



**ÖZGEÇMİŞ**

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Bildiği Yabancı Diller (Puan ve Yılı): İngilizce, B2 Orta Üstü, 2012

Derece	Bölüm/Program	Üniversite	Yıl
Doktora	KİMYA (DR)	Manisa Celal Bayar Üniversitesi	2010
Yüksek Lisans	KİMYA (YL) (TEZLİ)	Muğla Sıtkı Koçman Üniversitesi	2004
Lisans	KİMYA BÖLÜMÜ	Atatürk Üniversitesi	1997

Yüksek Lisans Tez Başlığı (özeti ekte) ve Tez Danışman(lar):

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

Doktora Tezi/S.Yeterlik Çalışması/Tıpta Uzmanlık Tezi Başlığı (özeti ekte) ve Danışman(lar):

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

Görev Unvanı	Görev Yeri	Yıl
Prof. Dr.	Afyonkarahisar Sağlık Bilimleri Üniversitesi	2020-Devam Ediyor
Doç. Dr.	Afyonkarahisar Sağlık Bilimleri Üniversitesi	2019-2020
Doç. Dr.	Süleyman Demirel Üniversitesi	2013-2019
Dr. Öğr. Üyesi	Süleyman Demirel Üniversitesi	2013
Dr. Öğr. Üyesi		2012-2013
Araştırma Görevlisi	Muğla Sıtkı Koçman Üniversitesi	2002-2012
Araştırma Görevlisi		1999-2002
Uzman		1999-2000
Araştırma Görevlisi	Kafkas Üniversitesi	1999

Yönetilen Yüksek Lisans Tezleri:

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

Projelerde Yaptığı Görevler:

1. Solunum Yolu Enfeksiyonlarına Karşı Doğal Bir Koruyucu Aday: Salvia cedronella Türünün Biyoaktif Bileşenleri ve Sağlık Üzerindeki Potansiyel Etkileri, Yükseköğretim Kurumları Destekli Proje, Ünlü Ü. (Yürütücü), Sarıkürkcü C.,

Dođan H. H., Kargın Solmaz F. Ö., 2025-Devam Ediyor.

2. *Stachys aleurites* Bitkisinin Fitokimyasal Analizi, Yükseköğretim Kurumları Destekli Proje, Sarıkürkcü C. (Yürütücü), Kargın Solmaz F. Ö., Tepe B., 2025-Devam Ediyor.

3. *Bellis annua* bitkisinin fitokimyasal açıdan değerlendirilmesi, Yükseköğretim Kurumları Destekli Proje, Kargın Solmaz F. Ö. (Yürütücü), Sarıkürkcü C., Tepe B., 2025-Devam Ediyor.

4. İndüklenmiş Hücresel Yaşlanmaya Karşı *Campanula tomentosa* Özütündeki Ana Bileşenlerin Yapı Tabanlı İlaç Tasarımı Yaklaşımıyla Değerlendirilmesi, Yükseköğretim Kurumları Destekli Proje, Sarıkürkcü C. (Yürütücü), Erdoğan S. F., İşitez N., Kargın Solmaz F. Ö., Tepe B., İstifli E. S., 2025-Devam Ediyor.

5. *Stachys bombycina*: Fitokimyasal bir çalışma, Yükseköğretim Kurumları Destekli Proje, Sarıkürkcü C. (Yürütücü), Kargın Solmaz F. Ö., 2025-2027.

6. *Stachys antalyensis* Türünün Biyolojik Aktivitesi, Yükseköğretim Kurumları Destekli Proje, Kargın Solmaz F. Ö. (Yürütücü), Sarıkürkcü C., 2025-2027.

7. *Sideritis montana* subsp. *montana*: Fitokimyasal bir araştırma, Yükseköğretim Kurumları Destekli Proje, Sarıkürkcü C. (Yürütücü), Kargın Solmaz F. Ö., 2024-2026.

8. *Stachys chamosericea* Bitkisinin Fitokimyasal Açıdan Değerlendirilmesi, Yükseköğretim Kurumları Destekli Proje, Kargın Solmaz F. Ö. (Yürütücü), Sarıkürkcü C., İşitez N., 2024-2026.

