

Curriculum Vitae



Prof. Dr. Triantafyllos A.D. ALBANIS (ALMPANIS)
Department of Chemistry
University of Ioannina

Address: Department of Chemistry, University of Ioannina,
University Campus, Ioannina, 451 10 Greece

Email. talbanis@uoi.gr

1. Education:

- Graduation (February 1979) at the Faculty of Chemistry, The Aristotelian University of Thessaloniki.
- Diploma (October 1993) of the International Center for Advanced Mediterranean Agronomic Studies (Energy exploitation of agricultural wastes) at the Mediterranean Agronomic Institute of Zaragoza (Spain) (Granted by European Council).
- Ph.D. in Chemistry, (April 1987) at the Department of Chemistry, University of Ioannina
- Post-doctoral fellowship (1989), at the Department of Biochemistry, in the State University of Texas at San Antonio, USA.
- Post-doctoral fellowship (1990), at the Department of Earth and Physical Sciences, in the State University of Texas at San Antonio, USA.
- Research Fellowship (in Environmental Toxicology, PFT: Biomonitoring methods in environment) from European Science Foundation (ESF)(1995), University of Kuopio, Finland.

2. Research fields:

- a. Environmental Chemistry of pesticides and related organic micropollutants.
- b. Transportation of pesticides in environmental ecosystems.
- c. Development of analytical methods for pesticide and related organic micropollutants determination in environmental compartments.
- d. Adsorption and photodegradation of pesticides under laboratory and field conditions.
- e. Techniques for organic micropollutants removal from wastewater, surface and ground waters.

3. Selected Publications (20):

1. Albanis, T.A., Pomonis, P.J. and Sdoukos, A.T. (1988), "Describing movement of three pesticides in soil using a SCTR in series model", *Water Air and Soil Pollution*, **39**, 293-302.
2. Albanis T.A. (1991), "Runoff Losses of Herbicides EPTC, Molinate, Simazin, Diuron, Propanil and Metolachlor Thermaikos Gulf, N.Greece", *Chemosphere*, **22**, 645-653.
3. Albanis T.A. and D. G. Hela (1995), "Multiresidue analysis of pesticides in various environmental water simulated samples using solid phase extraction disks followed by gas chromatography techniques with FTD and MSD", *Journal of Chromatography A*, **707**, 283-292.
4. Albanis, T. and D.G. Hela (1998), "Pesticide concentration in Louros river and their fluxes into marine environment", *Int. J. Environ. Anal. Chem*, **70**, 105-120.
5. Konstantinou, T. Albanis, D. Petrakis and P. Pomonis (2000), "Removal of herbicides from aqueous solutions by adsorption on Al-pillared clays, Fe-Al-pillared clays mesoporous alumina aluminium phosphates", *Water Research*, **34 (12)**, 3123-3136.
6. Konstantinou I.K., T.M. Sakellarides, V.A. Sakkas and T.Albanis (2001), "Photocatalytic degradation of selected s-triazine herbicides and organophosphorus insecticides over TiO₂ suspensions", *Environ. Sci. Technol*, **35**, 398-405
7. Goutner V., T. Albanis, I. Konstantinou and K. Papakonstantinou (2001), "PCBs and organochlorine pesticide residues in eggs and Audouin's gull (*Larus audouinii*) in the North-Eastern Mediterranean", *Marine Pollution Bulletin*, **42**, 377-388.
8. Lambropoulou D.A. and T.A. Albanis (2001), "Optimization of headspace solid-phase microextraction method for the determination of organophosphorus insecticides in natural waters", *Journal of Chromatography A*, **922**, 243-255.
9. Sakkas V.A., I.K. Konstantinou and T.A. Albanis (2001), "Photodegradation study of the antifouling booster biocide dichlofluanid in aqueous media by gas chromatographic techniques", *Journal of Chromatography A*, **930**, 135-144.
10. Albanis T.A., Lambropoulou D.A., V.A. Sakkas, I.K. Konstantinou (2002), "Antifouling paint booster biocide contamination in Greek marine sediments", *Chemosphere*, **48**, 475-485.
11. Sakkas V.A., K. Shibata, Y. Yamaguchi, S. Sugawara, T. Albanis (2007) "Aqueous phototransformation of zinc pyriithione Degradation kinetics and byproduct identification by liquid chromatography-atmospheric pressure chemical ionisation mass spectrometry", *Journal of Chromatography A*, **1144**, 175-182.
12. Lambropoulou D., Konstantinou I., Albanis T (2007), "Recent developments in headspace microextraction techniques for the analysis of environmental contaminants in different matrices", *J. Chromatography A*, **1152**, 70-96.
13. Antoniadou V., Konstantinou I., Goutner V., Sakellarides T.M., Albanis T., Bintoudi E., (2007), PCB levels and accumulation patterns in waterbird eggs and in their prey at Lake Kerkini, a north-eastern Mediterranean wetland of international importance", *Arch. Environ. Contam. Tox.*, **53 (2)**, 249-260.
14. Lambropoulou D.A., Hernando M.D., Konstantinou I.K., Thurman E.M., Ferrer I., Albanis T.A., Fernandez-Alba A.R., (2008), Identification of photocatalytic degradation products of bezafibrate in TiO₂ aqueous suspensions by liquid and gas chromatography", *J. Chromatography A*, **1183(1-2)**, 38-48. (A-6)

