



CURRICULUM VITAE

Name and Surname: Cengiz SARIKÜRKÜ
Academic Title: Professor Dr.
Work Address:
Email: cengiz.sarikurku@afsu.edu.tr
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 Yüklenebilir 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 Özütleme 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 özütleme 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 Özütleme 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.

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)

Awards:

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

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

- A1. Alshammari M., Sarıkürkcü C., Bardakçı F., Alreshidi M., Adnan M., Badraoui R., Tepe B., "Phytochemical composition, antioxidant potential, and enzyme inhibitory properties of Onosma thuracica extracts: A comparative study of extraction methods", *PLOS One*, vol. 21, no. 6, 2026.
- A2. Alshammari M., Sarıkürkcü C., Bardakçı F., Alreshidi M., Adnan M., Siddiqui A. J., Tepe B., "Extraction-dependent phenolic shifts drive antioxidant and multi-enzyme inhibitory activities of Onosma rechingeri methanolic extracts", *Scientific Reports*, 2026.
- A3. Kırkan B., Sarıkürkcü C., "First report on LC-ESI-MS/MS-Based phenolic profiling and bioactivity of Onosma serpentina extracts", *Spectroscopy Letters*, 2026.
- A4. Kargın Solmaz F. Ö., Sarıkürkcü C., Tepe B., "Integrated Phytochemical Profiling and Multifunctional Bioactivities of Bellis annua Extracts Obtained by Distinct Extraction Techniques", *ChemistryOpen*, vol. 15, 2026.
- A5. Sarıkürkcü C., Şihoğlu A., Kırkan B., "LC-ESI-MS/MS-based phytochemical characterization and antioxidant – enzyme inhibitory correlation in Scutellaria diffusa", *Spectroscopy Letters*, 2026.
- A6. 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.
- A7. 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.
- A8. 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.

- A9.** 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.
- A10.** 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.
- A11.** Sarıkürkcü C., Erdoğan S. F., Soltanbeigi 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.
- A12.** Sarıkürkcü C., Kargin 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.
- A13.** Kargin 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.
- A14.** İşitez N., Erdoğan S. F., Kargin Solmaz F. Ö., Sarıkürkcü C., Kırkan 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.
- A15.** 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.
- A16.** İşitez N., Erdoğan S. F., Sarıkürkcü C., Kırkan 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.
- A17.** 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.
- A18.** 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.
- A19.** Kargin Solmaz F. Ö., Kırkan 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.
- A20.** 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.
- A21.** 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.
- A22.** Hartavi A., Sarıkürkcü C., Kırkan B., Binzet R., Tepe B., "Chemical Composition, Antioxidant, and Enzyme Inhibitory Activities of Onosma bulbotrichum Extracts", *CHEMISTRYSELECT*, vol. 10, no. 6, pp. 12, 2025.
- A23.** 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.
- A24.** Gencer G., Sarıkürkcü C., Tepe B., "Unveiling the Phytochemical Diversity and Bioactivity of Astragalus melanophurrius: A First Report Integrating Experimental and In Silico Approaches", *Pharmaceuticals*, vol. 18, pp. 103, 2025.
- A25.** 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.
- A26.** 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.
- A27.** Kırkan 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.
- A28.** 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.
- A29.** Kargin Solmaz F. O., 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.
- A30.** 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.
- A31.** 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.
- A32.** 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.
- A33.** Cavar Zeljkovic S., Şahinler S. Ş., Sarıkürkcü C., Kırkan 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.

- A34.** 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.
- A35.** Kırkan 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.
- A36.** Kırkan 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.
- A37.** Radjasagarin A., Balachandravinayagam 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.
- A38.** Snoussi M., Ahmad I., Aljohani A. M. A., Patel H., Abdulhakeem M. A., Alhazmi Y. S., Tepe B., Adnan M., Sarıkürkcü 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.
- A39.** Keskin F., Sarıkürkcü 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.
- A40.** Sarıkürkcü 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.
- A41.** Kırkan B., Sarıkürkcü 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.
- A42.** Cüce M., Demir E., Şihoğlu Tepe A., Sarıkürkcü C., "Draba cemeleae (Karaer): Phytochemical composition, antioxidant and enzyme inhibitory activity", *South African Journal of Botany*, vol. 145, pp. 170-176, 2022.
- A43.** Tlili N., Sarıkürkcü R. T., Özer M. S., Sarıkürkcü 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.
- A44.** Sarıkürkcü 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.
- A45.** Sarıkürkcü 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.
- A46.** İstifli E. S., Netz P. A., Şihoğlu Tepe A., Hüsnet M. T., Sarıkürkcü 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.
- A47.** İstifli E. S., Netz P. A., Şihoğlu Tepe A., Sarıkürkcü 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.
- A48.** Arumugam R., Sarıkürkcü 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.
- A49.** Sarıkürkcü 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.
- A50.** Sarıkürkcü 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.
- A51.** Baltacı Bozkurt N., Aydoğdu Özdoğan N., Sarıkürkcü 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.
- A52.** Keskin F., Sarıkürkcü 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.
- A53.** Liman R., Muddassir Ali M., Çiğerci İ. H., İstifli E. S., Sarıkürkcü 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.
- A54.** Sarıkürkcü 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.
- A55.** Saravanakumar K., Sarıkürkcü C., Şahinler S. Ş., Sarıkürkcü 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.
- A56.** Keskin F., Sarıkürkcü 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.

