

## Short CV

Email: [ekritsi@uniwa.gr](mailto:ekritsi@uniwa.gr)

Eftichia Kritsi is a chemist and she obtained her bachelor diploma and her master's degree in the field of Organic Chemistry from the National and Kapodistrian University of Athens (UOA). In 2017, she earned her PhD diploma from the School of Chemical Engineering of the National Technical University of Athens (NTUA). During her studies, she has received three fellowships and she has participated in National funded research projects. From 2017 to 2023, she was employed as postdoctoral researcher at the Institute of Chemical Biology of National Hellenic Research Foundation (NHRF) and from 2020 to 2023 she is collaborated as teaching fellow and lecturer (P.O. 407) at the Department of Food Science and Technology of the University of West Attica (UNIWA). From 2018, she is academic staff at the Department of Biochemistry and Biotechnology of the University of Thessaly (Interinstitutional Programm of postgraduate studies in Bioentrepreneurship), at the School of Medicine of the University of Crete (Postgraduate Programm Oncology: from Oncogenesis to Therapy) and at the Department of Food Science and Technology of the UNIWA (Food Innovation and Safety - Postgraduate diploma). Since 2023, Dr. E. Kritsi is appointed as tenured Assistant Professor at the Department of Food Science and Technology of UNIWA, with the subject "Spectroscopic and Computational techniques and applications in food and health" of the Chemistry, Processing and Food Safety Sector. Her scientific work resulted in 36 publications at international peer-reviewed journals and in more than 20 oral and poster announcements in conferences.

### Research fields

Her research fields is focused mainly on Computational Chemistry and NMR spectroscopy.

### Representative publications

- (1) E. Kritsi, T. Tsiaka, A. G. Ioannou, V. Mantanika, I. F. Strati, I. Panderi, P. Zoumpoulakis and V. J. Sinanoglou, «In vitro and In Silico Studies to Assess Edible Flowers' Antioxidant Activity», *Appl. Sci.*, 12, 7331, **2022**. doi: <https://doi.org/10.3390/app12147331> (IF 2022-2023: 2.838)
- (2) T. Tsiaka, E. Kritsi, D. Z. Lantzouraki, P. Christodoulou, D. Tsigrimani, I. F. Strati, V. J. Sinanoglou, P. Zoumpoulakis, «Assessing the Phytochemical Profile and Potential of Traditional Herbal Infusions against Aldose Reductase through In Silico Studies and LC-MS/MS Analysis», *Appl. Sci.*, 18, 8361, **2022**. doi: <https://doi.org/10.3390/app12168361> (IF 2022-2023: 2.838)
- (3) T. Tsiaka, E. Kritsi\*, K. Tsiantas, P. Christodoulou, V. J. Sinanoglou, P. Zoumpoulakis\*, «Design and Development of Novel Nutraceuticals: Current Trends and Methodologies», *Nutraceuticals*, 2, 71-90, 2022. doi: <https://doi.org/10.3390/nutraceuticals2020006>
- (4) E. Kritsi\*, T. Tsiaka, G. Sotiroidis, E. Mouka, K. Aouant, G. Ladika, P. Zoumpoulakis, D. Cavouras, V. J. Sinanoglou, «Potential Health Benefits of Banana Phenolic Content during Ripening by Implementing Analytical and In Silico Techniques», *Life*, 13, 332, **2023**. doi: <https://doi.org/10.3390/life13020332> (IF 2022-2023: 3.253)
- (5) T. Tsiaka, E. Kritsi\*, S. M. Bratakos, G. Sotiroidis, P. Petridi, I. Savva, P. Christodoulou, I. F. Strati, P. Zoumpoulakis, D. Cavouras, V. J. Sinanoglou, «Quality Assessment of Ground Coffee Samples from Greek Market Using Various Instrumental Analytical Methods, In Silico Studies and Chemometrics», *Antioxidants*, 12, 1184, 2023. doi: <https://doi.org/10.3390/antiox12061184> (IF 2022-2023: 7.675)

### Links

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Google Scholar: <https://scholar.google.com/citations?user=5hBJLGIAAAAJ&hl=el>

Research Gate: <https://www.researchgate.net/profile/Eftichia-Kritsi>