15. Amvrazi E.G., Albanis T.A. (2008), "Multiclass pesticide determination in olives and their processing factors in olive oil: Comparison of different olive oil extraction systems" *J. Agric. Food Chem.*, **56**, 5700-5709. (A-1)
16. Boti V.I., Sakkas V.A., Albanis T.A., (2009) "An experimental design approach employing artificial neural networks for the determination of potential endocrine disruptors in food using matrix solid-phase dispersion", *J. Chromatography A*, **1216** (9), 1296-1304. (A-1)
17. Evagelopoulos V., Albanis T.A., Kodona E., Zoras S. Retracted: Particle-associated polycyclic aromatic hydrocarbons near power plants as determined by large volume injection - GC/MS (2010) *Chemosphere*, **80** (3), pp. 235-240.
18. Karaouzas I., Skoulikidis N.T., Giannakou U., Albanis T.A., Spatial and temporal effects of olive mill wastewaters to stream macroinvertebrates and aquatic ecosystems status (2011) *Water Research*, **45** (19), pp. 6334-6346.
19. Christina I. Kosma, Dimitra A. Lambropoulou, Triantafyllos A. Albanis "Investigation of PPCPs in wastewater treatment plants in Greece: Occurrence, removal and environmental risk assessment" (2014) *Science of The Total Environment*, 466–467,421–438.
20. Ch. Nannou, Ch. Kosma, T. Albanis; "Occurrence of pharmaceuticals in surface waters: analytical method development and environmental risk assessment", *International Journal of Environmental Analytical Chemistry*, Vol. 95, 2015 (13), 2015, pp 1242-1262

Prof. T. Albanis has published over **225** research works in international journal, with **9.276** citations and **H-factor 48**. He participated in organization and scientific committees of several international conferences and workshops.

4. Member in Scientific Associations and Positions:

Since 1979: Member of the Greek Chemical Society.

Since 1990: Member of the American Chemical Society.

Since 1990: Member of the Division of Agrochemicals, of American Chemical Society.

Since 1992: Member of the International Association on Water Pollution Research and Control.

Since 1993: Member of the International Association of Environmental Analytical Chemistry

Since 2002-today: Chairman of the "European-Mediterranean Association of Environmental Education Assessment and Protection"

Since 2003-2014: Chairman of the Post graduate Interfaculty Programme in "Agrochemistry and Organic Agriculture", University of Ioannina.

Since 2004-08: Chairman of the Department of Chemistry, University of Ioannina

Since 2010-2014: Rector of The University of Ioannina

Since 2014-2015: Chairman of Balkan Universities Association

Since 2014-today: Vice Rector of the University of Ioannina

Since 2014- today: Head of Research Committee of the University of Ioannina

Since 2014-today: Dean of School of Economics and Social Sciences, University of Ioannina

Since 2015- today: President of Regional Council for Research and Innovation of Epirus