- A57.** 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.
- A58.** 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.
- A59.** 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.
- A60.** Sarikürkcü C., Yıldız D., Akata I., Tepe B., "Evaluation of the metal concentrations of wild mushroom species with their health risk assessments", *Environmental Science and Pollution Research*, vol. 28, no. 17, pp. 21437-21454, 2021.
- A61.** Sarikürkcü C., Sarikürkcü R. T., Tepe B., "Campanula macrostachya: biological activity and identification of phenolics using a liquid chromatography electrospray ionization tandem mass spectrometry system", *Environmental Science and Pollution Research*, vol. 28, no. 17, pp. 21812-21822, 2021.
- A62.** Sarikürkcü C., Akata I., Tepe B., "Metal concentration and health risk assessment of eight *Russula* mushrooms collected from Kizilcahamam-Ankara, Turkey", *Environmental Science and Pollution Research*, vol. 28, pp. 15743-15754, 2021.
- A63.** Tlili N., Sarikürkcü R. T., Ceylan O., Sarikürkcü C., "Onosma polyantha vs. *Onosma mollis*: Analysis of Phenolic Compounds Using Liquid Chromatography–Electrospray Ionization Tandem Mass Spectrometry (LC-ESI-MS/MS) and Assessment of the Antioxidant Activity", *Analytical Letters*, vol. 54, no. 9, pp. 1389-1400, 2021.
- A64.** İstifli E. S., Şihoğlu Tepe A., Netz P. A., Sarikürkcü C., Kılıç İ. H., Tepe B., "Determination of the interaction between the receptor binding domain of 2019-ncov spike protein, tmprss2, cathepsin b and cathepsin l, and glycosidic and aglycon forms of some flavonols", *TURKISH JOURNAL OF BIOLOGY*, vol. 45, pp. 502-502, 2021.
- A65.** Sarikürkcü C., Cosmo A. J., Özer M. S., Marcos F. D., Ceylan O., Oliveira D. S., Douglas M. C., "LC-MS/MS profiles and interrelationships between the enzyme inhibition activity, total phenolic content and antioxidant potential of *Micromeria nervosa* extracts", *Food Chemistry*, vol. 328, pp. 126930, 2020.
- A66.** Sarikürkcü C., Şahinler S. Ş., Ceylan O., Tepe B., "Onosma pulchra: Phytochemical composition, antioxidant, skin-whitening and anti-diabetic activity", *Industrial Crops and Products*, vol. 154, no. 112632, 2020.
- A67.** Sarikürkcü C., Şahinler S. Ş., Ceylan O., Tepe B., "Onosma ambigens: Phytochemical composition, antioxidant and enzyme inhibitory activity", *Industrial Crops and Products*, vol. 154, pp. 112651, 2020.
- A68.** Sarikürkcü C., Şahinler S. Ş., Hüsnet M. T., İstifli E. S., Tepe B., "Two endemic *Onosma* species (*O. sieheana* and *O. stenoloba*): A comparative study including docking data on biological activity and phenolic composition", *Industrial Crops and Products*, vol. 154, pp. 112656, 2020.
- A69.** Sarikürkcü C., Şahinler S. Ş., Tepe B., "Onosma aucheriana, *O. frutescens*, and *O. sericea*: Phytochemical profiling and biological activity", *Industrial Crops and Products*, vol. 154, pp. 112633, 2020.
- A70.** Sarikürkcü C., "Anthemis chia: Biological capacity and phytochemistry", *Industrial Crops and Products*, vol. 153, pp. 112578, 2020.
- A71.** Sarikürkcü C., Özer M. S., Tlili N., "Comparison of the Influence of the Solvent on the Extraction of the Bioactive Compounds from *Marrubium lutescens* Using Liquid Chromatography–Electrospray Ionization Tandem Mass Spectrometry (LC-ESI-MS/MS)", *Analytical Letters*, vol. 53, no. 14, pp. 2222-2234, 2020.
- A72.** Sarikürkcü C., Sarikürkcü R. T., Akata I., Tepe B., "Metal concentration and health risk assessment of fifteen wild mushrooms collected from the Ankara University Campus (Turkey)", *Environmental Science and Pollution Research*, vol. 27, no. 26, pp. 32474-32480, 2020.
- A73.** Tlili N., Sarikürkcü C., "Bioactive compounds profile, enzyme inhibitory and antioxidant activities of water extracts from five selected medicinal plants", *Industrial Crops and Products*, vol. 151, pp. 112448, 2020.
- A74.** Sarikürkcü C., Şahinler S. Ş., Tepe B., "Astragalus gymnolobus, *A. leporinus* var. *hirsutus*, and *A. onobrychis*: Phytochemical analysis and biological activity", *Industrial Crops and Products*, vol. 150, pp. 112366, 2020.
- A75.** Sarikürkcü C., Zengin G., "Polyphenol profile and biological activity comparisons of different parts of *astragalus macrocephalus* subsp. *finitimus* from Turkey", *Biology*, vol. 9, no. 8, pp. 231, 2020.
- A76.** Sarikürkcü C., Akata I., Güven G., Tepe B., "Metal concentration and health risk assessment of wild mushrooms collected from the Black Sea region of Turkey", *Environmental Science and Pollution Research*, vol. 27, no. 21, pp. 26419-26441, 2020.
- A77.** Sarikürkcü C., Jeszka-skowron M., Özer M. S., "Valeriana dioscoridis aerial parts' extracts - A new source of phytochemicals with antioxidant and enzyme inhibitory activities", *Industrial Crops and Products*, vol. 148, 2020.
- A78.** Bahadori M. B., Sarikürkcü C., Koçak M. S., Calapoğlu M., Üren M. C., Ceylan O., "Plantago lanceolata as a source of health-beneficial phytochemicals: Phenolics profile and antioxidant capacity", *Food Bioscience*, vol. 34, pp. 100536, 2020.
- A79.** Sarikürkcü C., Čavar Zeljkovic S., "Chemical composition and antioxidant activity of *Phlomis leucophracta*, an endemic species from Turkey", *Natural Product Research*, vol. 34, no. 6, pp. 851-854, 2020.
- A80.** Sarikürkcü C., Locatelli M., Tartaglia A., Ferrone V., Juszczak A. M., Özer M. S., Tepe B., Tomczyk M., "Enzyme and biological activities of the water extracts from the plants *aesculus hippocastanum*, *olea europaea* and *hypericum perforatum* that are used as folk remedies in Turkey", *MOLECULES*, vol. 25, no. 5, pp. 1202, 2020.

