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Education

- 2000-2004 **PhD in Environmental Science**, University of Lancaster, UK
1998-1999 **MSc in Environmental and Ecological Sciences (1st class)**, University of Lancaster, UK
1995-1998 **BSc (Hons) in Applied Biochemistry**, Brunel University London, UK

Research experience

- 2015 **Sabbatical leave**
Center for Environmental Research and Children's Health (CERCH), School of Public Health, University of California Berkeley, USA
- 2013 **Sabbatical leave**
Toxicology Centre, University of Saskatchewan, Saskatoon, Canada
- 2011 **Visiting researcher**
Toxicology Centre, University of Saskatchewan, Saskatoon, Canada
- 2006-2008 **Postdoctoral fellow**
National and Kapodistrian University of Athens, Department of Chemistry, Greece
- 2005-2006 **Research Associate IV**
Environmental Chemistry Laboratory, California Department of Toxic Substances Control, USA/Public Health Institute, USA
- 2000 **Visiting researcher**
Institute of Applied Environmental Research (ITM), Stockholm University, Sweden

Teaching experience

- 2021- **Associate Professor in Environmental Chemistry & Toxicology**
University of the Aegean, Greece
- 2012-2021 **Assistant Professor in Environmental Chemistry & Toxicology** (tenure in 2017)
University of the Aegean, Greece
- 2007-2012 **Lecturer in Environmental Chemistry & Toxicology**
University of the Aegean, Greece

Research projects and grants

1. European Commission, Horizon 2020, 2021-2026. ZeroPM: Zero pollution of Persistent, Mobile substances (Collaborator, WP7)

2. Operational Programme “Education and Lifelong Learning” (NSRF) – 2014-2020. Contribution to the interdisciplinary assessment of non-indigenous ichthyofauna in the freshwater ecosystems of Greece (Principal Investigator)
3. COST Action IS1408 Industrially Contaminated Sites and Health Network (ICSHNet) – 2014-2018 (Member of the Management Committee)
4. Greek Ministry of Education and Religious Affairs, Operational Program Education and Life Long Learning, 2011-2015. “Investigation of organic micropollutants’ fate in wastewater treatment and study of their behavior during wastewater disposal to the aquatic environment“ (WATERMICROPOL) (Collaborator)
5. Greek Ministry of Education and Religious Affairs, Operational Program Education and Life Long Learning, 2011-2015. ”Determination of the sources and the physicochemical properties of fine and ultrafine aerosol particles that affect the regional climate of Greece” (SO_PHY_PRO_CLIM_GR) (Collaborator)
6. Greek Ministry of Education and Religious Affairs, Operational Program Education and Life Long Learning, 2011-2015. ”Integrating sustainability in participatory decision making” (INSPIRED) (Co-investigator)
7. Greek Ministry of Development 2004-2008. “Accreditation of Water and Air Quality Laboratory for the analysis of organic micropollutants in environmental samples” (Principal investigator)
8. GSRT-ENTER 2004. “Estimating exposure to polybrominated diphenyl ethers in computer clerks” (Principal Investigator)
9. Lancaster University Research Committee Small Grants Scheme 2003. “Is there a link between oestrogen-like chemicals in breast milk and carcinogen-induced genotoxicity in human breast cells? (Co-investigator)

Supervision of postgraduate and PhD students

PhD:

- 2020- Argyro-Anna Kanelli, *Green and blue spaces – implications for mental health and wellbeing.*
- 2016-2020 Nikolaos Koutsikos, *Alien fish as microplastics indicators* (co-supervision with the Hellenic Centre for Marine Research)
- 2014-2021 Ioannis Nezis, *Indoor air pollution and human health effects.*

MSc:

1. Urban green areas and impacts on mental health in Tanzania - Maria Vardaka (MSc in Ecological Engineering & Climate Change)
2. Urban nature exposure in the time of COVID-19: associations between visitation patterns, mental health and perceived value - Christos Georgantas (MSc in Ecological Engineering & Climate Change)
3. The effect of green spaces on human health and wellbeing – Arianna Kanelli (MSc in Ecological Engineering & Climate Change)
4. A Flaming Mismatch: Comparative Study on Brominated Flame Retardants in Europe and China - Haiya Zhang (MESPOM Erasmus Mundus Msc)
5. Characterization and Hazard Assessment of Endocrine- Disrupting Chemicals in Municipal Wastewater Effluents - Erika Navarro-Ang (MESPOM Erasmus Mundus MSc, co-supervision with the University of Saskatchewan)
6. Analysis of persistent organic pollutants in the Asopos River – Marios Vazakas
7. Nanoparticle toxicity – Spyridon Mosios (M.Sc. in Ecological Engineering)

8. Perfluorinated chemicals in the environment – Maria Karipidi (MSc in Biodiversity Conservation)
9. Method development for the analysis of volatile organic compounds (VOCs) in drinking water – Maria Kalopetri (MSc in Ecological Engineering)

Fellowships and awards

- 2021: Erasmus Staff Exchange Program: Department of Environmental Engineering, University of Dar Es Salaam, Dar Es Salaam, Tanzania
- 2019: Erasmus Staff Exchange Program: Centre for Longitudinal Studies, UCL, London
- 2017: Erasmus Staff Exchange Program: Department of Environmental, Water and Earth Sciences, Tshwane University of Technology, Pretoria, South Africa
- 2011: MESPOM scholarship: Toxicology Centre, University of Saskatchewan, Saskatoon, Canada

Publications

Google Scholar profile:

[https://scholar.google.gr/citations?](https://scholar.google.gr/citations?hl=el&user=hvyHxdcAAAJ&view_op=list_works&sortby=pubdate)

[hl=el&user=hvyHxdcAAAJ&view_op=list_works&sortby=pubdate](https://scholar.google.gr/citations?hl=el&user=hvyHxdcAAAJ&view_op=list_works&sortby=pubdate)

