

2025 Yılı SCI, SSCI ve AHCI İndekslerinde Giren Dergilerde Yayınlanan Makaleler

1. Girgin S., **Üçüncü O.**, Baltacı C., Muslu Aykoç A. (2025) Microencapsulation of Caucasian blueberries (*Vaccinium arctostaphylos* L.) anthocyanins: Colour stability in varying storage conditions. *Coloration Technology*. cilt.141, sa.4, ss.531-546, (SCI-Expanded, Scopus)
2. **Yildirim Akatin, M.**, Ayaz, F. A., **Boyraci, G. M.**, **Er Kemal, M.**, Batan, N., & Colak, N. (2025). An evaluation of the antioxidant potential and *in vitro* enzyme inhibition profile of selected bryophytes from Northeast Anatolia (Türkiye). *Journal of biomolecular structure & dynamics*, 43(14), 7567–7579. <https://doi.org/10.1080/07391102.2024.2313155> (SCI-Expanded, Scopus)
3. Zengin A., Serbest K., Sağlam Ertunga N., **Yıldırım Akatin M.**, Taskin Tok T., Ghaleb A. H. M., et al (2025). Bis(azo-mine) Based Transition Metal Complexes: Synthesis, Spectroscopy, DNA Binding, Docking Studies, and α -Glucosidase Inhibition Activity. *Applied Organometallic Chemistry*. 39,70232, 1-21, (SCI-Expanded, Scopus)
4. Demir S., Türkmen Alemdar N., Yuluğ E., **Ayazoğlu Demir E.**, Durmuş Tenzile B., Menteşe A., Aliyazıcıoğlu Y. (2025). Usnic acid suppresses inflammation and endoplasmic reticulum stress in a methotrexateinduced pulmonary toxicity model via modulating Nrf2 pathway. *South African Journal of Botany* .177, 572-578- <https://doi.org/10.1016/j.sajb.2024.12.036> SCI-Expanded ,Q2.
5. **Ayazoğlu Demir E.**, Demir S., Türkmen Usta Z., Türkmen Alemdar N., Menteşe A., Aliyazıcıoğlu Y. (2025). Relieving 5-fluorouracil-associated testicular toxicity in rats: Investigating the therapeutic potential of arbutin. *South African Journal of Botany* . 179, 22-30. SCI-Expanded Q2.
6. Uslu Uçar T., İzgi S., **Ayazoğlu Demir E.**, Çelik Uzuner S., Şengül İ., Uzuner U., Kandemir H. (2025). Synthesis of novel benzofuran-4,7-quinones from 4,6 dimethoxybenzofurans specifically targeting breast and lung cancer cells. *Monatshefte für Chemie - Chemical Monthly* - 156, 467-480. <https://doi.org/10.1007/s00706-025-03304-> Q3.
7. Koç Keşir M., **Ayazoğlu Demir E.**, Yılmaz M.D. (2025). NS-CQDs/TiO₂ hybrid nanocomposites incorporated with nutshell derived NS-CQDs as photocatalyst for environmental/biological applications and cytotoxicity effect. *Journal of Environmental Chemical Engineering* – 12(3) <https://doi.org/10.1016/j.jece.2025.116001> Q1.
8. Alemdar, N. T., Demir, S., Yulug, E., Kulaber, A., Demir, E. A., Erdogan, N. S., Mentese, A., & Aliyazicioglu, Y. (2025). Acetamiprid-induced testicular toxicity in mice: ameliorative effect and potential mechanisms of morin. *BMC complementary medicine and therapies*, 25(1), 203. <https://doi.org/10.1186/s12906-025-04944-> Q1