- A81.** Sarikürkcü C., Popović-djordjević J., Solak M. H., "Wild edible mushrooms from Mediterranean region: Metal concentrations and health risk assessment", *Ecotoxicology and Environmental Safety*, vol. 190, pp. 110058, 2020.
- A82.** Sarikürkcü C., Hanine H., Sarikurkcü R. B., Sarikurkcü R. T., Amarowicz R., "Micromeria myrtifolia: The influence of the extracting solvents on phenolic composition and biological activity", *Industrial Crops and Products*, vol. 145, pp. 111923, 2020.
- A83.** Sarikürkcü C., Locatelli M., Mocan A., Zengin G., Kırkan B., "Phenolic Profile and Bioactivities of *Sideritis perfoliata* L.: The Plant, Its Most Active Extract, and Its Broad Biological Properties", *Frontiers in Pharmacology*, vol. 10, pp. 1642, 2020.
- A84.** Yalçın Ö. Ü., Sarikürkcü C., Cengiz M., Güngör H., Čavar Zeljkovic S., "Ganoderma carnosum and Ganoderma pfeifferi: Metal concentration, phenolic content, and biological activity", *Mycologia*, vol. 112, no. 1, pp. 1-8, 2020.
- A85.** Istifli E. S., Sihoğlu Tepe A., Sarikürkcü C., Tepe B., "Interaction of certain monoterpenoid hydrocarbons with the receptor binding domain of 2019 novel coronavirus (2019-NCOV), transmembrane serine protease 2 (TMPRSS2), cathepsin B, and cathepsin 1 (CATB/1) and their pharmacokinetic properties", *TURKISH JOURNAL OF BIOLOGY*, vol. 44, no. 3, pp. 242-264, 2020.
- A86.** Saravanakumar K., Sarikürkcü C., Sarikurkcü R. T., Wang M., "A comparative study on the phenolic composition, antioxidant and enzyme inhibition activities of two endemic *Onosma* species", *Industrial Crops and Products*, vol. 142, pp. 111878, 2019.
- A87.** Sarikürkcü C., Kakouri E., Sarikurkcü R. T., Tarantilis P. A., "Study on the chemical composition, Enzyme inhibition and antioxidant activity of *Ziziphora taurica* subsp. *cleonioides*", *Applied Sciences-Basel*, vol. 9, no. 24, pp. 5515, 2019.
- A88.** Benabderrahim M. A., Elfalleh W., Sarikürkcü C., Sarikurkcü R. B., "Biological activities and phytochemical composition of organs from *Loranthus europaeus*", *Industrial Crops and Products*, vol. 141, pp. 111772, 2019.
- A89.** Sarikürkcü C., Özer M. S., Tlili N., "LC-ESI-MS/MS characterization of phytochemical and enzyme inhibitory effects of different solvent extract of *Symphytum anatolicum*", *Industrial Crops and Products*, vol. 140, pp. 111666, 2019.
- A90.** Bahadori M. B., Sarikürkcü C., Yalçın Ö. Ü., Cengiz M., Güngör H., "Metal concentration, phenolics profiling, and antioxidant activity of two wild edible *Melanoleuca* mushrooms (*M. cognata* and *M. stridula*)", *Microchemical Journal*, vol. 150, pp. 104172, 2019.
- A91.** Kırkan B., Sarikürkcü C., Amarowicz R., "Composition, and antioxidant and enzyme-inhibition activities, of essential oils from *Satureja thymbra* and *Thymbra spicata* var. *spicata*", *Flavour and Fragrance Journal*, vol. 34, no. 6, pp. 436-442, 2019.
- A92.** Tomczyk M., Ceylan O., Locatelli M., Tartaglia A., Ferrone V., Sarikürkcü C., "Ziziphora taurica subsp. *Taurica*: Analytical characterization and biological activities", *Biomolecules*, vol. 9, no. 8, pp. 367, 2019.
- A93.** Benabderrahim M. A., Sarikürkcü C., Elfalleh W., Özer M. S., "Datura innoxia and *Dipsacus laciniatus*: Biological activity and phenolic composition", *Biocatalysis and Agricultural Biotechnology*, vol. 19, pp. 101163, 2019.
- A94.** Bahadori M. B., Kırkan B., Sarikürkcü C., Ceylan O., "Metabolite profiling and health benefits of *Stachys cretica* subsp. *mersinaea* as a medicinal food", *Industrial Crops and Products*, vol. 131, pp. 85-89, 2019.
- A95.** Popović-djordjević J., Cengiz M., Özer M. S., Sarikürkcü C., "Calamintha incana: Essential oil composition and biological activity", *Industrial Crops and Products*, vol. 128, pp. 162-166, 2019.
- A96.** Tlili N., Kırkan B., Sarikürkcü C., "LC-ESI-MS/MS characterization, antioxidant power and inhibitory effects on α -amylase and tyrosinase of bioactive compounds from hulls of *Amygdalus communis*: The influence of the extracting solvents", *Industrial Crops and Products*, vol. 128, pp. 147-152, 2019.
- A97.** Sarikürkcü C., Eskici M., Karanfil A., Tepe B., "Phenolic profile, enzyme inhibitory and antioxidant activities of two endemic *Nepeta* species: *Nepeta nuda* subsp. *glandulifera* and *N. cadmea*", *South African Journal of Botany*, vol. 120, pp. 298-301, 2019.
- A98.** Sarikürkcü C., Ceylan O., Zeljković S. Č., "Micromeria myrtifolia: Essential oil composition and biological activity", *Natural Product Communications*, vol. 14, no. 6, 2019.
- A99.** Elfalleh W., Kırkan B., Sarikürkcü C., "Antioxidant potential and phenolic composition of extracts from *Stachys tmolea*: An endemic plant from Turkey", *Industrial Crops and Products*, vol. 127, pp. 212-216, 2019.
- A100.** Arumugam R., Kırkan B., Sarikürkcü C., "Phenolic profile, antioxidant and enzyme inhibitory potential of methanolic extracts from different parts of *Astragalus ponticus* Pall.", *South African Journal of Botany*, vol. 120, pp. 268-273, 2019.
- A101.** Bahadori M. B., Kırkan B., Sarikürkcü C., "Phenolic ingredients and therapeutic potential of *Stachys cretica* subsp. *smyrnaea* for the management of oxidative stress, Alzheimer's disease, hyperglycemia, and melasma", *Industrial Crops and Products*, vol. 127, pp. 82-87, 2019.
- A102.** Sarikürkcü C., Ceylan O., Targan S., Čavar Zeljkovic S., "Chemical composition and biological activities of the essential oils of two endemic *Nepeta* species", *Industrial Crops and Products*, vol. 125, pp. 5-8, 2018.
- A103.** Kırkan B., Sarikürkcü C., Özer M. S., Cengiz M., Atılğan N., Ceylan O., Tepe B., "Phenolic profile, antioxidant and enzyme inhibitory potential of *Onosma tauricum* var. *tauricum*", *Industrial Crops and Products*, vol. 125, pp. 549-555, 2018.
- A104.** Sarikürkcü C., Özer M. S., Calli N., Popović-djordjević J., "Essential oil composition and antioxidant activity of endemic *Marrubium parviflorum* subsp. *oligodon*", *Industrial Crops and Products*, vol. 119, pp. 209-213, 2018.
- A105.** Kırkan B., Sarikürkcü C., Copuroglu M., Cengiz M., Tepe B., "Is it possible to use the stalks of *Gossypium hirsutum* L., an important by-product of cotton cultivation, as an alternative source of bioactive components?", *European Food Research and Technology*, vol. 244, no. 6, pp. 1065-1071, 2018.
- A106.** Sarikürkcü C., Kırkan B., Özer M. S., Ceylan O., Atılğan N., Cengiz M., Tepe B., "Chemical characterization and biological activity of *Onosma gigantea* extracts", *Industrial Crops and Products*, vol. 115, pp. 323-329, 2018.