1. Agathokleous, E., Barceló, D., Aschner, M., Antunes Azevedo, R., Bhattacharya, P., Costantini, D., Cutler, G.C., De Marco, A., Docea, A.O., Dórea, J.G., Duke, S.O., Efferth, T., Fatta-Kassinos, D., Fotopoulos, V., Ginebreda, A., Guedes, R.N.C., Hayes, A.W., Iavicoli, I., **Kalantzi, O.I.**, Koike, T., Kouretas, D., Kumar, M., Manautou, J.E., Moore, M.N., Paoletti, E., Peñuelas, J., Picó, Y., Reiter, R.J., Rezaee, R., Rinklebe, J., Rocha-Santos, T., Sicard, P., Sonne, C., Teaf, C., Tsatsakis, A., Vardavas, A.I., Wang, W., Zeng, E.Y., Calabrese, E.J. (2022). Rethinking Subthreshold Effects in Regulatory Chemical Risk Assessments. *Environmental Science and Technology*, 56, 11095–11099
2. Pagoni, A., Arvaniti, O.S., **Kalantzi, O.I.** (2022). Exposure to phthalates from personal care products: Urinary levels and predictors of exposure. *Environmental Research*, 212, 113194
3. Vardakas, L., Perdikaris, C., Zogaris, S., **Kalantzi, O.I.**, Koutsikos, N. (2022). Stakeholders Perceptions of Non-indigenous Freshwater Fish Species: A Case Study from a Mediterranean Biodiversity Hotspot. *Environmental Management*, 69 (6), 1091-1101
4. Nezis, I., Biskos, G., Eleftheriadis, K., Fetfatzis, P., Popovicheva, O., Sitnikov, M., **Kalantzi, O.I.** (2022). Linking indoor particulate matter and black carbon with sick building syndrome symptoms in a public office building. *Atmospheric Pollution Research*, 13 (1):101292
5. Aminiyan, M.M., **Kalantzi, O.I.**, Etesami, H., Khamoshi, S.E., Hajiali Begloo, R., Aminiyan, F.M. (2021). Occurrence and source apportionment of polycyclic aromatic hydrocarbons (PAHs) in dust of an emerging industrial city in Iran: implications for human health. *Environmental Science and Pollution Research*, 28 (44), 63359-63376
6. Kanelli, A.A., Dimitrakopoulos, P.G., Fyllas, N.M., Chrousos, G.P., **Kalantzi, O.I.** (2021). Engaging the Senses: The Association of Urban Green Space with General Health and Well-Being in Urban Residents. *Sustainability*. 13(13):7322
7. Miralles-Marco, A., Wang, M., Park, J-S., Gatidou, G., Nika, M-C., Bialorucki, S., **Kalantzi, O.I.**, Thomaidis, N.S., Stasinakis, A.S., Petreas, M. (2021). Exploring the integrity of targeted PFASs in extracted wastewater samples during transport and storage stages. *Chemosphere*, 282, 131065

8. Amir, S., Shah, S.T.A., Mamoulakis, C., Docea, A.O., **Kalantzi, O.-I.**, Zachariou, A., Calina, D., Carvalho, F., Sofikitis, N., Makrigiannakis, A., Tsatsakis, A. (2021) Endocrine Disruptors Acting on Estrogen and Androgen Pathways Cause Reproductive Disorders through Multiple Mechanisms: A Review. *International Journal of Environmental Research and Public Health*, 18, 1464
9. Pikula, K., Kirichenko, K., Vakhniuk, I., **Kalantzi, O.I.**, Kholodov, A., Orlova, T., Markina, Z., Tsatsakis, A., Golokhvast, K. (2021). Aquatic toxicity of particulate matter emitted by five electroplating processes in two marine microalgae species, *Toxicology Reports*, 8, pp. 880-887
10. Koutsikos, N., Vardakas, L., **Kalantzi, O.I.**, Zogaris, S. (2021). Patterns of Spatial Overlap between Non-Indigenous and Critically Endangered Freshwater Fishes from a Mediterranean Biodiversity Hotspot. *Diversity*, 13(6):233
11. Koutsikos, N., Zogaris, S., Vardakas, L., **Kalantzi, O.I.** (2021). Non-indigenous freshwater fish research in Greece: Current status and future prospects. *Mediterranean Marine Science*, 22/2 2021, 393-406
12. Koutsikos, N., Vardakas, L., Vavalidis, T., Kalogianni, E., Dimitriou, E., **Kalantzi, O.I.**, Zogaris, S. (2021). Defining non-indigenous fish assemblage types in Mediterranean rivers: Network analysis and management implications. *Journal of Environmental Management*. 278, 111551
13. Arvaniti, O.S., **Kalantzi, O.I.** (2021). Determinants of flame retardants in non-occupationally exposed individuals – A review. *Chemosphere* 263, 127923
14. Thomaidi, V.S., Tsaouridou, A., Matsoukas, C., Stasinakis, A.S., Petreas, M., **Kalantzi, O.I.** (2020). Risk assessment of PFASs in drinking water using a probabilistic risk quotient methodology, *Science of The Total Environment*, 712
15. Nika, M.C., Ntaiou, K., Elytis, K., Thomaidi, V.S., Gatidou, G., **Kalantzi, O.I.**, Thomaidis, N.S., Stasinakis, A.S. (2020). Wide-scope target analysis of emerging contaminants in landfill leachates and risk assessment using Risk Quotient methodology. *Journal of Hazardous Materials*, 122493
16. Jones, N., Malesios, C., Aloupi, M., Proikaki, M., Tsalis, T., Hatziantoniou, M., Dimitrakopoulos, P.G., Skouloudis, A., Holtvoeth, J., Nikolaou, I., Stasinakis, A.S., **Kalantzi, O.I.**, Gatidou, G., Zkeri, E., Koulousaris, M., Evangelinos, K.I. (2019) Exploring the role of local community perceptions in sustainability measurements, *International Journal of Sustainable Development & World Ecology*, 26 (6), 471-483
17. Colles, A., Ardeleanu, E.R., Candeias, C., Ranzi, A., Demeter, Z., Hofer, A., Kowalska, M., Makris, K.C., Arrebola, J.P., Schoeters, G., Hough, R., Pérez-Carrascosa, F.M., Iavarone, I., Martin-Olmedo, P., **Kalantzi, O.I.**, Ancona, C., Pasetto, R., Fletcher, T., Hoek, G., de Hoogh, K. (2019). Human biomonitoring as a tool for exposure assessment in industrially contaminated sites (ICSs). Lessons learned within the ICS and Health European Network. *Epidemiologia e prevenzione*, 43 (4), 1-11
18. Kantsa, A., Raguso, R.A., Lekkas, T., **Kalantzi, O.I.**, Petanidou, T. (2019). Floral volatiles and visitors: a meta-network of associations in a natural community. *Journal of Ecology*. 107 (6), 2574-2586
19. Koutsikos, N., Zogaris, S., Vardakas, L., **Kalantzi, O.I.**, Dimitriou, E., Economou, A.N. (2019). Tracking non-indigenous fishes in lotic ecosystems: Invasive patterns at different spatial scales in Greece. *Science of the Total Environment*, 659, 384-400
20. Koutsikos, N., Vardakas, L., Zogaris, S., Perdikaris, C., **Kalantzi, O.I.**, Economou, A.N. (2019). Does rainbow trout justify its high rank among alien invasive species? Insights from a nationwide survey in Greece. *Aquatic Conservation: Marine and Freshwater Ecosystems*, 29 (3), 409-423