9. *Hozan Çiçeđi* Bitkisinin Antioksidan Kapasitesinin Belirlenmesi, Yükseköğretim Kurumları Destekli Proje, Kargın Solmaz F. Ö. (Yürütücü), Sarıkürkcü C., 2024-2026.

10. *Onosma obtusifolia* Bitkisinin Antioksidan ve Enzim İnhibisyon Aktivitelerinin Belirlenmesi, Yükseköğretim Kurumları Destekli Proje, Becit Kızılkaya M. (Yürütücü), Kargın Solmaz F. Ö., Sarıkürkcü C., 2025-2025.

11. *Curcumin* Yüklenmiş Nanogözenekli Camların Ehrlich Ascites Tümör Modeli Üzerinde *In vivo* ve *In vitro* Olarak Etkilerinin İncelenmesi, Diğer Resmi Kurumlarca Desteklenen Proje, İşitez N., Sarıkürkcü C. (Yürütücü), Çiğerci İ. H., Gülbahçe Mutlu E., Ertuş E. B., Çınar Ş., 2022-2025.

12. İnsan dermal fibroblast hücrelerinde indüklenmiş yaşlanmaya karşı *Salvia cadmica*'nın kullanılabilme potansiyelinin değerlendirilmesi ve yapı-tabanlı ilaç tasarımı çalışmaları, Diğer Resmi Kurumlarca Desteklenen Proje, Erdoğan S. F. (Yürütücü), Sarıkürkcü C., İşitez N., İstifli E. S., 2024-2025.

13. *Ergotionin* İçeren Doğal İçerikli Yaşlanma Karşıtı Serum Geliştirilmesi, Yükseköğretim Kurumları Destekli Proje, Sarıkürkcü C. (Yürütücü), Erdoğan S. F., İşitez N., Kargın Solmaz F. Ö., Kağa E., 2023-2025.

14. *Chenopodium botrys* tohumlarının antioksidan potansiyelinin belirlenmesi, Yükseköğretim Kurumları Destekli Proje, Sarıkürkcü C., Kırcan B. (Yürütücü), 2023-2024.

15. *Digitalis cariensis* bitkisi çözücü özütlerinin antioksidan ve enzim inhibisyon potansiyellerinin belirlenmesi, Yükseköğretim Kurumları Destekli Proje, Erdoğan S. F. (Yürütücü), Sarıkürkcü C., Kargın Solmaz F. Ö., 2023-2024.

16. *Papatya (Anthemis chia)* çiçeklerinin antioksidan aktivitesinin belirlenmesi, Yükseköğretim Kurumları Destekli Proje, Sarıkürkcü C., Kırcan B. (Yürütücü), 2024-2024.

17. *Campanula iconia* Bitkisi Üzerine Fitokimyasal Bir Araştırma, Yükseköğretim Kurumları Destekli Proje, Sarıkürkcü C., Kırcan B. (Yürütücü), 2023-2024.

18. *Salvia pisidica* Bitkisi Özütlerinin LC-MS/MS Analizleri ve Biyolojik Aktivitelerinin Tespit Edilmesi, Yükseköğretim Kurumları Destekli Proje, Sarıkürkcü C., Kargın Solmaz F. Ö., Kırcan B. (Yürütücü), 2024-2024.

19. *Salvia pisidica* Bitkisi Özütlerinin LC-MS/MS Analizleri ve Biyolojik Aktivitelerinin Tespit Edilmesi, Yükseköğretim Kurumları Destekli Proje, Kırcan B. (Yürütücü), Sarıkürkcü C., Kargın Solmaz F. Ö., 2024-2024.

20. *Onosma taurica* var. *brevifolia* Bitkisinin Farklı Özütleme Teknikleriyle Elde Edilen Metanol Özütlerinin Biyolojik Aktivitelerinin Araştırılması, Yükseköğretim Kurumları Destekli Proje, Sarıkürkcü C., Tepe B., Kırcan B. (Yürütücü), 2023-2024.

21. *Kaya Andızı (Inula heterolepis)* Bitkisi Özütlerinin Radikal Süpürüm ve İndirgeme Gücü Potansiyellerinin Belirlenmesi, Diğer Resmi Kurumlarca Desteklenen Proje, İşitez N. (Yürütücü), Sarıkürkcü C., 2023-2023.