- A107.** Kırkan B., Özer M. S., Sarıkürkcü C., Copuroglu M., Cengiz M., Tepe B., "Can the stalks of Papaver somniferum L. be an alternative source of bioactive components?", *Industrial Crops and Products*, vol. 115, pp. 1-5, 2018.
- A108.** Sarıkürkcü C., Cengiz M., Küçükyumru A., Zengin G., "Determination of antioxidant activities of solvent extracts from an endemic plant: *Phlomis leucophracta*", *Marmara Pharmaceutical Journal*, vol. 22, no. 1, pp. 86-90, 2018.
- A109.** Özer M. S., Kırkan B., Sarıkürkcü C., Cengiz M., Ceylan O., Atılğan N., Tepe B., "Onosma heterophyllum: Phenolic composition, enzyme inhibitory and antioxidant activities", *Industrial Crops and Products*, vol. 111, pp. 179-184, 2018.
- A110.** Özer M. S., Sarıkürkcü C., Ceylan O., Akdeniz I., Tepe B., "A comprehensive study on chemical composition, antioxidant and enzyme inhibition activities of the essential oils of *Chenopodium botrys* collected from three different parts of Turkey", *Industrial Crops and Products*, vol. 107, pp. 326-331, 2017.
- A111.** Koçak M. S., Üren M. C., Calapoğlu M., Sihoğlu Tepe A., Mocan A., Rengasamy K. R., Sarıkürkcü C., "Phenolic profile, antioxidant and enzyme inhibitory activities of *Stachys annua* subsp. *annua* var. *annua*", *South African Journal of Botany*, vol. 113, pp. 128-132, 2017.
- A112.** Zengin G., Nithiyanantham S., Sarıkürkcü C., Uysal Ş., Ceylan R., Ramya K. S., Maskovic P., Aktümsek A., "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", *International Journal of Food Properties*, vol. 20, no. 10, pp. 2373-2382, 2017.
- A113.** Bahadori M. B., Dinparast L., Zengin G., Sarıkürkcü C., Bahadori S., Asghari B., Movahhedini N., "Functional components, antidiabetic, anti-Alzheimer's disease, and antioxidant activities of *Salvia syriaca* L.", *International Journal of Food Properties*, vol. 20, no. 8, pp. 1761-1772, 2017.
- A114.** Sarıkürkcü C., Targan Ş., Özer M. S., Tepe B., "Fatty acid composition, enzyme inhibitory, and antioxidant activities of the ethanol extracts of selected wild edible plants consumed as vegetables in the Aegean region of Turkey", *International Journal of Food Properties*, vol. 20, no. 3, pp. 560-572, 2017.
- A115.** Bahadori M. B., Asghari B., Dinparast L., Zengin G., Sarıkürkcü C., Abbas-mohammadi M., Bahadori S., "Salvia nemorosa L.: A novel source of bioactive agents with functional connections", *LWT*, vol. 75, pp. 42-50, 2017.
- A116.** Zengin G., Üren M. C., Koçak M. S., Güngör H., Locatelli M., Aktümsek A., Sarıkürkcü C., "Antioxidant and enzyme inhibitory activities of extracts from wild mushroom species from Turkey", *International Journal of Medicinal Mushrooms*, vol. 19, no. 4, pp. 327-336, 2017.
- A117.** Movahhedini N., Zengin G., Bahadori M. B., Sarıkürkcü C., Bahadori S., Dinparast L., "Ajuga chamaecistus subsp. *scoparia* (Boiss.) Rech.f.: A new source of phytochemicals for antidiabetic, skin-care, and neuroprotective uses", *Industrial Crops and Products*, vol. 94, pp. 89-96, 2016.
- A118.** Sarıkürkcü C., Cengiz M., Üren M. C., Ceylan O., Örenc T., Tepe B., "Phenolic composition, enzyme inhibitory, and antioxidant activity of *Bituminaria bituminosa*", *Food Science and Biotechnology*, vol. 25, no. 5, pp. 1299-1304, 2016.
- A119.** Sarıkürkcü C., Koçak M. S., Üren M. C., Calapoğlu M., Sihoğlu Tepe A., "Potential sources for the management global health problems and oxidative stress: *Stachys byzantina* and *S. iberica* subsp. *iberica* var. *densipilosa*", *European Journal of Integrative Medicine*, vol. 8, no. 5, pp. 631-637, 2016.
- A120.** Koçak M. S., Sarıkürkcü C., Cengiz M., Kocak S., Üren M. C., Tepe B., "Salvia cadmica: Phenolic composition and biological activity", *Industrial Crops and Products*, vol. 85, pp. 204-212, 2016.
- A121.** Sarıkürkcü C., Koçak M. S., Calapoğlu M., Ocal C., Tepe B., "Biological and phytochemical evaluation: *Pseudevernia furfuracea* as an alternative multifunctional agent", *Journal of Functional Foods*, vol. 24, pp. 11-17, 2016.
- A122.** Sarıkürkcü C., Üren M. C., Koçak M. S., Cengiz M., Tepe B., "Chemical composition, antioxidant, and enzyme inhibitory activities of the essential oils of three *Phlomis* species as well as their fatty acid compositions", *Food Science and Biotechnology*, vol. 25, no. 3, pp. 687-693, 2016.
- A123.** Giziroğlu E., Sarıkürkcü C., Aygün M., Gamze B., Söyleyici H. C., Fırıncı E., Kırkan B., Ayse A., Aydemir M., "Barbiturate bearing aroylhydrazine derivatives: Synthesis, NMR investigations, single crystal X-ray studies and biological activity", *Journal of Molecular Structure*, vol. 1108, pp. 325-333, 2016.
- A124.** Zengin G., Sarıkürkcü C., Aktümsek A., Ceylan R., "Antioxidant Potential and Inhibition of Key Enzymes Linked to Alzheimer s Diseases and Diabetes Mellitus by Monoterpene Rich Essential Oil from *Sideritis galatica* Bornm Endemic to Turkey", *Records of Natural Products*, vol. 10, no. 2, pp. 195-206, 2016.
- A125.** Kılıç İ. H., Sarıkürkcü C., Karagöz I. D., Üren M. C., Koçak M. S., Mustafa C., Tepe B., "A significant by-product of the industrial processing of pistachios: Shell skin - RP-HPLC analysis, and antioxidant and enzyme inhibitory activities of the methanol extracts of *Pistacia vera* L. shell skins cultivated in Gaziantep, Turkey", *RSC Advances*, vol. 6, no. 2, pp. 1203-1209, 2016.
- A126.** Zengin G., Karanfil A., Üren M. C., Koçak M. S., Sarıkürkcü C., Güngör H., Nancy P. C., Mahomoodally M. F., "Phenolic content, antioxidant and enzyme inhibitory capacity of two: *Trametes* species", *RSC Advances*, vol. 6, no. 77, pp. 73351-73357, 2016.
- A127.** Uysal A., Güneş E., Sarıkürkcü C., Çelik H., Üren M. C., "New Prospective Materials for Chemoprevention: Three *Phlomis*", *BRITISH JOURNAL OF PHARMACEUTICAL RESEARCH*, vol. 10, no. 3, pp. 1-13, 2016.
- A128.** Özer M. S., Sarıkürkcü C., Tepe B., "Phenolic composition, antioxidant and enzyme inhibitory activities of ethanol and water extracts of: *Chenopodium botrys*", *RSC Advances*, vol. 6, no. 69, pp. 64986-64992, 2016.
- A129.** Sarıkürkcü C., Üren M. C., Tepe B., Cengiz M., Koçak M. S., Karadağ O., Unal M., "Phlomis armeniaca: Phenolic compounds, enzyme inhibitory and antioxidant activities", *Industrial Crops and Products*, vol. 78, pp. 95-101, 2015.