21. Minogiannis, P., Valenti, M., Kati, V., **Kalantzi, O.I.**, Biskos, G. (2019). Toxicity of pure silver nanoparticles produced by spark ablation on the aquatic plant *Lemna minor*. *Journal of Aerosol Science*, 128, 17-21
22. Nezis, G., Biskos, G., Eleftheriadis, K., **Kalantzi, O.I.** (2019). Particulate matter and health effects in offices – A review. *Building and Environment*, 156, 62-73
23. Tsoli, S., Ploubidis, G.B., **Kalantzi, O.I.** (2019). Particulate air pollution and birth weight: a systematic literature review. *Atmospheric Pollution Research*. 10 (4), 1084-1122
24. Katima, Z.J., Olubiyi, O., **Kalantzi, O.I.**, Daso, A.P., Okonkwo, J.O. (2018). The occurrence of brominated flame retardants in the atmosphere of Gauteng Province, South Africa using polyurethane foam passive air samplers and assessment of human exposure. *Environmental Pollution*, 242, 1894-1903
25. Hoek, G., Ranzi, R., Alimehmeti, I., Ardeleanu, E.R., Arrebola, J.P., Ávila, P., Candeias, A., Colles, A., Crişan, G.C., Dack, S., Demeter, Z., Fazzo, L., Fierens, T., Flückiger, B., Gaengler, S., Hänninen, O., Harzia, H., Hough, R., Iantovics, B.L., **Kalantzi, O.I.**, Karakitsios, S.P., Markis, K.C., Martin-Olmedo, P., Nechita, E., Nicoli, T., Orru, H., Pasetto, R., Pérez-Carrascosa, F.M., Pestana, D., Rocha, F., Sarigiannis, D.A., Teixeira, J.P., Tsadilas, C., Tasic, V., Vaccari, L., Iavarone, I., de Hoogh, K. (2018). A review of exposure assessment methods for epidemiological studies of health effects related to industrially contaminated sites. *Epidemiologia e prevenzione*, Special issue on Environmental health challenges from industrial contamination, 42 (5-6 S1), 21-36
26. Kourmouli, A., Valenti M., van Rijn, E., Beaumont, H.J.E., **Kalantzi, O.I.**, Schmidt-Ott, A., Biskos, G. (2018). Can disc diffusion susceptibility tests assess the antimicrobial activity of engineered nanoparticles? *Journal of Nanoparticle Research*, 20, 62
27. Malliari, E., Kalantzi, O.I (2017). Children’s exposure to brominated flame retardants in indoor environments – A review. *Environment International*, 108, 146-169
28. Tsatsakis, A.M., Nawaz., M.A., Tutelyan, V.A., Golokhvast, K.S., **Kalantzi, O.I.**, Chung, D.H., Kang, S.J., Coleman, M.D., Tyshko, N., Yang, S.H., Chung, G. (2017). Impact on environment, ecosystem, diversity and health from culturing and using GMOs as feed and food. *Food and Chemical Toxicology*, 107, 108-121.
29. Vinceti, M., Violi, F., Tzatzarakis, M., Mandrioli, J., Malagoli, C., Hatch, E., Fini, N., Fasano, A., Rakitskii, V., **Kalantzi, O.I.**, Tsatsakis, A.M. (2017). Pesticides, polychlorinated biphenyls and polycyclic aromatic hydrocarbons in cerebrospinal fluid of amyotrophic lateral sclerosis patients: a case-control study. *Environmental Research*, 155, 261-267.
30. Katsikantami, I., Sifakis, S., Tzatzarakis, M.N., Vakonaki, E., **Kalantzi, O.I.**, Tsatsakis, A.M., Rizos, A.K. (2016). A global assessment of phthalates burden and related links to health effects. *Environment International*, 97, 212-236
31. Vasios, G., Kosmidi, A., **Kalantzi, O.I.**, Tsantili-Kakoulidou, A., Kavantzias, N., Theocharis, S., Giaginis, C. (2016). Simple physicochemical properties related with lipophilicity, polarity, molecular size and ionization status exert significant impact on the transfer of drugs and chemicals into human breast milk. *Expert Opinion on Drug Metabolism and Toxicology*, 12 (11), 1273-1278.
32. Dimitriadou, L., Malarvannan, G., Covaci, A., Iossifidou, E., Tzafetas, I., Zournatzi-Koioy, V. and **Kalantzi O.I.** (2015). Levels and profiles of brominated and chlorinated contaminants in human breast milk from Thessaloniki, Greece. *Science of the Total Environment*, 539, 350-358
33. **Kalantzi, O.I** and Biskos, G. (2014). Kalantzi, O.-I.; Biskos, G. Methods for Assessing Basic Particle Properties and Cytotoxicity of Engineered Nanoparticles. *Toxics*, 2, 79-91
34. Kezios, K.L., Liu, X., Cirillo, P.M., Cohn, B.A., **Kalantzi, O.I.**, Wang, Y., Petreas, M.X., Park, J.-S. and Factor-Litvak, P. (2013). Dichlorodiphenyltrichloroethane (DDT), DDT metabolites and pregnancy outcomes. *Reproductive Toxicology*, 35, 156-164

