



NAME

Title: Charalampos Proestos

Sector: Food Chemistry

Phone: +30 210 7274160 (office)

Fax: +30 210 7274476 (office)

E-mail : harpro@chem.uoa.gr **Web page :** <http://scholar.uoa.gr/harpro>

<http://foodchemistrylab.chem.uoa.gr/>



Academic Qualifications:

- 2000: B.Sc. in Chemistry, University of Ioannina, Greece
- 2001: M.Sc. in Food Science, University of Reading, U.K.:
- 2005: Ph.D. in Food Chemistry, Agricultural University of Athens, Greece
- 2006: Post Graduate short course, Wageningen University, the Netherlands, funded by EuroFIR
- 2007: Postdoc research, Agricultural University of Athens, Department of Food science and Technology

Appointments:

- 2019: Associate Professor, Chemistry Dept., UoA
- 2009 – 2011: Hellenic Food Authority (EFET), Technical manager of the chemical laboratory in Athens and Food Auditor
- 2007 – 2009: Agripan SA, Sales Director in water treatment systems

Teaching Activities: (current)

Undergraduate courses

- Food Chemistry
- Food Quality Control and Food Safety
- Food Technology
- Nutrition and Food Chemistry (Pharmacology Dept.)

Postgraduate courses

- Nutrition (Chemistry Dept.)
- New Trends in Food Science (Chemistry Dept.)
- Food Analysis (Chemistry Dept.)
- Quality Control of Food (Chemistry Dept.)

Research Interests/Activities: (last 10 years)

- Plant bioactive compounds extraction and instrumental analysis e.g., phenolic acids, flavonoids
- Determination of antioxidant capacity of constituents from plant derived foods (olive oil, wine, plants, mushrooms etc)
- Food contaminants determination (metals e.g., Sn, Cd, Cu, biogenic amines)
- Food Allergens determination by ELISA (new field)
- GMOs in milk and milk products by PCR (new field)

Scientific Publications/Citations:

- >80 publications in refereed journals
- >2000 citations (H-index = 21)

Top five publications

- Analysis of flavonoids and phenolic acids in Greek aromatic plants: Investigation of their antioxidant capacity and antimicrobial activity, C Proestos, IS Boziaris, GJE Nychas, M Komaitis *Food chemistry* 95 (4), 664-671
- RP-HPLC analysis of the phenolic compounds of plant extracts. Investigation of their antioxidant capacity and antimicrobial activity C Proestos, N Chorianoopoulos, GJE Nychas, M Komaitis, *Journal of agricultural and food chemistry* 53 (4), 1190-1195
- Application of microwave-assisted extraction to the fast extraction of plant phenolic compounds C Proestos, M Komaitis, *LWT-food science and technology* 41 (4), 652-659
- Determination of phenolic compounds in aromatic plants by RP-HPLC and GC-MS, C Proestos, D Sereli, M Komaitis, *Food chemistry* 95 (1), 44-52
- Antioxidant capacity of selected plant extracts and their essential oils, C Proestos, K Lytoudi, OK Mavromelanidou, P Zoumpoulakis, *Antioxidants* 2 (1), 11-22

Selected Distinctions:

- Scholarship from the State Scholarships Foundation of Greece for Post Doctoral research at the Agricultural University of Athens (2006-2008).
- *Journal of Agricultural and Food Chemistry*, 53(4), 1190-1195, (2005) one of the top 20 most read articles
- *LWT – Food science and Technology* Volume 41, Issue 4, (2008), 652-659, one of the Top 10 most cited article for the period 2008-2010
- *Food Chemistry*, Volume 95, Issue 4, (2006), Pages 664-671. No 1. of the Top 25 Hottest articles for October to December 2005.

Projects and Academic Activities:

- Member of European Commission TAIEX, Technical Assistance Information Exchange Instrume, Expert candidature number: EX2014D225678
- Member of Royal Society of Chemistry
- Trainer of Hellenic Food Authority (EFET)
- Certified Evaluator of Hellenic Accreditation System (ESYD)
- Evaluator of European Programs RISE, COST, PRIMA