- A130.** Sarıkürkcü C., Koçak M. S., Tepe B., Üren M. C., "An alternative antioxidative and enzyme inhibitory agent from Turkey: *Robinia pseudoacacia* L.", *Industrial Crops and Products*, vol. 78, pp. 110-115, 2015.
- A131.** Sarıkürkcü C., Özer M. S., Tepe B., Dilek E., Ceylan O., "Phenolic composition, antioxidant and enzyme inhibitory activities of acetone, methanol and water extracts of *Clinopodium vulgare* L. subsp. *vulgare* L.", *Industrial Crops and Products*, vol. 76, pp. 961-966, 2015.
- A132.** Sarıkürkcü C., Tepe B., "Biological activity and phytochemistry of firethorn (*Pyracantha coccinea* M.J. Roemer)", *Journal of Functional Foods*, vol. 19, pp. 669-675, 2015.
- A133.** Zengin G., Sarıkürkcü C., Güneş E., Uysal A., Ceylan R., Uysal S., Güngör H., Aktümsek A., "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", *Food and Function*, vol. 6, no. 8, pp. 2794-2802, 2015.
- A134.** Zengin G., Sarıkürkcü C., Uyar Arpacı P., Aktümsek A., Sengul U., Koçak M. S., Ceylan R., "*Crepis foetida* L. subsp. *rheadifolia* (Bieb.) Celak. as a source of multifunctional agents: Cytotoxic and phytochemical evaluation", *Journal of Functional Foods*, vol. 17, pp. 698-708, 2015.
- A135.** Sarıkürkcü C., Zengin G., Oskay M., Uysal S., Ceylan R., Aktümsek A., Ardıçlı H., "Composition, antioxidant, antimicrobial and enzyme inhibition activities of two *Origanum vulgare* subspecies (subsp. *vulgare* and subsp. *hirtum*) essential oils", *Industrial Crops and Products*, vol. 70, pp. 178-184, 2015.
- A136.** Sarıkürkcü C., Zengin G., Aktümsek A., Ceylan O., Sengul U., "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", *International Journal of Food Properties*, vol. 18, no. 7, pp. 1491-1504, 2015.
- A137.** Sarıkürkcü C., Tepe B., Koçak M. S., Üren M. C., "Metal concentration and antioxidant activity of edible mushrooms from Turkey", *Food Chemistry*, vol. 175, pp. 549-555, 2015.
- A138.** Sevgi K., Tepe B., Sarıkürkcü C., "Antioxidant and DNA damage protection potentials of selected phenolic acids", *Food and Chemical Toxicology*, vol. 77, pp. 12-21, 2015.
- A139.** Zengin G., Sarıkürkcü C., Aktümsek A., Sengul U., Ceylan R., Farooq A., Solak M. H., "A Comparative fatty acid compositional analysis of different wild species of mushrooms from Turkey", *Emirates Journal of Food and Agriculture*, vol. 27, no. 7, pp. 532-536, 2015.
- A140.** Sarıkürkcü C., Üren M. C., Tepe B., Cengiz M., Koçak M. S., "Phenolic content, enzyme inhibitory and antioxidative activity potentials of *Phlomis nissolii* and *P. pungens* var. *pungens*", *Industrial Crops and Products*, vol. 62, pp. 333-340, 2014.
- A141.** Zengin G., Sarıkürkcü C., Aktümsek A., Ceylan R., Ceylan O., "A comprehensive study on phytochemical characterization of *Haplophyllum myrtifolium* Boiss. endemic to Turkey and its inhibitory potential against key enzymes involved in Alzheimer, skin diseases and type II diabetes", *Industrial Crops and Products*, vol. 53, no. 1, pp. 244-251, 2014.
- A142.** Yener H. O., Saygıdeğer S., Sarıkürkcü C., Yumrutaş Ö., "Evaluation of Antioxidant Activities of Essential Oils and Methanol Extracts of *Pinus* Species", *Journal of Essential Oil Bearing Plants*, pp. 1-8, 2014.
- A143.** Zengin G., Sarıkürkcü C., Aktümsek A., Ceylan R., "*Sideritis galatica* Bornm.: A source of multifunctional agents for the management of oxidative damage, Alzheimer's and diabetes mellitus", *Journal of Functional Foods*, vol. 11, pp. 538-547, 2014.
- A144.** Kılıç Çetin S., Acet M., Ekicibil A., Sarıkürkcü C., Kerim K., "Reversibility in the adiabatic temperature-change of Pr 0.73Pb0.27MnO3", *Journal of Alloys and Compounds*, vol. 565, no. 1, pp. 139-143, 2013.
- A145.** Sarıkürkcü C., Özer M. S., Çakır A., Eskici M., Mete E., "GC/MS evaluation and in vitro antioxidant activity of essential oil and solvent extracts of an endemic plant used as folk remedy in Turkey: *Phlomis bourgaei* boiss.", *Evidence-Based Complementary and Alternative Medicine*, vol. 2013, no. 1, pp. 1-7, 2013.
- A146.** Giziroğlu E., Aygün M., Sarıkürkcü C., Didem K., Orhan N., Fırıncı E., Söyleyici H. C., Gökçen C., "Synthesis, characterization and antioxidant activity of new dibasic tridentate ligands: X-ray crystal structures of DMSO adducts of 1,3-dimethyl-5-acetyl-barbituric acid o-hydroxybenzoyl hydrazone copper(II) complex", *Inorganic Chemistry Communications*, vol. 36, no. 1, pp. 199-205, 2013.
- A147.** Sarıkürkcü C., Feryat E., Cengiz M., Tepe B., Çakır A., Mete E., "Screening of the antioxidant activity of the essential oil and methanol extract of *mentha pulegium* L. from Turkey", *Spectroscopy Letters*, vol. 45, no. 5, pp. 352-358, 2012.
- A148.** Sarıkürkcü C., Tepe B., Solak M. H., Çetinkaya S., "Metal Concentrations of Wild Edible Mushrooms from Turkey", *Ecology of Food and Nutrition*, vol. 51, no. 4, pp. 346-363, 2012.
- A149.** Eskici M., Karanfil A., Özer M. S., Sarıkürkcü C., "Reactivity of cyclic sulfamidates towards lithium acetylides: Synthesis of alkynylated amines", *Tetrahedron Letters*, vol. 52, no. 48, pp. 6336-6341, 2011.
- A150.** Sarıkürkcü C., Çopur M., Yıldız D., Akata I., "Metal concentration of wild edible mushrooms in Soguksu National Park in Turkey", *Food Chemistry*, vol. 128, no. 3, pp. 731-734, 2011.
- A151.** Taşarkuyu E., Coşkun A., Irmak A. E., Aktürk S., Ünlü C. G., Samancıoğlu Y., Yücel A., Sarıkürkcü C., Aksoy S., Acet M., "Effect of high temperature sintering on the structural and the magnetic properties of La_{1.4}Ca_{1.6}Mn₂O₇", *Journal of Alloys and Compounds*, vol. 509, no. 9, pp. 3717-3722, 2011.
- A152.** Berk Ş., Tepe B., Arslan S., Sarıkürkcü C., "Screening of the antioxidant antimicrobial and DNA damage protection potentials of the aqueous extract of *Asplenium ceterach* DC", *AFRICAN JOURNAL OF BIOTECHNOLOGY*, vol. 10, no. 44, pp. 8902-8908, 2011.

- A153.** Sarıkürkcü C., "Antioxidant activities of solvent extracts from endemic *Cyclamen mirabile* Hildebr tubers and leaves", *African Journal of Biotechnology*, vol. 10, no. 5, pp. 831-839, 2011.
- A154.** Tepe B., Sarıkürkcü C., Berk Ş., Alim A., Akpulat H. A., "Chemical Composition Radical Scavenging and Antimicrobial Activity of the Essential Oils of *Thymus boveii* and *Thymus hyemalis*", *RECORDS OF NATURAL PRODUCTS*, vol. 5, no. 3, pp. 208-220, 2011.
- A155.** Tepe B., Değerli S., Arslan S., Malatyalı E., Sarıkürkcü C., "Determination of chemical profile, antioxidant, DNA damage protection and antiamebic activities of *Teucrium polium* and *Stachys iberica*", *Fitoterapia*, vol. 82, no. 2, pp. 237-246, 2011.
- A156.** Coşkun A., Ekicibil A., Aslan H., Kılıç Çetin S., Sarıkürkcü C., Kerim K., "Morphological Analyses of Hg₁xHoxBa₂Ca₂Cu₃O₈ y 0 0 X 0 20 Superconductors Fabricated by Sol Gel Technique", *Optoelectronics and Advanced Materials-Rapid Communications*, vol. 4, no. 11, pp. 1756-1762, 2010.
- A157.** Özer M. S., Sarıkürkcü C., Tepe B., Can Ş., "Essential oil composition and antioxidant activities of alkanet (*Alkana tinctoria* subsp. *tinctoria*)", *Food Science and Biotechnology*, vol. 19, no. 5, pp. 1177-1183, 2010.
- A158.** Odabaş Köse E., Deniz İ. G., Sarıkürkcü C., Aktaş Ö., Yavuz M., "Chemical composition, antimicrobial and antioxidant activities of the essential oils of *Sideritis erythrantha* Boiss. and Heldr. (var. *erythrantha* and var. *cedretorum* P.H. Davis) endemic in Turkey", *Food and Chemical Toxicology*, vol. 48, no. 10, pp. 2960-2965, 2010.
- A159.** Odabaş Köse E., Aktaş Ö., Deniz İ. G., Sarıkürkcü C., "Chemical composition antimicrobial and antioxidant activity of essential oil of endemic *Ferula lycia* Boiss", *Journal of Medicinal Plants Research*, vol. 4, no. 17, pp. 1698-1703, 2010.
- A160.** Sarıkürkcü C., Özer M. S., Eskici M., Tepe B., Can Ş., Mete E., "Essential oil composition and antioxidant activity of *Thymus longicaulis* C. Presl subsp. *longicaulis* var. *longicaulis*", *Food and Chemical Toxicology*, vol. 48, no. 7, pp. 1801-1805, 2010.
- A161.** Gürsoy N., Sarıkürkcü C., Tepe B., Solak M. H., "Evaluation of antioxidant activities of 3 edible mushrooms: *Ramaria flava* (Schaef.: Fr.) Quél., *Rhizopogon roseolus* (Corda) T.M. Fries., and *Russula delica* Fr", *Food Science and Biotechnology*, vol. 19, no. 3, pp. 691-696, 2010.
- A162.** Sarıkürkcü C., Tepe B., Deniz K. S., Solak M. H., "Evaluation of metal concentration and antioxidant activity of three edible mushrooms from Muğla, Turkey", *Food and Chemical Toxicology*, vol. 48, no. 5, pp. 1230-1233, 2010.
- A163.** Irmak A. E., Coşkun A., Taşarkuyu E., Aktürk S., Ünlü C. G., Samancıoğlu Y., Sarıkürkcü C., Burak M K., Atila Y., "The influence of the sintering temperature on the structural and the magnetic properties of doped manganites: La_{0.95}Ag_{0.05}MnO₃ and La_{0.75}Ag_{0.25}MnO₃", *Journal of Magnetism and Magnetic Materials*, vol. 322, no. 8, pp. 945-951, 2010.
- A164.** Sarıkürkcü C., Kadir A., Tepe B., Çakır A., Gulsah A., Mete E., "Studies on the antioxidant activity of essential oil and different solvent extracts of *Vitex agnus castus* L. fruits from Turkey", *Food and Chemical Toxicology*, vol. 47, no. 10, pp. 2479-2483, 2009.
- A165.** Gürsoy N., Sarıkürkcü C., Cengiz M., Solak M. H., "Antioxidant activities, metal contents, total phenolics and flavonoids of seven *Morchella* species", *Food and Chemical Toxicology*, vol. 47, no. 9, pp. 2381-2388, 2009.
- A166.** Sarıkürkcü C., Tepe B., Yamaç M., "Evaluation of the antioxidant activity of four edible mushrooms from the Central Anatolia, Eskisehir - Turkey: *Lactarius deterrimus*, *Suillus collitinus*, *Boletus edulis*, *Xerocomus chrysenteron*", *Bioresource Technology*, vol. 99, no. 14, pp. 6651-6655, 2008.
- A167.** Sarıkürkcü C., Tepe B., Dimitra D., Moschos P., Harmandar M., "Studies on the antioxidant activity of the essential oil and methanol extract of *Marrubium globosum* subsp. *globosum* (lamiaceae) by three different chemical assays", *Bioresource Technology*, vol. 99, no. 10, pp. 4239-4246, 2008.
- A168.** Topçu G., Ay M., Bilici A., Sarıkürkcü C., Öztürk M., Ayhan U., "A new flavone from antioxidant extracts of *Pistacia terebinthus*", *Food Chemistry*, vol. 103, no. 3, pp. 816-822, 2007.
- A169.** Yamaç M., Yıldız D., Sarıkürkcü C., Mustafa Ç., Solak M. H., "Heavy metals in some edible mushrooms from the Central Anatolia, Turkey", *Food Chemistry*, vol. 103, no. 2, pp. 263-267, 2007.

