

Academic Personnel Short Profile / Short CV

Institution:	Cyprus University of Technology
Surname:	Drouza
Name:	Chryssoula
Rank/Position:	Associate Professor
Program of Study:	Agricultural Sciences, Biotechnology and Food Science
Scientific Domain: *	Food Chemistry/Analysis, Spectrochemical Magnetic Resonance Analysis, dioxygen activation

**Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title
PhD	2003	University of Cyprus	Department of Chemistry	Interactions of metal ions in high oxidation state with dixydroxy-and hydroxyketo- aromatic ligands
Bachelor	1991	University of Ioannina	Department of Chemistry	Investigation of the instrumental and other methods for Food Analysis

Employment history in Academic Institutions/Research Centers – List by the three (3) most recent				
Period of employment		Employer	Location	Position
From	To			
2023	now	Cyprus University of Technology	Limassol, Cyprus	Associate Professor
2011	20023	Cyprus University of Technology	Limassol, Cyprus	Assistant professor
02/05/2007	31/12/2011	Cyprus University of Technology	Limassol, Cyprus	Lecturer
16/06/2003/	30/04/2007	University of Cyprus	Nicosia, Cyprus	Post Doctoal Collaborator
15/01/1997	30/05/2004	Educational Center of Vocational Studies - KES College	Nicosia, Cyprus	Professor of Chemistry/ Cosmetology/ Medicinal Chemistry

15/01/1994	15/01/1997	Colorado State University:	Fort Collins, CO, US	Researcher in the Department of Chemistry, Invited position
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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	2023	Experimental and Theoretical Investigation of the Mechanism of the Reduction of O ₂ from Air to O ₂ ²⁻ by VIVO ₂ ⁺ -N,N,N-Amidate Compounds and Their Potential Use in Fuel Cells	Papanikolaou, M.; Hadjithoma, S.; Keramidas, O.; Amoiridis, A.; Themistokleous, A.; Hayes, S.C.; Miras, H.N.; Lianos, P.; Tsipis, A.C.; Themistoklis A. Kabanos T. A., and Keramidas A. D.	<i>Inorganic Chemistry</i>		doi:10.1021/acs.inorgchem.3c03272
2	2023	Insight into the Recent Application of Chemometrics in Quality Analysis and Characterization of Bee Honey during Processing and Storage	Tarapoulouzi, M.; Mironescu, M.; Mironescu, I.D.; Agriopoulou, S.	<i>Foods</i>	12	doi:10.3390/foods12030473
3	2022	Four electron selective O ₂ reduction by a tetranuclear vanadium(IV/V) / hydroquinonate catalyst: Application in the operation of Zn-air batteries.	Keramidas, A.D.; Hadjithoma, S.; Andrade, T.S.; Lianos, P.	<i>New Journal of Chemistry</i>	46	470-479, doi:10.1039/d1nj03626b
4	2022	A Combined Experimental and Theoretical Investigation of	Papanikolaou, M.G.; Simaioforidou, A.V.; Tsipis,	<i>Inorganic Chemistry</i>	61	18434-18449

		Oxidation Catalysis by cis-[VIV(O)(Cl/F)(N4)]+Species Mimicking the Active Center of Metal-Enzymes	A.C.; Miras, H.N.; Keramidas, A.D.; Louloudi, M.; Kabanos, T.A.			doi:10.1021/acs.inorgchem.2c02526.
5	2022	Binuclear VIV/V, MoVI and ZnII - hydroquinonate complexes: Synthesis, stability, oxidative activity and anticancer properties.	Loizou, M.; Papaphilippou, P.; Vlasίου, M.; Spilia, M.; Peschos, D.; Simos, Y.V.; Keramidas, A.D.	<i>Journal of Inorganic Biochemistry</i>	235	doi:10.1016/j.jinorgbio.2022.111911
1	2018	EPR Methods Applied on Food Analysis	S. Spanou, A. D. Keramidas	book under title: "Topics From EPR Research" edited by Dr. Ahmed M. Maghraby, National Inst. of Standards (NIS)	Chapter 4	10.5772
2	2018	Chemometric characterization of virgin olive oils of the two major Cypriot cultivars based on their fatty acid composition	A. Kritioti, G. Menexes,	Food Research International	103	426-43
3	2017	Investigation of Phenols Activity in Early Stage Oxidation of Edible Oils by Electron Paramagnetic Resonance and 19F NMR Spectroscopies Using Novel Lipid Vanadium Complexes As Radical Initiators	A. Dieronitou, I. Hadjiadamou, and M. Stylianou	J.ournal of Agricultural and Food Chemistry	65	4942–4951
4	2015	19F NMR for the speciation and quantification of the OH-molecules in complex matrices	M. Vlasίου and C. Drouza	Analytical Methods	7	3680–3684
5a	2018	Geographical discrimination of pine and fir honeys using multivariate analyses of major and minor honey components	I. K. Karabagias, M.s Vlasίου, S. Kontakos, M.I G. Kontominas & A. D. Keramidas	European Food Research and Technology	244	1249–1259