22. *Farklı Yörelere Temin Edilen Allium sativum Örneklerinin Biyolojik Aktivitelerinin Karşılaştırılması*, Yükseköğretim Kurumları Destekli Proje, İşitez N. (Yürütücü), Sarıkürkcü C., Kargın Solmaz F. Ö., Zengiz G., 2023-2023.

23. *Farklı Yörelere Temin Edilen Allium sativum Örneklerinin Biyolojik Aktivitelerinin Karşılaştırılması*, Diğer Resmi Kurumlarca Desteklenen Proje, İşitez N. (Yürütücü), Sarıkürkcü C., 2023-2023.

24. *Dianthus calcephalus bitkisi çözücü özütlerinin biyolojik aktivitelerinin belirlenmesi*, Yükseköğretim Kurumları Destekli Proje, Sarıkürkcü C., Kırkan B. (Yürütücü), 2023-2023.

25. *Plantago coronopus subsp. commutata bitkisinin biyolojik aktivitelerinin ve kimyasal içeriğinin belirlenmesi*, Yükseköğretim Kurumları Destekli Proje, Sarıkürkcü C. (Yürütücü), Tepe B., Kırkan B., 2022-2023.

26. *Onosma rostellatum: Farklı Özütleme Teknikleriyle Elde Edilen Metanol Özütlerinin Fitokimyasal Analizi*, Yükseköğretim Kurumları Destekli Proje, Sarıkürkcü C., Tepe B., Kırkan B. (Yürütücü), 2022-2023.

27. *Yenilebilir Bazı Mantar Örneklerinin Antioksidan Aktivitelerinin Belirlenmesi*, Diğer Resmi Kurumlarca Desteklenen Proje, İşitez N. (Yürütücü), Sarıkürkcü C., 2022-2023.

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#### İdari Görevler:

1. Dekan - Afyonkarahisar Sağlık Bilimleri Üniversitesi (2022 - Devam Ediyor)
2. Anabilim/Bilim Dalı Başkanı - Afyonkarahisar Sağlık Bilimleri Üniversitesi (2019 - Devam Ediyor)
3. Bölüm Başkanı - Afyonkarahisar Sağlık Bilimleri Üniversitesi (2019 - Devam Ediyor)
4. Bölüm Başkanı - Süleyman Demirel Üniversitesi (2013 - 2015)
5. Dekan Yardımcısı - Süleyman Demirel Üniversitesi (2013 - 2015)
6. Anabilim/Bilim Dalı Başkanı - Süleyman Demirel Üniversitesi (2013 - 2015)

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#### Ödüller:

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

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## **ESERLER**

### **A. Uluslararası hakemli dergilerde yayımlanan makaleler:**

- A1. 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.
- A2. Sarıkürkcü C., Şihoğlu A., Kıran B., "LC-ESI-MS/MS-based phytochemical characterization and antioxidant – enzyme inhibitory correlation in Scutellaria diffusa", *Spectroscopy Letters*, 2026.
- A3. 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.
- A4. 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.
- A5. 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.
- A6. 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.
- A7. 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.
- A8. 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.
- A9. 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.
- A10. 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.

- A11.** 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.
- A12.** 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.
- A13.** 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.
- A14.** 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.
- A15.** 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.
- A16.** 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.
- A17.** 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.
- A18.** 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.
- A19.** 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.
- A20.** 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.
- A21.** 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.
- A22.** 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.
- A23.** 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.
- A24.** 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.
- A25.** 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.
- A26.** 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.
- A27.** 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.
- A28.** 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.
- A29.** 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.
- A30.** 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.
- A31.** 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.
- A32.** 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.
- A33.** 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.
- A34.** 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.

- A35.** 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.
- A36.** 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.
- A37.** 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.
- A38.** 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.
- A39.** Cüce M., Demir E., Şihoğlu Tepe A., Sarikürkcü C., "Draba cemeleae (Karaer): Phytochemical composition, antioxidant and enzyme inhibitory activity", *South African Journal of Botany*, vol. 145, pp. 170-176, 2022.
- A40.** 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.
- A41.** 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.
- A42.** 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.
- A43.** İstifli E. S., Netz P. A., Şihoğlu Tepe A., Hüsnet 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.
- A44.** 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.
- A45.** 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.
- A46.** 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.
- A47.** 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.
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