35. **Kalantzi, O.I.** and Alcock, R.E. (2012). Short-chain chlorinated paraffins in biota – levels and effects. *Global NEST Journal*, 14 (1), 66-71
36. Kezios, K.L., Liu, X., Cirillio, P.M., Yu, H.H., Cohn, B.A., **Kalantzi, O.I.**, Wang, Y., Petreas, M.X., Park, J.S. and Pam Factor-Litvak (2012). DDT, DDT Metabolites and Birth Weight. *Environmental Health: A Global Access Science Source*, 11 (1), article number 49
37. **Kalantzi, O.I.**, Geens, T., Covaci, A., and Siskos, P.A. (2011). Distribution of polybrominated diphenyl ethers (PBDEs) and other persistent organic pollutants in human serum from Greece. *Environment International*, 37 (2), 113-117
38. **Kalantzi, O.I.** and Siskos, P.A. (2011). Sources and exposure of PBDEs in humans. *Global NEST Journal*, 13 (2), 99-108
39. Park, J-S., **Kalantzi, O.I.**, Kopec, D. and Petreas, M. (2009). Polychlorinated biphenyls (PCBs) and their hydroxylated metabolites (OH-PCBs) in harbor sea (*Phoca vitulina*) livers from San Francisco Bay and Gulf of Maine (2009). *Marine Environmental Research*, 67, 129–135
40. **Kalantzi, O.I.**, Brown, F.R., Caleffi, M., Goth-Goldstein, R. and Petreas, M. (2009). Polybrominated diphenyl ethers (PBDEs) and polychlorinated biphenyls (PCBs) in human breast adipose samples from Brazil. *Environment International*, 35, 113-117
41. Thomas, G.O., Farrar, D., Braekevelt, E., Stern, G., **Kalantzi, O.I.**, Martin, F.L. and Jones, K.C. (2006). Short and medium chain length chlorinated paraffins in UK human milk fat. *Environment International*, 32, 34-40
42. **Kalantzi, O.I.**, Thomas, G.O., Hall, A.J. and Jones, K.C. (2005). Polybrominated diphenyl ethers (PBDEs) and selected organochlorine chemicals in tagged grey seal (*Halichoerus grypus*) pups in the North Sea. *Chemosphere*, 58, Issue 3, 354-354
43. **Kalantzi, O.I.**, Hewitt, R., Ford, K.J., Alcock, R.E., Thomas, G.O., Morris, J.A., Hewer, A., Phillips, D.H., Jones, K.C and Martin, F.L. (2004). Inter-individual differences in the ability of human milk-fat extracts to enhance the genotoxic potential of the procarcinogen benzo[*a*]pyrene in MCF-7 breast cells. *Environmental Science and Technology*, 38, 3614-3622
44. **Kalantzi, O.I.**, Martin, F.L., Thomas, G.O., Alcock, R.E., Tang, H.R., Drury, S.C., Carmichael, P.L., Nicholson, J.K and Jones, K.C. (2004). Different levels of polybrominated diphenyl ethers (PBDEs) and chlorinated compounds in breast milk from two UK regions. *Environmental Health Perspectives*, 112, no. 10, 1085-1091
45. **Kalantzi, O.I.**, Hewitt, R., Ford, K.J., Cooper, L., Alcock, R.E., Thomas, G.O., Morris, J.A., McMillan, T.J., Jones, K.C and Martin, F.L. (2004). Low dose induction of micronuclei by lindane. *Carcinogenesis*, 25, 613-62
46. Hall, A.J., **Kalantzi, O.I.** and Thomas, G.O. (2003). Polybrominated diphenyl ethers (PBDEs) in grey seals during their first year of life – are they thyroid hormone endocrine disrupters? *Environmental Pollution*, 126, Issue 1, 29-37
47. **Kalantzi, O.I.**, Alcock, R.E., Johnston, P.A., Santillo, D., Stringer, R.L., Thomas, G.O. and Jones, K.C. (2001). The global distribution of PCBs and organochlorine pesticides in butter. *Environmental Science and Technology*, 35, 1013-1018

Book chapters

1. Tsatsakis, A.M., Katsikantami, I., **Kalantzi, O.I.**, Sevim, Ç., Tsarouhas, K., Sarigiannis, D., Tzatzarakis, M.N., Rizos, A.K. (2019). Phthalates: Exposure and health effects. *Encyclopedia of Environmental Health*, 163-173. Elsevier online reference module: <https://doi.org/10.1016/B978-0-12-409548-9.11434-4>
2. Proikaki, M., Jones, N., Nagopoulos, N., Chatziantoniou, M., **Kalantzi, O.I.**, Skouloudis, A., Evangelinos, K. (2017). Incorporating social indicators of sustainability in public policies for environmentally degraded areas: The case of the Asopos river. *Handbook of*

Research on Policies and Practices for Sustainable Economic Growth and Regional Development, pp. 297-305.

3. Kalantzi, O.I., Siskos, P.A. (2015). Turning Beauty into the Beast: Pharmaceuticals and Personal Care Products in the Aquatic Environment. *Impacts of atmospheric pollutants on ecosystems and human health*. Editors: S.K. Majumdar and B. Bhattacharya, ISBN: 978-81-928924-3-6