B. Papers presented at international scientific meetings and published in proceedings:

- B1.** Karakuş Z., Sarıkürkcü C., ANTIOXIDANT CAPACITY OF THE METHANOLIC EXTRACT OF *STACHYS CRETICA* SUBSP. *ANATOLICA*, In: 7. *INTERNATIONAL ULUDAĞ SCIENTIFIC RESEARCH CONGRESS*, Türkiye, 2025.
- B2.** Karakuş Z., Sarıkürkcü C., EFFECT OF EXTRACTION TECHNIQUES ON YIELD AND ENZYME INHIBITORY ACTIVITIES OF *ONOSMA ERZINCANICA* METHANOL EXTRACTS, In: 7. *INTERNATIONAL ULUDAĞ SCIENTIFIC RESEARCH CONGRESS*, Türkiye, 2025.
- B3.** Kırkan B., Sarıkürkcü C., DETERMINATION OF ANTIOXIDANT ACTIVITY OF *ONOSMA ARMENUM*, In: 3. *INTERNATIONAL AVRASYA SCIENTIFIC RESEARCH AND INNOVATION CONGRESS*, Ankara, Türkiye, 2025.
- B4.** Kargın Solmaz F. Ö., Sarıkürkcü C., BIOACTIVE PROFILE AND ANTIOXIDANT CAPACITY OF *ALKANNA ORIENTALIS* AQUEOUS EXTRACT OBTAINED BY ULTRASONIC METHOD, In: 12. *INTERNATIONAL GÖBEKLİTEPE SCIENTIFIC STUDIES CONGRESS 21 -22 SEPTEMBER 2025*, Türkiye, 2025.
- B5.** Sarıkürkcü C., *ALKANNA TUBULOSA* SU ÖZÜTÜNÜN FENOLİK BİLEŞİK PROFİLİ VE ANTİOKSİDAN AKTİVİTELERİNİN DEĞERLENDİRİLMESİ, In: 11. *Uluslararası Hasankeyf Bilimsel Araştırmalar ve İnovasyon Kongresi 20-21 Eylül 2025*, Batman, Türkiye, 2025.

