

Academic Personnel Short Profile / Short CV

Institution:	Cyprus University of Technology
Surname:	Chrysargyris
Name:	Antonios
Rank/Position:	Special Teaching Staff
Program of Study:	Department of Agricultural Sciences, Biotechnology and Food Science
Scientific Domain: *	Plant Nutrition/Ornamental Plants/Medicinal and Aromatic Plants and Wild Plant Species Properties

**Field of Specialization*

Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title
Doctorate/PhD	2016	Cyprus University of Technology	Department of Agricultural Sciences, Biotechnology and Food Science	"Determination of mineral needs and alleviation of salinity induced stress in hydroponically grown aromatic plants"
Master in Science MSc	2007	University of Crete	Biology Department	"Microflora in different strains of olive fruit fly (<i>Bactrocera (Dacus) oleae</i> (Rossi) (Diptera: Tephritidae)".
Bachelor in Biology BSc	2004	University of Crete	Biology Department	

Employment history in Academic Institutions/Research Centers – List by the three (3) most recent

Period of employment		Employer	Location	Position
From	To			
01/2025	present	Cyprus University of Technology	Limassol, Cyprus	Special Teaching Staff
03/2017	12/2024	Cyprus University of Technology	Limassol, Cyprus	Post-Doctoral Researcher

09/2016	12/2024	Cyprus University of Technology	Limassol, Cyprus	Special Scientist/Teaching Personnel
---------	---------	---------------------------------	------------------	--------------------------------------

Key refereed journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)

Ref. Number	Year	Title	Other authors	Journal and Publisher/ Conference	Vol.	Pages
1	2025	Optimizing nitrogen, phosphorus, and potassium requirements to improve <i>Origanum dubium</i> Boiss growth, nutrient and water use efficiency, essential oil yield and composition	Chrysargyris A, Tzortzakis N	Industrial Crops and Products	224, 120291	
2	2025	Nitrogen, Phosphorus, and Potassium Requirements to Improve <i>Portulaca oleracea</i> Growth, Nutrient and Water Use Efficiency in Hydroponics	Chrysargyris A, Tzortzakis N	Agronomy	15(1), 111	
3	2025	Can the commercial cultivation of wild edible species contribute to sustainable food production? A case study of golden thistle (<i>Scolymus hispanicus</i>)	Litskas V, Chrysargyris A, Tzortzakis N, Stravrinides M, Petropoulos SA,	The International Journal of Life Cycle Assessment	https://doi.org/10.1007/s11367-024-02418-3	
4	2025	Targeted isolation of coumarins from <i>Sideritis</i> species based on antiviral screening and untargeted metabolomics	Tomou E-M, Engler O, Chrysargyris A, Tzortzakis N, Skaltsa H, Urmann C	Phytochemical Analysis	In press	
5	2025	Nitrogen, phosphorus, and potassium requirements to improve <i>Sideritis cypria</i> growth, nutrient and water use efficiency in hydroponic cultivation	Chrysargyris A, Tzortzakis N	Heliyon	11 (2025) e40755	
6	2024	Drying temperature and conditions affect the <i>Origanum dubium</i> and <i>Salvia fruticosa</i> Mill. quality attributes and impact the	Chrysargyris A, Xylia P, Tzortzakis N	Industrial Crops and Products	222:119898	

		essential oil composition, antimicrobial and antioxidant activities				
7	2024	It Runs in the Family: The Importance of the Lamiaceae Family Species.	Chrysargyris A	Agronomy	14, 1274	
8	2020	Traditionally used <i>Sideritis cypria</i> Post.: Phytochemistry, nutritional content, bioactive compounds of cultivated populations	Lytra K, Tomou EM, Chrysargyris A , Drouza C, Skaltsa H, Tzortzakis N	Frontiers in Pharmacology	11:650	
9	2019	Effect of phosphorus application rate on <i>Mentha spicata</i> L. grown in deep flow technique (DFT).	Chrysargyris A , Petropoulos S, Fernandes A, Barros L, Tzortzakis N, Ferreira ICFR.	Food Chemistry	276	84-92
10	2019	The combined and single effect of salinity and copper stress on growth and quality of <i>Mentha spicata</i> plants	Chrysargyris A , Papakyriakou E, Petropoulos S.A., Tzortzakis N	Journal of Hazardous Materials	368	584 - 593

Exhibitions (where applicable). List the five (5) more recent and other five (5) selected. (max total 10)					
Ref. Number	Date	Topic	International / Local	Location*	Role in Exhibition
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