Conference presentations

1. **Co-chair** of the 10th International Symposium on Brominated Flame Retardants (BFR 2022), Athens, Greece. September 2022
2. Koi, A.M., Koutsikos, N., Karris, G., Tsangaris, C., Dimitriou, E., **Kalantzi, O.I.** Microplastics in the Gastrointestinal Tracts of a Freshwater Chub (*Squalius vardarensis*) From an Eastern Mediterranean River. *Poster presented at the 32nd SETAC Europe meeting, Copenhagen, Denmark, May 2022.*
3. Koutsellis, L., Arp, H.P., Hale, S., Gatidou, G., Vakalis, S., **Kalantzi, O.I.**, Stasinakis, A., Fountoulakis, M. Fate of Benzotriazoles During Anaerobic Digestion of Sewage Sludge. *Poster presented at the 32nd SETAC Europe meeting, Copenhagen, Denmark, May 2022.*
4. Arp, H.P., Allan, I.J., Stasinakis, A., Cousins, I., Escher, S., Goldenman, G., Gouin, T., Hahn, S., Bitsch, A., Hamers, T., **Kalantzi, O.I.**, Lennquist, A., Muro, M., Pahl, S., Peters, G., Riegel, M., Scheurer, M., Schliebner, I., Schymanski, E., Van Bavel, B., van Duursen, M., Wang, Z., and Hale, S. ZeroPM - Zero Pollution of Persistent, Mobile Substances. *Poster presented at the 32nd SETAC Europe meeting, Copenhagen, Denmark, May 2022.*
5. Kanelli A.A., Kokkinaki M., Sinvare M.D., Georgantas C., Malesios C., **Kalantzi O.I.** Associations of urban green spaces, urban blue spaces and wellbeing - a case study during the COVID-19 pandemic in Greece. *E-poster presentation at the virtual 2nd World Conference on Forests for Public Health. October 2021.*
6. Nezis, I., Biskos, G., **Kalantzi, O.I.** The positive impact of the first-wave COVID-19 lockdown on urban air quality in Greece. *E-poster presentation at the virtual 33rd Conference of the International Society for Environmental Epidemiology (ISEE 2021). August 2021.*
7. Kanelli, A.A., Kokkinaki, M., Sinvare, M.D., Malesios, C., **Kalantzi, O.I.** Urban nature exposure in the time of COVID-19: associations between visitation patterns, mental health and perceived value. *E-poster presentation at the virtual 33rd Conference of the International Society for Environmental Epidemiology (ISEE 2021). August 2021.*
8. Koutsikos, N., Vardakas, L., Zogaris, S., **Kalantzi, O.I.** Overlapping areas of non-indigenous and critically endangered freshwater fishes: setting conservation priorities in Greece. *E-poster presentation at the 1st International Electronic Conference on Biological Diversity, Ecology, and Evolution, March 2021.*
9. **Kalantzi, O.I.** Prenatal pesticide exposure and children's health. *Presentation at the virtual 2nd International Industrial and Environmental Toxicology Congress (IETOX 2020). November 2020.*
10. Nezis, I., Biskos, G., Eleftheriadis, K., Fetfatzis, P., Popovicheva, O., Sitnikov, N., **Kalantzi, O.I.** Air Quality and sick building syndrome symptoms in a public building in Athens, Greece. *E-poster presentation at the virtual 32nd Conference of the International Society for Environmental Epidemiology (ISEE 2020). August 2020.*
11. Kanelli, A.A., **Kalantzi O.I.** Association of urban green space with general health and wellbeing in adults from Greece. *E-poster presentation at the virtual 32nd Conference of the International Society for Environmental Epidemiology (ISEE 2020). August 2020.*

12. Thomaidi, V.S., Tsahouridou, A., Petreas, M., Stasinakis, A.S., **Kalantzi, O.I.** Human exposure to PFCs by drinking water. *Talk presented at the 16th International Conference on Environmental Science and Technology (CEST 2019). Rhodes, Greece, September 2019.*
13. **Kalantzi O.I.**, Castorina, R., Gunier, R.B., Kogut, K., Holland, N., Eskenazi, B., Bradman, A. Determinants of organophosphorus pesticide urinary metabolite levels in pregnant women from the CHAMACOS cohort. *Poster presentation at the 31st Conference of the International Society for Environmental Epidemiology (ISEE 2019). Utrecht, Netherlands, August 2019.*
14. Colles, A., Ardeleanu, E.R., Candeias, C., Ranzi, A., Demeter, Z., Hofer, A., Kowalska, M., Makris, K.C., Arrebola, J.P., Schoeters, G., Hough, R., Iavarone, I., Martin-Olmedo, P., **Kalantzi, O.I.**, Ancona, C., Pasetto, R., Fletcher, T., Hoek, G., de Hoogh, K. Lessons learned from human biomonitoring used for exposure assessment in industrially contaminated sites. *Talk presented at the 11th International Symposium on Biological Monitoring in Occupational and Environmental Health (ISBM-11). Leuven, Belgium, August 2019.*
15. Pagoni, A., **Kalantzi O.I.** Determinants of flame retardants in non-occupationally exposed humans. *Talk presented at the 9th International Symposium on Flame Retardants (BFR 2019). Montreal, Canada, May 2019.*
16. **Kalantzi, O.I.** Industrial pollution and spatial stigma: the case of Asopos river basin. *Talk presented at the Final Plenary Conference of the ICSHNet COST Action. Rome, Italy, February 2019.*
17. **Kalantzi, O.I.** Beyond the dirty dozen: Human biomonitoring of legacy and emerging organic pollutants in Europe. *Invited talk at the 1st International Congress of Agriculture, Environment and Health (ICAEH 2018). Aydin Turkey, October 2018.*
18. *Chair of the “Refining the assessment of human exposures to emerging contaminants and their health effects” session in the 15th International Conference on Environmental Science and Technology (CEST 2017). Rhodes, Greece, September 2017*
19. Malliari, E., **Kalantzi, O.I.** Children’s exposure to brominated flame retardants in indoor microenvironments. *Poster presentation at the 37th International Symposium on Halogenated Environmental Organic Pollutants and POPs (Dioxin 2017). Vancouver, Canada, August 2017.*
20. Dimitriadou, L., Malarvannan, G., Covaci, A., Iossifidou, E., Tzafettas, J., Zournatzi-Koiou, V., **Kalantzi, O.I.** Human exposure to persistent organic pollutants in Greece – levels and effects. *Invited speaker at the 9th Congress of the Turkish Society of Toxicology (TurkHelTox 2015). Cesme, Turkey, October 2015.*
21. Tsoli, S., Ploubidis, G. and **Kalantzi, O.I.** Particulate air pollution and birth weight: a systematic review of the literature. *Poster presented at the 9th UK and Ireland Conference on Occupational and Environmental Epidemiology (OEEC 2015). Oxford, UK, April 2015.*
22. Kantsa, A., Raguso, R.A., Olesen, J.M, **Kalantzi, O.I.**, Lekkas, T., Petanidou, T. The functional role of the floral scents in plant–pollinator networks. *Talk presented at the 7th Panhellenic Conference of the Hellenic Ecological Society. Mytilene, Greece, October 2014.*
23. Evangelinos K., Jones N., Aloupi M., **Kalantzi O.I.**, Stasinakis A., Sazakli E., Leotsinidis M., Siavalas G., Christanis K., Vakros J. and Karapanagioti H.K. Integrating sustainability in participatory decision-making (INSPIRED): Asopos sediment monitoring. *Talk presented at the I2SM International Symposium on Sediment Management. Ferrara, Italy, September 2014.*
24. Dimitriadou, L., Malarvannan, G., Covaci, A., Iossifidou, E., Tzafetas, I., Zournatzi-Koiou, V. and **Kalantzi, O.I.** Polybrominated diphenyl ethers and chlorinated organic pollutants in human breast milk from Thessaloniki, Greece. *Poster presented at the 34th International*