- B6.** Sarıkürkcü C., Ay M. A., Şık M. F., BAZI MARRUBIUM TÜRLERİNİN SU ÖZÜTLERİNİN ANTİOKSİDAN AKTİVİTELERİNİN FARKLI İN VİTRO TEST SİSTEMLERİYLE DEĞERLENDİRİLMESİ, In: *11. Uluslararası Hasankeyf Bilimsel Araştırmalar ve İnovasyon Kongresi 20-21 Eylül 2025*, Batman, Türkiye, 2025.
- B7.** Sarıkürkcü C., CLADANTHUS MIXTUS ÖZÜTLERİNİN BİYOLOJİK AKTİVİTELERİNİN VE FİTOKİMYASAL İÇERİKLERİNİN ARAŞTIRILMASI, In: *8. Uluslararası Boğaziçi Bilimsel Araştırmalar Kongresi*, İstanbul, Türkiye, 2025, pp. 622-631.
- B8.** Sarıkürkcü C., STACHYS LONGIFLORA BİTKİSİ ÖZÜTLERİNİN ENZİM İNHİBİSYON AKTİVİTELERİ VE BİYOLOJİK POTANSİYELİNİN İNCELENMESİ, In: *8. Uluslararası Boğaziçi Bilimsel Araştırmalar Kongresi 12-13 Eylül 2025*, İstanbul, Türkiye, 2025, pp. 632-637.
- B9.** Kırkan B., Sarıkürkcü C., Investigation Of The Effects Of Extraction Techniques On The Phenolic Content And Antioxidant Activity Of Campanula Iconia, In: *5. INTERNATIONAL TRAKYA SCIENTIFIC RESEARCH CONGRESS*, Edirne, Türkiye, 2024.
- B10.** Kırkan B., Sarıkürkcü C., Determination Of Antioxidant Activity Of Chamomile (Anthemis Chia) Flowers, In: *5. INTERNATIONAL TRAKYA SCIENTIFIC RESEARCH CONGRESS*, Edirne, Türkiye, 2024.
- B11.** İştitez N., Erdoğan S. F., Sarıkürkcü C., Determination of the effect of Echium angustifolium on oxidative stress and inflammation in human dermal fibroblast. Cells, In: *4. INTERNATIONAL SELÇUK SCIENTIFIC RESEARCH CONGRESS*, Konya, Türkiye, 2024, pp. 988-996.
- B12.** Erdoğan S. F., İştitez N., Sarıkürkcü C., EVALUATION OF THE ANTIMICROBIAL ACTIVITY OF ZIZIPHORA TAURICA WATER AND METHANOL EXTRACTS' LOADED NANOLIPOSOMES, In: *4. INTERNATIONAL SELÇUK SCIENTIFIC RESEARCH CONGRESS*, Konya, Türkiye, 2024.
- B13.** İştitez N., Erdoğan S. F., Sarıkürkcü C., DETERMINATION OF THE PROTECTIVE EFFECT OF ASTRAGALUS MACROCEPHALUS SUBSP. FINITIMUS AGAINST OXIDATIVE STRESS ON HYDROGEN PEROXIDE-INDUCED HUMAN DERMAL FIBROBLAST CELLS, In: *4. INTERNATIONAL SELÇUK SCIENTIFIC RESEARCH CONGRESS*, Konya, Türkiye, 2024.
- B14.** Erdoğan S. F., İştitez N., Sarıkürkcü C., Evaluation of the antimicrobial activity of Ziziphora taurica water and methanol extracts loaded nanoliposomes., In: *INTERNATIONAL SELÇUK SCIENTIFIC RESEARCH CONGRESS*, Konya, Türkiye, 2024.
- B15.** İştitez N., Erdoğan S. F., Sarıkürkcü C., Determination of the effect of Echium angustifolium on oxidative stress and inflammation in human dermal fibroblast cells., In: *INTERNATIONAL SELÇUK SCIENTIFIC RESEARCH CONGRESS*, Konya, Türkiye, 2024.
- B16.** İştitez N., Erdoğan S. F., Sarıkürkcü C., Determination of the protective effect of Astragalus macrocephalus subsp. finitimus against oxidative stress of hydrogen peroxide-induced human dermal fibroblast cell., In: *INTERNATIONAL SELÇUK SCIENTIFIC RESEARCH CONGRESS*, Konya, Türkiye, 2024.
- B17.** Sarıkürkcü C., Benzer B. N., INVESTIGATION OF THE EFFECTS OF EXTRACTION TECHNIQUES ON THE PHENOLIC CONTENT AND ANTIOXIDANT ACTIVITY OF ONOSMA MALATYANA, In: *3. INTERNATIONAL ULUDAĞ SCIENTIFIC RESEARCH CONGRESS*, Bursa, Türkiye, 2024.
- B18.** Sarıkürkcü C., İştitez N., DETERMINATION OF ANTIOXIDANT ACTIVITY OF TUBER OLIGOSPERMUM, In: *INTERNATIONAL ULUDAĞ SCIENTIFIC RESEARCH CONGRESS*, Bursa, Türkiye, 2024.
- B19.** Sarıkürkcü C., Şahinler S. Ş., DETERMINATION OF ANTIOXIDANT CAPACITIES OF SOME MARRUBIUM SPECIES, In: *1. INTERNATIONAL ÜSKÜDAR SCIENTIFIC RESEARCH CONGRESS*, İstanbul, Türkiye, 2024.
- B20.** Sarıkürkcü C., PHYTOCHEMICAL EVALUATION OF CENTAURIUM ERYTHRAEA SUBSP. ERYTHRAEA, In: *1. INTERNATIONAL ÜSKÜDAR SCIENTIFIC RESEARCH CONGRESS*, İstanbul, Türkiye, 2024.
- B21.** Kırkan B., Sarıkürkcü C., Demirhan M. N., MODIFICATION OF SILICA GEL WITH DIFFERENT SCHIFF COMPOUNDS AND INVESTIGATION OF THE PARAMETERS OF Th(IV) ION ADSORPTION FROM AQUEOUS SOLUTION, In: *2. INTERNATIONAL BOĞAZIÇI SCIENTIFIC STUDIES CONGRESS*, Türkiye, 2023.
- B22.** Erdoğan S. F., Sarıkürkcü C., Marrubium parviflorum subsp. parviflorum bitki çözücü özütlerinin antioksidan kapasitelerinin tespit edilmesi, In: *3. INTERNATIONAL MEDITERRANEAN SCIENTIFIC RESEARCH AND INNOVATION CONGRESS*, Antalya, Türkiye, 2023.
- B23.** Kargın Solmaz F. Ö., Erdoğan S. F., Sarıkürkcü C., Digitalis cariensis bitkisi çözücü özütlerinin antioksidan ve enzim inhibisyon potansiyellerinin belirlenmesi, In: *5. International Dicle Scientific Research And Innovation Congress*, Türkiye, 2023.
- B24.** Kırkan B., Sarıkürkcü C., Müge Nur D., MODIFICATION OF SILICA GEL WITH DIFFERENT SCHIFF COMPOUNDS AND INVESTIGATION OF THE PARAMETERS OF Th(IV) ION ADSORPTION FROM AQUEOUS SOLUTION, In: *2. INTERNATIONAL BOĞAZIÇI SCIENTIFIC RESEARCH CONGRESS*, İstanbul, Türkiye, 2023.
- B25.** Kargın Solmaz F. Ö., Erdoğan S. F., Sarıkürkcü C., DIGITALIS CARIENSIS BİTKİSİ ÇÖZÜCÜ ÖZÜTLERİNİN ANTİOKSİDAN VE ENZİM İNHİBİSYON POTANSİYELLERİNİN BELİRLENMESİ, In: *5. INTERNATIONAL DİCLE SCIENTIFIC RESEARCH AND INNOVATION CONGRESS*, Diyarbakır, Türkiye, 2023.
- B26.** Kırkan B., Sarıkürkcü C., DIANTHUS CALOCEPHALUS BİTKİSİ ÇÖZÜCÜ ÖZÜTLERİNİN BİYOLOJİK AKTİVİTELERİNİN BELİRLENMESİ, In: *6. INTERNATIONAL SCIENTIFIC RESEARCHES AND INNOVATION CONGRESS*, Türkiye, 2023.
- B27.** Kırkan B., Sarıkürkcü C., DETERMINATION OF BIOLOGICAL ACTIVITIES OF SOLVENT EXTRACTS FROM DIANTHUS CALOCEPHALUS, In: *6. INTERNATIONAL SCIENTIFIC RESEARCHES AND INNOVATION CONGRESS*, Ankara, Türkiye, 2023.

