and Dynamics*, vol. 40, no. 23, pp. 12760-12771, 2022.
- A44.** Arumugam R., Sarikürkcü C., Mutlu M., Tepe B., "Sophora alopecuroides var. alopecuroides: Phytochemical composition, antioxidant and enzyme inhibitory activity of the methanolic extract of aerial parts, flowers, leaves, roots, and stems", *South African Journal of Botany*, vol. 143, pp. 282-290, 2021.
- A45.** Sarikürkcü C., Özer M. S., İstifli E. S., Şahinler S. Ş., Tepe B., "Chromatographic profile and antioxidant and enzyme inhibitory activity of *Sideritis leptoclada*: An endemic plant from Turkey", *South African Journal of Botany*, vol. 143, pp. 393-405, 2021.
- A46.** Sarikürkcü C., Ceylan O., Benabdallah A., Tepe B., "Stachys germanica subsp. heldreichii (Boiss.) Hayek: Phytochemical analysis, antioxidant and enzyme inhibitory activities", *South African Journal of Botany*, vol. 143, pp. 291-300, 2021.
- A47.** Baltacı Bozkurt N., Aydoğdu Özdoğan N., Sarikürkcü C., Tepe B., "Onosma gracilis (Trautv.) and *O. oreodoxa* (Boiss. & Heldr.): Phytochemistry, in silico docking, antioxidant and enzyme inhibitory activities", *South African Journal of Botany*, vol. 143, pp. 410-417, 2021.
- A48.** Keskin F., Sarikürkcü C., Akata I., Tepe B., "Element concentration, daily intake of elements, and health risk indices of wild mushrooms collected from Belgrad Forest and Ilgaz Mountain National Park (Turkey)", *Environmental Science and Pollution Research*, vol. 28, pp. 51544-51555, 2021.
- A49.** Liman R., Muddassir Ali M., Ciğerci İ. H., İstifli E. S., Sarikürkcü C., "Cytotoxic and genotoxic evaluation of copper oxychloride through Allium test and molecular docking studies", *Environmental Science and Pollution Research*, vol. 28, pp. 44998-45008, 2021.
- A50.** Sarikürkcü C., Şahinler S. Ş., Özer M. S., Şihoğlu Tepe A., "Nutraceutical extracts from some endemic *Onosma* (*O. circinnata*, *O. bornmuelleri*, and *O. angustissima*) species: LC–ESI-MS/MS–based polyphenol profile, antioxidant and enzyme inhibition activities", *Journal of Food Processing and Preservation*, vol. 45, 2021.
- A51.** Saravanakumar K., Sarikürkcü C., Şahinler S. Ş., Sarikürkcü R. B., Wang M., "Phytochemical composition, antioxidant, and enzyme inhibition activities of methanolic extracts of two endemic *onosma* species", *Plants*, vol. 10, no. 7, pp. 1373, 2021.
- A52.** Keskin F., Sarikürkcü C., Akata I., Tepe B., "Metal concentrations of wild mushroom species collected from Belgrad forest (Istanbul, Turkey) with their health risk assessments", *Environmental Science and Pollution Research*, vol. 28, no. 27, pp. 36193-36204, 2021.
- A53.** Carev I., Sarikürkcü C., "Lc-ms/ms profiles and in vitro biological activities of extracts of an endemic species from turkey: *Stachys cretica* ssp. *anatolica*", *Plants*, vol. 10, no. 6, pp. 1054, 2021.
- A54.** Benabderrahim M. A., Sarikürkcü C., Elfalleh W., Özer M. S., Ceylan O., "Phenolic composition and biological activities of Turkish endemic plant: *Stachys cretica* subsp. *kutahyensis*", *South African Journal of Botany*, vol. 138, pp. 124-128, 2021.
- A55.** Arumugam R., Sarikürkcü C., Özer M. S., "Comparison of methanolic extracts of *Doronicum orientale* and *Echium angustifolium* in terms of chemical composition and antioxidant activities", *Biocatalysis and Agricultural Biotechnology*, vol. 33, pp. 101984, 2021.
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