Symposium on Halogenated Persistent Organic Pollutants (Dioxin 2014). Madrid, Spain, August 2014.

25. Minogiannis, P., Valenti, M., Kati, V., **Kalantzi, O.I.** and Biskos, G. Toxicity of silver and gold nanoparticles, produced in the gas phase, to the aquatic plant *Lemna minor*. *Poster presented at SETAC Europe 24th Annual Meeting. Basel, Switzerland, May 2014.*
26. **Kalantzi, O.I.** and Siskos, P.A. Playing with fire: human exposure to brominated flame retardants in the workplace. *Invited speaker at 4th International Conference on Ecotoxicology and Environmental Sciences (ICEES-2014), New Delhi, India, February 2014.*
27. **Kalantzi, O.I.** and Siskos, P.A. Turning beauty into the beast: pharmaceuticals and personal care products in the aquatic environment. *Invited speaker at 4th International Conference on Ecotoxicology and Environmental Sciences (ICEES-2014), New Delhi, India, February 2014.*
28. **Kalantzi, O.I.** Human exposure and health effects of brominated flame retardants. *Invited lecture at the Toxicology Centre, University of Saskatchewan, Saskatoon, Canada, November 2013.*
29. Kourmouli, A., Valenti, M., Beaumont, B., **Kalantzi, O.I.**, Schmidt-Ott, A. and Biskos, G. Can Antibiograms Assess the Toxicity of Engineered Nanoparticles?, *Poster presented at the European Aerosol Conference (EAC 2013). Prague, Czech Republic, September 2013..*
30. *Chair of the “Biomonitoring” session in the 13th International Conference on Environmental Science and Technology (CEST 2013). Athens, Greece, September 2013*
31. Kantsa, A., Raguso, R., Tcheulin, T., **Kalantzi, O.I.** and Petanidou, T. From dusk till dawn: Does pollen deposition affect floral volatile emissions of the night blooming *Capparis spinosa* L.? *Talk presented at SCAPE 2012. Oslo, Norway, October 2012.*
32. Kantsa, A., **Kalantzi, O.I.**, Lekkas, T. and Petanidou T. Calling in vain: the mystery with *Capparis spinosa* L. flower phenotype. *Talk presented at the 6th Panhellenic Conference of Greek Ecology Company. Athens, Greece, October 2012.*
33. Kourmouli, A., Kavarnou, P., Barbounis, K., **Kalantzi, O.I.** and Biskos, G. Enabled Aerosol-based Methods for Assessing the Toxicity of Engineered Nanoparticles, *Poster presented at the European Aerosol Conference (EAC 2012). Granada, Spain, September 2012.*
34. Factor-Litvak, P., Friedenson, C., Liu, X., Cirillo, P., **Kalantzi, O.**, Wang, Y., Petreas, M., Park, J-S., Kezios, K. and Cohn, B. Organochlorine Compounds and Thyroid Function in Pregnant Women. *Poster presented at the 24th annual conference of the International Society for Environmental Epidemiology (ISEE 2012). Columbia, South Carolina, USA, August 2012.*
35. Kezios, K.L., Liu, X., Cirillio, P.M., Yu, H.H., Cohn, B.A., **Kalantzi, O.I.**, Wang, Y., Petreas, M.X., Park, J-S. and Factor-Litvak, P. Prenatal organochlorine exposure and cognition: results from the CHDS. *Poster presentation at PPTOX III (Prenatal programming and toxicity). Paris, France, May 2012.*
36. *Chair of the “Brominated Compounds – Fate and Transport 1” session in the 31st International Symposium on Halogenated Environmental Organic Pollutants and POPs (Dioxin 2011). Brussels, Belgium, August 2011*
37. *Chair of the “Biomonitoring” session of the 12th Conference on Environmental Science and Technology. Rhodes, Greece, September 2011*
38. **Kalantzi, O.I.** and Alcock, R.E. Short-chain chlorinated paraffins in biota – levels and effects. *Talk presented at the 12th Conference on Environmental Science and Technology. Rhodes, Greece, September 2011.*
39. **Kalantzi, O.I.** Occupational exposure to brominated flame retardants. *Talk presented at the 1st International Conference in Safety and Crisis Management. Nicosia, Cyprus, June 2011.*