9. **Demir, E. A.**, Demir, S., Mungan, S. A., Alemdar, N. T., Menteşe, A., & Aliyazıcıoğlu, Y. (2025). Chlorogenic acid protects against cisplatin-induced testicular damage: a biochemical and histological study. *Arhiv za higijenu rada i toksikologiju*, 76(2), 130–137.
<https://doi.org/10.2478/aiht-2025-76-3990>. Q3
10. Turkmen Alemdar, N., Demir, S., Yulug, E., Erdogan, N. S., **Ayazoglu Demir, E.**, Mentese, A., & Aliyazicioglu, Y. (2025). Arbutin protects against methotrexate-induced pulmonary injury in rats via modulation of oxidative stress, inflammation, and ER stress. *Frontiers in veterinary science*, 12, 1680886. <https://doi.org/10.3389/fvets.2025.1680886>- Q1
11. **Bekircan, Ç., Tosun, O.**, & Yıldırım, H. (2025). *Nosema canburensis* sp. nov. (Microsporidia: Nosematidae): a novel microsporidium record infecting the Italian striped bug, *Graphosoma italicum* Müller (Hemiptera: Pentatomidae). *Systematic parasitology*, 102(2), 24.
<https://doi.org/10.1007/s11230-025-10220-4> (SCI-Expanded, Scopus)
12. **Okan, O. T.** (2025). Chemical Constituents and Bioactivity Studies of Two Polytrichaceae Species, *Polytrichum formosum* Hedw. and *Polytrichum commune* Hedw. *BioResources*, 20(1), 305–321. Retrieved from <https://ojs.bioresources.com/index.php/BRJ/article/view/23514> (SCI-Expanded, Scopus)
13. Kolayli, S.; **Karahalil, F.Y.**; Celebi, Z.B.; Boztaş, G.D.; Capanoglu, E. (2025) Artificial Neural Networks (ANN) Modeling for Ethanolic Propolis Extracts. *Food Biophys.* , 20, 1–8,
<https://doi.org/10.1007/s11483-025-09995-2>. (SCI-Expanded, Scopus)
14. Birinci C, **Karahalil F.Y.**, Asadov E., Mammadov B, Maharramov M.(2025) Phenolic Composition and Antioxidant Properties of Bee Pollens Belonging to *Drimys* spp. and *Castanea sativa* L.. *Kafkas Univ Vet Fak Derg*, 31 (2): 253-258,. DOI: 10.9775/kvfd.2024.33471 (SCI-Expanded, Scopus, TRDizin)
15. Yildiz, O., **Değirmenci, A., Boyraci, G.M. et al.** (2025). Honeybee Silk: A Promising Value-Added Biomaterial with Antioxidant, Antimicrobial, Antihyaluronidase, and Microstructural Characteristics. *Waste Biomass Valor* <https://doi.org/10.1007/s12649-025-03447-1> Çolak, N.
16. U., Badem, M., Şener, S. Ö., Kanbolat, Ş., Yaşar, A., Özgen, U., & **Değirmenci, A.** (2025). Optimization of phenolic acid extraction from *Origanum* species via novel deep eutectic solvents using response surface methodology. *Journal of Food Measurement and Characterization*, 19(9), 6528–6539. [10.1007/s11694-025-03404-5](https://doi.org/10.1007/s11694-025-03404-5).
17. Yanik-Turan Z. N., **Kantekin Erdoğan M. N.**, Tekin A. (2025) Bleaching of Hazelnut Oil Before and After Deacidification. *European Journal of Lipid Science and Technology* , 128(1)(SCI-Expanded, Scopus)
18. Czerwinska N., Yılmaz B., Fazli H., Akçay S. B., **Boyracı G. M.**, Yıldız O., et al. 2025. Fabrication of Novel Rosin-based Antibacterial Nanofibers for Particulate Matter Removal. *Journal of Polymers and the Environments* 33(10),4364-4377, (SCI-Expanded, Scopus)

19. Kolaylı S., **Okumuş Yökünç G.**, Kara Y., Demir Kanbur E., Can Z., Ozkok A., et al. 2025. Bee bread from Anatolia: its chemical composition, phenolic and aromatic profiles, and antioxidant properties. *Journal of Apicultural Research* , 64(3).944-958, (SCI-Expanded, Scopus)
20. Kalkan, Ö. F., Şahin, Z., Aktaş, O., **Yıldırım, A.**, Aydın Abidin, S., Özyaşar, A. F., **Uzun, İ.**, & Abidin, İ. (2025). Central administration of p234, kisspeptin antagonist, but not kisspeptin-10, reduces the power of epileptiform activity and slow EEG waves in male rats. *Neurological research*, 47(2), 139–146. <https://doi.org/10.1080/01616412.2025.2456293> (SCI-Expanded, Scopus)
21. Kalkan, Ö. F., **Yıldırım, A.**, Aktaş, O., Şahin, Z., Aydın Abidin, S., Özyaşar, A. F., Kurt, A. K., Küçükosman, S. S., **Uzun, İ.**, & Abidin, İ. (2025). Central administration of asprosin reduces baseline brain activity but does not attenuate 4-AP-induced epileptiform discharges: an in vivo electrophysiological study. *Biologia futura*, 10.1007/s42977-025-00295-x. Advance online publication. <https://doi.org/10.1007/s42977-025-00295-x> (SCI-Expanded, Scopus)
22. Kalkan, Ö. F., Öztürk, H., Aktaş, O., **Yıldırım, A.**, Uzun, A. Y., Şahin, Z., Aydın Abidin, S., Köse, D., Yılmaz, C., & Abidin, İ. (2025). 3-Carene Modulates Baseline Brain Electrical Activity Without Suppressing 4-Aminopyridine-Induced Seizure Events: An In Vivo and In Vitro Electrophysiological Study. *Neurochemical research*, 50(6), 342. <https://doi.org/10.1007/s11064-025-04595-5> (SCI-Expanded, Scopus)

**2025 Yılı SCI, SSCI ve AHCI İndeksleri Dışında Hakemli Dergilerde
Yayınlanan Makaleler**

1. **Gundogdu A., Bulut V. N. (2025)** Advanced interpretation of kinetics and equilibrium data obtained from adsorption of Pb²⁺ ions from aqueous solution onto pine bark (*Pinus brutia* Ten.) using nonlinear regression: A practical approach with Microsoft Excel Solver. *Turkish Journal of Analytical Chemistry*, cilt.7, sa.2, ss.108-131, (TRDizin)
2. Çelebi Z. B., Boyracı G. M., **Değirmenci A.**, Yıldız O. (2025). Bioactive Properties of Saffron-Fortified Glycolic Propolis Extracts, *Pharmedicine Journal* , 2(3), 93-99. <http://doi.org/10.62482/pmj.35>. (Hakemli Dergi)
3. Kalkan Ö. F., Aktaş O., Şahin Z., **Yıldırım A.**, Aydın Abidin S., Özyaşar A. F., et al. **2025**. Santral Aların Enjeksiyonunun Erkek Sıçanlarda Toplam Elektroensefalografi (EEG) VE EEG Bantlarına Etkisi: In vivo Elektrofizyolojik Çalışma. *Fırat Üniversitesi Sağlık Bilimleri Tıp Dergisi* , cilt.38, sa.3, ss.241-246, (TRDizin)