- B28.** Kırkan B., Sarıkürkcü C., DETERMINATION OF ANTIOXIDANT POTENTIAL OF CHENOPODIUM BOTRYS SEEDS, In: 6. *INTERNATIONAL SCIENTIFIC RESEARCHES AND INNOVATION CONGRESS*, Ankara, Türkiye, 2023.
- B29.** Erdoğan S. F., Sarıkürkcü C., DETERMINATION OF ANTIOXIDANT CAPACITY OF SOLVENT EXTRACTS FROM MARRUBIUM PARVIFLORUM SUBSP. PARVIFLORUM, In: 3. *INTERNATIONAL MEDITERRANEAN SCIENTIFIC RESEARCH AND INNOVATION CONGRESS*, Antalya, Türkiye, 2023.
- B30.** İşitez N., Sarıkürkcü C., Determination Of Radical Scavenging And Reducing Power Potentials Of Kaya Andızı (Inula Heterolepis) Extracts, In: 3. *INTERNATIONAL MEDITERRANEAN SCIENTIFIC RESEARCH AND INNOVATION CONGRESS*, Antalya, Türkiye, 2023.
- B31.** Sarıkürkcü C., A PHYTOCHEMICAL STUDY ON SILENE COMPACTA, In: 5. *INTERNATIONAL HASANKEYF SCIENTIFIC RESEARCH AND INNOVATION CONGRESS*, Batman, Türkiye, 2023.
- B32.** Sarıkürkcü C., INVESTIGATION OF ANTIOXIDANT ACTIVITY OF SARIÇÖRDÜK (ECHINOPHORA TENUIFOLIA SUBSP. SIBTHORPIANA), In: 5. *INTERNATIONAL HASANKEYF SCIENTIFIC RESEARCH AND INNOVATION CONGRESS*, Batman, Türkiye, 2023.
- B33.** İşitez N., Sarıkürkcü C., DETERMINATION OF ANTIOXIDANT ACTIVITIES OF SOME EDIBLE MUSHROOM SPECIES, In: 9. *INTERNATIONAL GAP SUMMIT SCIENTIFIC RESEARCH CONGRESS*, Gaziantep, Türkiye, 2022.
- B34.** Keskin F., Sarıkürkcü C., DETERMINATION OF PHENOLIC COMPOUNDS IN LEAF SAMPLES TAKEN FROM A 3200-YEAR-OLD OLIVE TREE, In: *CUKUROVA 8th INTERNATIONAL SCIENTIFIC RESEARCHES CONFERENCE*, Adana, Türkiye, 2022.
- B35.** Demir E., Silah H., Aydoğdu Özdoğan N., Sarıkürkcü C., Açıkçul M. B., Investigation of the Electrochemical Behavior of Rafoxanide by Modified Electrode, In: *3rd International Conference on Food, Agriculture and Veterinary*, İzmir, Türkiye, 2021.
- B36.** Kırkan B., Sarıkürkcü C., Taguchi Optimization Approach for Adsorption of the Hexavalent Chromium onto Cotton (gossypium sp.) Stalks, In: *International Conference on Natural Science and Engineering (ICNASE'16)*, Kilis, Türkiye, 2016.
- B37.** Gizirođlu E., Sarıkürkcü C., Fırını E., Aygün M., Synthesis and Biological Evaluation of Novel Barbituric Acid Hydrazone Derivatives, In: *THE INTERNATIONAL CONFERENCE ON SCIENCE, ECOLOGY AND TECHNOLOGY-I (ICONSETE'2015-Vienna)*, Türkiye, 2015.

D. Articles published in national peer-reviewed journals:

- D1.** Sarıkürkcü C., "Unlocking The Therapeutic Potential of Silene compacta: A Comparative Study of Antioxidant and Enzyme Inhibitory Activities Across Solvent Extracts", *Selçuk Üniversitesi Fen Fakültesi Fen Dergisi*, vol. 51, pp. 7-17, 2025.
- D2.** Kargın Solmaz F. Ö., Sarıkürkcü C., "Ultrasound Assisted Extraction of Phenolic and Flavonoid Compounds from Anthemis cotula: Antioxidant Potential Assessment", *Celal Bayar University Journal of Science*, vol. 21, no. 3, pp. 50-55, 2025.
- D3.** İşitez N., Erdoğan S. F., Sarıkürkcü C., "Salvia cadmica as a potential agent in biofilm-related infection prevention", *International Journal of Secondary Metabolite*, vol. 12, no. 24, pp. 924-934, 2025.
- D4.** Demir E., Aydoğdu Özdoğan N., Sarıkürkcü C., Açıkçul M. B., Silah H., "Developing and Analytical Application of Modified Electrode for the Electrochemical Determination of Rafoxanide Veterinary Drug", *International Bulletin of Electrochemical Methodology*, vol. 1, no. 1, 2024.
- D5.** Sarıkürkcü C., "Unveiling the antioxidant secrets: Phytochemical profiling and bioactive potential of water extracts from Muđla propolis samples", *Celal Bayar Üniversitesi Fen Bilimleri Dergisi*, vol. 20, no. 4, pp. 107-115, 2024.
- D6.** Altıntaş O. E., Erdoğan S. F., Sarıkürkcü C., Sıhođlu A., "Cistus salviifolius: Elucidation of Phytochemical Composition and Biological Activities for Potential Pharmacological Field", *Biointerface Research in Applied Chemistry*, 2024.
- D7.** Özer M. S., Sencan K. E., Sarıkürkcü C., Tepe B., "LC-MS/MS analyses and biological activities of Onosma sintenisii and O. mutabile", *International Journal of Secondary Metabolite*, vol. 9, no. 1, pp. 112-124, 2022.
- D8.** Sarıkürkcü C., Demir E., Özer M. S., Binzet R., "Phytochemistry and biological activity of Onosma rascheyana (Boiss.) extracts", *International Journal of Plant Based Pharmaceuticals*, vol. 2, no. 1, pp. 128-135, 2022.
- D9.** Şahinler S. Ş., Sever Yılmaz B., Sarıkürkcü C., Tepe B., "The importance of Lavandula stoechas L. in pharmacognosy and phytotherapy", *International Journal of Secondary Metabolite*, vol. 9, no. 3, pp. 360-376, 2022.
- D10.** İstifli E. S., Sarıkürkcü C., "Assessment of apigenin-7-glucoside and luteolin-7-glucoside as multitargeted agents against Alzheimer's disease: a molecular docking study", *International Journal of Plant Based Pharmaceuticals*, vol. 1, no. 1, pp. 56-64, 2021.
- D11.** İstifli E. S., Şıhođlu Tepe A., Sarıkürkcü C., Tepe B., "Molecular interactions of some phenolics with 2019-nCoV and related pathway elements", *International Journal of Secondary Metabolite*, vol. 8, no. 3, pp. 246-271, 2021.
- D12.** Kırkan B., Ceylan O., Sarıkürkcü C., Tepe B., "Phenolic profile, antioxidant and enzyme inhibitory activity of the ethyl acetate, methanol and water extracts of capparid spinosa l.", *International Journal of Secondary Metabolite*, vol. 8, no. 3, pp. 337-351, 2021.
- D13.** Sarıkürkcü C., Cengiz M., Çomak Z., Zengin G., Aktümsek A., "İki Ononis Türünün Antioksidan Aktivitelerinin Karşılaştırılması", *SDÜ Fen Bilimleri Enstitüsü Dergisi*, vol. 20, no. 2, 2016.
- D14.** Gizirođlu E., Sarıkürkcü C., Saraç N., Çalta M., Şengür A., "Synthesis and characterization of novel hydrazone based anti-mutagenic and antioxidative agents", *Journal of Applied Pharmaceutical Science*, vol. 5, no. 3, pp. 48-55, 2015.

- D15.** Zengin G., Sarikürkcü C., Aktümsek A., "Phenolic composition of *Anchusa undulata* L subsp *hybrida* Ten Coutinho from Turkey", *Journal of Medicinal Herbs and Ethnomedicine*, vol. 1, no. 1, pp. 1-3, 2015.
- D16.** Sarikürkcü C., Zengin G., Aktümsek A., Ceylan O., Şanda M. A., "Onopordum anatolicum tohumlarının antioksidan aktiviteleri", *Selçuk Üniversitesi Fen Fakültesi Fen Dergisi (SUFED)*, vol. 41, pp. 89-96, 2015.
- D17.** Zengin G., Sarikürkcü C., Aktümsek A., Ceylan O., "Fatty acid composition of flowers of *Crepis foetida* subsp *rhoadifolia* from Turkey", *Journal of Medicinal Herbs and Ethnomedicine*, vol. 1, no. 1, pp. 10-12, 2015.
- D18.** Sarikürkcü C., Zengin G., Aktümsek A., Ceylan O., Parlak Ç., Balcı E., Demirli M., "*Sonchus asper* subsp *glaucescens* Asteraceae in Antioksidan Özellikler", *Selçuk Üniversitesi Fen Fakültesi Fen Dergisi (SUFED)*, vol. 38, pp. 28-37, 2014.