40. Kezios, K., Liu, X., Cirillio, P., Yu, H., Cohn, B., **Kalantzi, O.I.**, Wang, Y., Petreas, M., Park, J-S. and Factor-Litvak, P. DDT, DDT Metabolites and Birth Weight. *Poster presentation at the 3rd Congress of Epidemiology. Montreal, Canada, June 2011.*
41. Kezios, K., Liu, X., Cirillio, P., Yu, H., Cohn, B., **Kalantzi, O.I.**, Wang, Y., Petreas, M., Park, J-S. and Factor-Litvak, P. Prenatal PCB exposure is associated with decreased gestational length. *Poster presentation at the 3rd Congress of Epidemiology. Montreal, Canada, June 2011.*
42. Yu, H., Liu, X., Kezios, K., **Kalantzi, O.I.**, Wang, Y., Petreas, M., Park, J-S., Cirillio, P., Cohn, B. and Factor-Litvak, P. Prenatal Organochlorine Exposure, Maternal Thyroid Function and Neurocognitive Development. *Poster presentation at the 3rd Congress of Epidemiology. Montreal, Canada, June 2011.*
43. **Kalantzi, O.I.** Short-chain chlorinated paraffins – the new POPs? *Talk presented at the 7th Aegean Analytical Chemistry Days (AACD). Mytilene, Greece, October 2010.*
44. *Chair in the 3rd Conference on Environmental Policy and Management. Mytilene, Greece. May 2010.*
45. **Kalantzi, O.I.**, Covaci, A., Geens, T. and Siskos, P.A. Polybrominated diphenyl ethers (PBDEs) and other persistent organic pollutants in computer users from Greece – *Poster presentation at the 5th International Symposium on Brominated Flame Retardants (BFR 2010). Kyoto, Japan. April 2010.*
46. Brown, F.R., Park, J-S., **Kalantzi, O.I.**, Petreas, M. Biomonitoring of persistent organic pollutants in humans using gas chromatography-mass spectrometry – *Presentation at Mass Spectrometry: Applications to the Clinical Laboratory 2010 conference (MSACL 2010), San Diego, USA, February 2010.*
47. **Kalantzi, O.I.**, Kalopetri, M., Panagopoulos, D. and Lekkas, T.D. Combined analytical method for the detection of chloral hydrate and 1,3-dichloro-2-propanol in water samples – *Poster presentation at the 12th EuChemS International Conference on Chemistry and the Environment (ICCE 2009). Stockholm, Sweden, June 2009.*
48. **Kalantzi, O.I.**, Covaci, A., Geens, T., Siskos, P.A. Levels of PBDEs and other persistent organic pollutants in computer users from Greece – *Talk presented at the 9th European Meeting on Environmental Chemistry (EMEC). Girona, Spain, December 2008.*
49. **Kalantzi, O.I.**, Siskos, P.A. Turning beauty into the beast: pharmaceuticals and personal care products in the water supply – *Oral presentation at the 3rd International Conference on Water Science and Technology (AQUA 2008), Athens, Greece, October 2008.*
50. **Kalantzi, O.I.**, Esposito, V., Tundo, P. and Siskos, P.A. Polybrominated diphenyl ethers in the blood of computer clerks from Greece – *Poster presentation at the 18th SETAC Europe Annual Meeting, Warsaw, Poland, May 2008.*
51. **Kalantzi, O.I.**, Esposito, V. and Siskos, P.A. PBDEs and human health – *Oral presentation at the 5th Symposium of Environmental Chemistry and Protection, Tara, Serbia, May 2008,*
52. *Participation in the “Water in the era of climate change” conference, Athens, Greece, March 2008.*
53. Park, J-S., **Kalantzi, O.I.**, Kopec, D. and Petreas, M. Hepatic retention of polychlorinated biphenyls (PCBs) and their hydroxylated metabolites (OH-PCBs) in harbor seals (*Phoca vitulina*) from California and Maine – *Poster presentation at the 27th International Symposium on Halogenated Environmental Organic Pollutants and POPs (Dioxin 2007). Tokyo, Japan, September 2007.*
54. **Kalantzi, O.I.** and Siskos, P.A. Polybrominated diphenyl ethers in humans - sources and exposure. *Talk presented at the 10th International Conference of Environmental Science and Technology (CEST 2007). Kos, Greece, September 2007.*
55. Park, J.S., **Kalantzi, O.I.**, Kopec, D. and Petreas, M. Polychlorinated biphenyls and their hydroxylated metabolites (OH-PCBs) in livers of harbor seal (*Phoca vitulina*) from

California and Maine coasts. *Poster presentation at the 17th Annual meeting of the Northern California regional chapter of SETAC. Berkeley, USA, May 2007.*

56. Park, J-S., **Kalantzi, O.I.**, Kopec, D. and Petreas, M. Measurements of PCBs and their metabolites (OH-PCBs) in blubber and liver of harbor seals from California and Maine – *Talk presented at the 232nd ACS National Meeting. San Francisco, USA, September 2006.*
57. **Kalantzi, O.I.**, Brown, R.F, Erdmann, C., Caleffi, M., Goth-Goldstein, R. and Petreas, M. Polybrominated diphenyl ethers (PBDEs) in human breast adipose tissue samples from Brazil – *Poster presented at the 25th International Symposium on Halogenated Environmental Organic Pollutants and POPs (Dioxin 2005), Toronto, Canada, August 2005.*
58. Brown, F.R., **Kalantzi, O.I.**, Winkler, J., Dhaliwal, J. and Petreas, M. Combined PBDE/PCB analysis using GC/MS with ECNCI detection – *Talk presented at the 25th International Symposium on Halogenated Environmental Organic Pollutants and POPs (Dioxin 2005), Toronto, Canada, August 2005.*
59. *Participation in the 24th International Symposium on Halogenated Environmental Organic Pollutants and POPs (Dioxin 2004), Berlin, Germany, August 2004.*
60. *Participation in the 'Environmental health impacts: occurrence, exposure and significance' Workshop, Lancaster University, UK, September 2003.*
61. **Kalantzi, O.I.**, Alcock, R.E., Martin, F.L., Thomas, G.O. and Jones, K.C. Polybrominated diphenyl ethers (PBDEs) and selected organochlorines in human breast milk samples from the United Kingdom – *Talk presented at the 23rd International Symposium on Halogenated Environmental Organic Pollutants and POPs (Dioxin 2003), Boston, USA, August 2003.*
62. Martin, F.L., **Kalantzi, O.I.**, Jones, K.C., Alcock, R.E., Thomas, G.O. and Cooper, L. Hormone-induced DNA damage in breast and prostate cells – *Poster presentation at the 94th Annual Meeting of the American Association for Cancer Research. Washington DC, USA, July 2003.*
63. Jones, K.C., Alcock, R.E., **Kalantzi, O.I.**, Thomas, G.O., Asplund, L. and Kierkegaard, A. Environmental measurements and the global distribution of PBDEs - *Talk presented at the 2nd International Workshop on Brominated Flame Retardants (BFR 2001), Stockholm, Sweden, May 2001.*
64. **Kalantzi, O.I.**, Thomas, G.O., Hall, A.J. and Jones, K.C. Polybrominated diphenyl ethers in North Sea grey seal (*Halichoerus grypus*) pups – *Poster presented at the 2nd International Workshop on Brominated Flame Retardants (BFR 2001), Stockholm, Sweden, May 2001.*
65. Hall, A.J., **Kalantzi, O.I.**, Thomas, G.O. and Jones, K.C. The effect of polybrominated diphenyl ethers on growth and development in grey seal (*Halichoerus grypus*) pups – *Poster presented at the 2nd International Workshop on Brominated Flame Retardants (BFR 2001), Stockholm, Sweden, May 2001.*
66. **Kalantzi, O.I.**, Alcock, R.E., Johnston, P.A., Santillo, D., Stringer, R.L., Thomas, G.O. and Jones, K.C. The global distribution of PCBs and organochlorine pesticides in butter – *Poster presented at the SETAC Europe 11th Annual Meeting, Madrid, Spain, May 2001.*
67. **Kalantzi, O.I.** Polybrominated diphenyl ethers in grey seal pups – *Oral presentation at the Postgraduate Marine Mammal Workshop. St. Andrews, Scotland, December 2000.*
68. **Kalantzi, O.I.**, Thomas, G.O., Alcock, R.E., Stephenson, A. and Jones, K.C. A global survey of PCBs and organochlorine pesticides in butter – *Poster presented at the 20th International Symposium on Halogenated Environmental Organic Pollutants and POPs (Dioxin 2000), Monterey, USA, August 2000.*

