

	MsC Jonida Biturku Asistent lektore Departmenti i Shkencave Agronomike Fakulteti i Bujqesise e Mjedisit Universiteti Bujqesor i Tiranes E-mail : jbiturku@ubt.edu.al
--	--

Karriera / Arsimi

2017-vazhdim Asistent lektore
2022- në vazhim Dr kandidat për Shkenca Bujqësore
2021 – Masteri i Shkencave në Menaxhim Mjedisor
2008- Diplome Universitare në Teknologji Ushqimore

Fokusi i Kërkimit Shkencor

1. Diversifikimi i kulturave bujqësore për një sistem ushqimor të qëndrueshme, integrimi i *Nigella sativa* L. në tokat bujqësore shqiptare
2. Profilizimi ushqyes dhe kimik i *Nigella sativa* në Shqipëri, analiza e acideve yndyrore me GC-MS/FAME; karakterizimi i proteinave, mineraleve, përbërjeve fenolike dhe vajrave esencialë i lidhur me cilësinë dhe vlerën shëndetësore.
3. Bioekonomia qarkulluese

Fokusi në Mësimdhënie

Assistant lektore në modulin: Teknologjia e prodhimit të farave
Asistent lektore në modulin: Kimia Ushqimore

Publikime.

Numri total i publikimeve: 25

 Google Scholar: : <https://scholar.google.com/citations?hl=en&user=pEotCIsAAAAJ>

 Research gate : https://www.researchgate.net/profile/Jonida-Biturku?ev=hdr_xprf

(Listoni maksimumi 10 nga publikimet tuaja më të rëndësishme)

1. Khan, M. R., Zafar, M., Majeed, S., Alotaibi, N. M., Ibadullayeva, S., Dinislam, K., **Biturku, J.** "Nature-Based Riparian Strategies for Climate Resilience: Ecohydrological Insights on Biodiversity and Food Security in the Indus Basin." *Ecohydrology*, 18: e70091. Published August 2025. DOI: [10.1002/eco.70091](https://doi.org/10.1002/eco.70091)

2. Toshpulatova, G. K., Boboyev, S. G., Zafar, M., Majeed, S., Noureldeen, A., Al-Mutairi, M., Aloufi, S., Alqurashi, M., Makhkamov, T., Khan, M. R., Islam, F., **Biturku, J.** “Interspecific Hybridization for Enhancing Wilt Resistance in Cotton: A Genetic Approach Against *Verticillium* and *Fusarium* Wilts.” *Journal of Phytopathology*, 173: e70109. Published July 2025. DOI: 10.1111/jph.70109
3. Ibragimov, R., Khalilov, R., Nuriyeva, F., Gareev, I., Beylerli, O., Roumiantsev, S., Zafar, M., Sabir, D. K., Majeed, S., Khan, M. R., Gul, A., **Biturku, J.** “Uncovering the oxidative stress and hematological consequences of chronic cobalt exposure on atherosclerosis.” *Biometals*. Published July 2025. DOI: 10.1007/s10534-025-00722-5
4. Arfeen, Z., Zafar, M., Elshikh, M. S., Ali, M. Ajmal, Makhkamov, T., Karamatova, G., Berdiyev, E., Akhmedov, E., Majeed, S., **Biturku, J.**, Khan, M. R., Usma, A. “Foliar anatomical traits of selected species from the Cyperaceae family: taxonomic insights.” *Acta Societatis Botanicorum Poloniae*. Published May 2025. DOI: 10.5586/asbp/196357
5. Maho, A., **Biturku, J.**, & Maho, F. “The Impact of Climatic Changes on Forage Pea (*Pisum sativum* var. *arvense*) Production.” *Current Applied Science and Technology*, 25(6): e0264094. Published May 2025. DOI: 10.55003/cast.2025.264094
6. Baxtiyorovna, N. A., Qudratovich, X. K., Djumayeva, Z., Ramadan, M. F., Ma’rufovich, N. M., Qizi, D. F. B., Abdukhamidovich, O. U., Maqsudjanova, M. G., Sayfullayevna, N. N., Zafar, M., Majeed, S., Khan, M. R., **Biturku, J.** “Pollen as an insect interaction marker: palynological, chemical, and microscopic perspectives of selected medicinal plants.” *Genetic Resources and Crop Evolution*. Published April 2025. DOI: 10.1007/s10722-025-02442-8
7. Amin, A., Ullah, N., Khan, M. A., Elsadek, M. F., Elshikh, M. S., Hasnain, S. Z. U., Baloch, R., Chaman, S., Makhkamov, T., Yuldashev, A., Yunusov, S., **Biturku, J.** “Mango peel extracts and mangiferin chromatographic Fourier-transform infrared correlation with antioxidant, antidiabetic, and advanced glycation end product inhibitory potentials using *in silico* modeling and *in vitro* assays.” *Biomedical Chromatography*. Published July 2024. DOI: 10.1002/bmc.5936
8. AlNadhari, S., Al-Qahtani, W. H., Bughio, F. A., Memon, R. A., Kamran, M. A., Toker, Ö. S., Dodona, E., **Biturku, J.**, Maho, A., Jaradat, N., Zengin, G., Mammadova, A. O., Azad, A. K., Abdel, K. N. “Scanning electron microscopic investigation on Chicory tribe (Compositae) botanical sources and their antimicrobial potential.” *Microscopy Research and Technique*. Published May 2024. DOI: 10.1002/jemt.24581
9. Aljowaie, R. M., Zengin, G., Jaradat, N., Mammadova, A. O., Azad, A. K., Beylerli, O., Beilerli, A., Valioglu, F., **Biturku, J.**, Kiren, I. “Lamiales epidermal dynamics: Unveiling antimicrobial resilience in a structural symphony.” *Microscopy Research and Technique*. Published May 2024. DOI: 10.1002/jemt.24588
10. AlNadhari, S., Abbasova, G., Al-Qahtani, W. H., Zengin, G., Islamov, S., Mammadova, A. O., Azad, A. K., Mammadova, S., Jaradat, N., Babayeva, U., Humbatov, M., Ganbarov, D., Beylerli, O., Beilerli, A., Toker, Ö. S., **Biturku, J.**, Kiren, I. “Assessment of the botanical origin of Saudi Arabian honey samples to identify pollen with chromatographic tools and packing and storage.” *Biomedical Chromatography*. Published April 2024. DOI: 10.1002/bmc.5869
11. Alwahibi, M. S., Elshikh, M. S., Makhkamov, T., Yuldashev, A., Islamov, S., Sotiboldiyeva, D., Begmatov, A., Asadu, C. O., Okwudili, U. E., & **Biturku, J.** “*Faidherbia albida* Role in Green Catalysis for Sustainable Energy.” *Catalysis Letters*. Published April 2024. DOI: 10.1007/s10562-024-04677-z