		identified by ¹ H NMR and HPLC along with physicochemical data				
5b	2020	Synthesis of vitamin E and aliphatic lipid vanadium(IV) and (V) complexes, and their cytotoxic properties	I. Hadjiadamou, M. Vlasiou, S. Spanou, Y. Simos, G. Papanastasiouc, E. Kontargiris, I. Dhimac, V. Ragos, S. Karkabounas, A. D. Keramidas	Journal of Inorganic Biochemistry	208	11074

**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					
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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	2022-2024	"New selective Uranyl chelate materials for the development of novel sensors and sequesters of Uranium from the sea"	Research Promotion Foundation Programmes for Research, Technological Development and Innovation, Cyprus, "RESTART 2016-2020" EXCELLENCE/0421/	Partner
2	2019-2021	"New quinone/hydroquinone metal complexes for the catalytic conversion of H ₂ O/O ₂ to H ₂ O ₂ and the construction of aqueous photosynthetic solar cells" QUINSOL	Research Promotion Foundation Programmes for Research, Technological Development and Innovation, "RESTART 2016-2020" EXCELLENCE	Partner
3	2019-2021	"Production of high added-value commodities through integrated management of citrus processing industry waste	Cyprus RPF, ENTERPRISES	Research collaborator
4	2016-2019	"Bioorganic Novel Approaches for Food Processing Wastewater Treatment and valorization: Lupanine Case Study" "BIORG4WASTEWATERVAL+"	European Union through Water JPI, the WaterWorks 2014 Cofunded Call, the EC (Horizon 2020) and the respective FPOs	Partner
5	2015-2018	"Explicit Control Over Spin-states in Technology and Biochemistry" (ECOSTBio)	COST Action CM1305, European Cooperation in Science and Technology	Partner
1	2008-2012	"New Markers for the Certification of Quality and Authenticity of Food by EPR"	the European Regional Development Fund and the Republic of Cyprus through the Research Promotion Foundation (Infrastructure)	Coordinator
2	2008-2010	"Novel Vitamine E-Biphosphonates: A new therapeutic approach targeting bone loss associated with osteoporosis and bone related malignancies",	Research Promotion Foundation (RPF) and European Structural Funds	Partner
3	2007-2010	"New Materials for the Improvement of Solar Cells"	Research Promotion Foundation (RPF) and European Structural Funds	Partner

4	2004-2007	"Prevention and Cure of Prostate Cancer from Novel Selenium-Phenol Compounds"	Research Promotion Foundation (RPF) and European Structural Funds	Researcher
5	2004-2006	"Novel Phenolic Se, Te Compounds with Anti-NOx and Anticancer Activity"	Research Promotion Foundation (RPF) and European Structural Funds	Researcher

**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	27/01/2023-today	Frontiers Publications	Review Editor	Handling/assign reviewing process/review submitted manuscripts
2	3/09/2018-today	Springer Publications	Reviewer for number of journals	Peer review of submitted manuscripts
3	1/10/2018-today	Elsevier Publications	Reviewer for number of journals	Peer review of submitted manuscripts
4	30/10/2013-today	Hindawi Publications	Reviewer for number of journals	Peer review of submitted manuscripts
5	30/08/2016-today	ACS Publications	Reviewer for number of journals	Peer review of submitted manuscripts

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	1/11/2021-5/11/2021	12th International Vanadium Symposium & 10th International Symposium on Group Five Elements	Organizing Committee
2	25/07/2013	Half-day conference for Cypriot olive oil, Analysis and discrimination: Development of Novel Fast Spectroscopic Methods for the Food Components Analysis	Key speaker/presenter Chair of Organizing Committee
3	2/06/ 2008	Member of the Scientific Committee for Pancyprian Examinations of Ministry of Education of The Republic of Cyprus	Participation in creation the official exam assay for the Chemistry lesson for the distribution of positions in the Higher and Higher Education Institutions of Cyprus and the positions in the HEIs of Greece, which may be offered by Greece through the Ministry of Education and Culture of Cyprus.