Conference Proceedings in Journals:

1. **Kalantzi O.I.**, Castorina, R., Gunier, R.B., Kogut, K., Holland, N., Eskenazi, B., Bradman, A. Determinants of organophosphorus pesticide urinary metabolite levels in pregnant women from the CHAMACOS cohort. *Environmental Epidemiology*: October 2019, 3, 189
2. Dimitriadou, L., Malarvannan, G., Covaci, A., Iossifidou, E., Tzafetas, I., Zournatzi-Koiou, V. and **Kalantzi, O.I.** (2014). Polybrominated diphenyl ethers and chlorinated organic pollutants in human breast milk from Thessaloniki, Greece. *Organohalogen Compounds*, 76, 1399-1402
3. Factor-Litvak, P., Friedenson, C., Liu, X., Cirillo, P., **Kalantzi, O.I.**, Wang, Y., Petreas, M., Park, J-S., Kezios, K. and Cohn, B. (2012). Organochlorine Compounds and Thyroid Function in Pregnant Women. *Epidemiology*, 23 (5S)
4. Kezios, K., Liu, X., Cirillio, P., Yu, H., Cohn, B., **Kalantzi, O.I.**, Wang, Y., Petreas, M., Park, J-S. and Factor-Litvak, P. (2011). DDT, DDT Metabolites and Birth Weight. *American Journal of Epidemiology*, 173 (S11)
5. Kezios, K., Liu, X., Cirillio, P., Yu, H., Cohn, B., **Kalantzi, O.I.**, Wang, Y., Petreas, M., Park, J-S. and Factor-Litvak, P. (2011). Prenatal PCB exposure is associated with decreased gestational length. *American Journal of Epidemiology*, 173 (S11)
6. Yu, H., Liu, X., Kezios, K., **Kalantzi, O.I.**, Wang, Y., Petreas, M., Park, J-S., Cirillio, P., Cohn, B. and Factor-Litvak, P. (2011). Prenatal organochlorine exposure, maternal thyroid function and neuromotor development. *American Journal of Epidemiology* 173 (S11)
7. Park, J-S., **Kalantzi, O.I.**, Kopec, D. and Petreas, M. (2007). Hepatic retention of polychlorinated biphenyls (PCBs) and their hydroxylated metabolites (OH-PCBs) in harbor seals (*Phoca vitulina*) from California and Maine. *Organohalogen Compounds*, 69, 1733-176
8. **Kalantzi, O.I.**, Brown, F.R., Erdmann, C., Caleffi, M., Goth-Goldstein, R. and Petreas, M. (2005). Polybrominated diphenyl ethers (PBDEs) in human breast adipose tissue samples from Brazil. *Organohalogen Compounds*, 67, 479-481
9. Brown, F.R., **Kalantzi, O.I.**, Winkler, J., Dhaliwal, J. and Petreas, M. (2005). Combined PBDE/PCB analysis using GC/MS with ECNCI detection. *Organohalogen Compounds*, 67, 129-131
10. Martin, F.L., **Kalantzi, O.I.**, Jones, K.C., Alcock, R.E., Thomas, G.O. and Cooper, L. (2003) Hormone-induced DNA damage in breast and prostate cells. *Proceedings for the American Association for Cancer Research*, 44 (2nd ed.), 876-877
11. **Kalantzi, O.I.**, Alcock, R.E., Martin, F.L., Thomas, G.O. and Jones, K.C. (2003). Polybrominated diphenyl ethers (PBDEs) and selected organochlorines in human breast milk samples from the United Kingdom. *Organohalogen Compounds*, 61, 9-12
12. Hall, A.J., **Kalantzi, O.I.**, Thomas, G.O. and Jones, K.C. (2001). The effect of polybrominated diphenyl ethers on growth and development in grey seal (*Halichoerus grypus*) pups. Proceedings of the Second International Workshop on Brominated Flame Retardants, BFR 2001. Stockholm, May 14-16 2001, 167-169
13. **Kalantzi, O.I.**, Thomas, G.O., Hall, A.J. and Jones, K.C. (2001). Polybrominated diphenyl ethers in North Sea grey seal (*Halichoerus grypus*) pups. Proceedings of the Second International Workshop on Brominated Flame Retardants, BFR 2001. Stockholm, May 14-16 2001, 271-274
14. Jones, K.C., Alcock, R.E., **Kalantzi, O.I.**, Thomas, G.O., Asplund, L. and Kierkegaard, A. (2001). Environmental measurements and the global distribution of PBDEs. Proceedings of the Second International Workshop on Brominated Flame Retardants, BFR 2001. Stockholm, May 14-16 2001, 284-287
15. **Kalantzi, O.I.**, Thomas, G.O., Alcock, R.E., Stephenson, A. and Jones, K.C. (2000). A global survey of PCBs and organochlorine pesticides in butter. *Organohalogen Compounds*, 47, 357-360