**Specify venue, geographic location etc*

**Research Projects. List the five (5) more recent and other five (5) selected
(max total 10)**

Ref. Number	Date	Title	Funded by	Project Role*
1	2021-2026	Ecofriendly multipurpose Biobased Products from municipal biowaste-LIFE EBP	LIFE	Post Doctoral Researcher
2	2021-2025	Innovative Approaches Promoting Functional Microbial Diversity for a Sustainable Grapevine Health and Productivity in Vineyard Systems of Mediterranean Areas-MiDiVine	PRIMA	Post Doctoral Researcher
3	2020-2024	VALORIZATION of Mediterranean small-scale FARMS by cropping wild UnExploited species-VALUEFARM	PRIMA	Post Doctoral Researcher
4	2022-2024	Identification of Medicinal/Aromatic Plants properties and improving quality, nutritive value and storability of fresh and dry products to support SME competitiveness-Opti-AromaQ	Excellence Hubs-Restart RIF.	Post Doctoral Researcher
5	2020-2024	Innovative Sustainable technologies TO extend the shelf-life of Perishable MEDiterranean fresh fruit, vegetables and aromatic plants and to reduce WASTE-StopMedWaste	PRIMA	Post Doctoral Researcher
6	2017-2020	AgroFood Innovation Clusters - AgroLabs	Interreg Balkan-Mediterranean 2014-2020	Post Doctoral Researcher
7	2018-2020	Herbal essential oils: Potential for development as low-risk pesticides, plant growth promoters and produce sanitizers- PlanSafe	Enterprises/Smart Growth- Restart 2016-2020.	Post Doctoral Researcher
8	2016-2019	Toward a Sustainable Viticulture: Improved Grapevine Productivity and Tolerance to Abiotic and Biotic Stresses by Combining Resistant Cultivars and Beneficial Microorganisms-VITISMART	FACCE SUPLUS	Post Doctoral Researcher
9	2013-2015	Alteration of salinity-induced stress in hydroponically grown aromatic plants - SALTAROMA	Cyprus University of Technology.	Research Associate

			Start-up grant for research	
10	2013-2014	Sustainable of Biotic and Abiotic Parameter in Hydroponically Grown Tomatoes and Lettuce-HYDROFLIES	Inter-Border Cooperation Programme between Greece-Cyprus 2007-2013	Research Associate

**Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other*

**Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees.
List the five (5) more recent (Optional Entry)**

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2023-present	Heliyon (Cell Press)	Associate Editor (Plant Biology Section)	Assignment of reviewers and provision of recommendations
2	2023-present	Discover Applied Sciences (Springer)	Editorial Board Member	Assignment of reviewers and provision of recommendations
3	2024-present	Phyton (Tech Science Press)	Associate Editor	Assignment of reviewers and provision of recommendations
4	2018-present	Frontiers in Plant Sciences	Associate Editor	Assignment of reviewers and provision of recommendations
5	2022-present	Ministry of Agriculture, Rural Development and Environment (Department of Agriculture)	Committee member for the Medicinal/Aromatic Plant sector development	Advisor/academic representative

Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	Date	Title	Awarded by:
1	2024	Listed in the ranking list among the Top 2% of researchers in the world, for the year 2023	Stanford University, August 2024 data-update for "Updated science-wide author databases of standardized citation indicators", Elsevier Data Repository, V7
2	2023	Listed in the ranking list among the Top 2% of researchers in the world, for the year 2022	Stanford University, "October 2023 data-update for "Updated science-wide author databases of standardized citation indicators""V6
3	2022	Listed in the ranking list among the Top 2% of researchers in the world, for the year 2021	Stanford University, entitled "September 2022 data-update for "Updated science-wide author databases of standardized citation indicators", 10 October 2022, Version 4
4	2023	Best Paper Award, MDPI Horticulturae 2023 for "Application of rosemary and eucalyptus essential oils and their main component for the preservation of apple and pear fruits", Xylia P, Chrysargyris A, Ahmed Z, Tzortzakis N	MDPI Horticulturae Awards
5	2019	Best Poster Presentation Award for "Chrysargyris A, Prasad M, Antoniou O, Massou N, Kavanagh A, Tzortzakis N. 2019. Exploitation of Biochar type and ratio as a peat additive/ partial peat replacement in growing media.	III International Symposium on Growing Media, Composting and Substrate Analysis. SusGro2019. 24-28 June 2019, Milan, Italy".
6	2014	Award of Academic Excellence as PhD student	The Dean of School of Geotechnical Sciences and Environmental management/Cyprus University of Technology
7			
8			
9			
10			

**Other Achievements. List the five (5) more recent and other five (5) selected.
(max total 10) (Optional Entry)**

Ref. Number	Date	Title	Key Activities:
1	2023-present	Management Committee Member for Cyprus in COST Action CA22134	Sustainable Network for agrofood loss and waste prevention, management, quantification and valorisation”
2	2020-2024	Management Committee Member for Cyprus in COST Action CA19116	Trace metal metabolism in plants
3	2022	Organizing and Scientific committee	5 th International Symposium on Postharvest Pathology: Innovation and advanced technologies for managing postharvest pathogens
4	2021	Organizing and Scientific committee	3 rd International Symposium on Soilless Culture and Hydroponics: Innovation and Advanced Technology for Circular Horticulture
5	2020-present	Quest Editor in Journals (Frontiers in Plant Sciences, Horticulturae, Agronomy, Antioxidants, Molecules, Chemical and Biological Technologies in Agriculture)	Assignment of reviewers and provision of recommendations
6	2017-present	Reviewer in 33 Refereed Journals	Journals Peer Review