

**CURRICULUM VITAE**  
**Professor Dr. Nikolaos KALLITHRAKAS-KONTOS**  
Technical University of Crete, Chania, Greece  
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### Personal Details

**Surname:** Kallithrakas-Kontos  
**First Name:** Nikolaos  
**Second Name:** George  
**Date of birth:** 10 October 1957  
**Place of birth:** Athens  
**Nationality:** Greek  
**Affiliation:** Technical University of Crete, University Campus 73100 Chania, Greece  
**Phone:** +30 2821 037666 (office)  
**e-mail:** [nkallithrakas@tuc.gr](mailto:nkallithrakas@tuc.gr), [kalli@mred.tuc.gr](mailto:kalli@mred.tuc.gr)  
**Family status:** Married, two children

### Education

**1981 - 1985:** PhD University of Athens, Department of Chemistry Thesis in collaboration with National Research Centre "Demokritos" (4-year Scholarship: Greek Atomic Energy commission)  
**1975 - 1981:** University of Athens, Department of Chemistry  
**1969 - 1975:** Secondary School in Athens (Greece)

### Carrier

**2006-present:** Professor (Analytical Chemistry), Technical University of Crete, Department of Mineral Resources Engineering and Department of Sciences  
**2001-2006:** Associate Professor, Technical University of Crete (Department of Sciences)  
**1995-2001:** Assistant Professor, Technical University of Crete (Department of Sciences)  
**1992-1995:** Lecturer in the Technical University of Crete (Department of Sciences)  
**1990-1992:** Post Doctoral Researcher in the National Research Centre "Demokritos" (Institute of Nuclear Technology and Radiation Protection, Environmental Radiation Laboratory).  
**1990-1990:** Greek Chemical Company "G.K. Chemotechnical Products"  
**1987-1989:** NRC "Demokritos" and Numismatic Museum of Athens (common research project, supported by the Greek Secretariat of Research and Technology)  
**1985 - 1987:** Military Service

### Teaching Experience

Undergraduate and Graduate level: Analytical Chemistry, Inorganic and General Chemistry, Physical Chemistry

### Publications

#### Publications in international peer-reviewed Journals

1. Georgia P. Vlamaki, Nikolaos G. Kallithrakas-Kontos, Ignasi Queralt, Manuela Hidalgo, *Platinum determination by membrane complexation and energy dispersive x-ray fluorescence analysis – A preliminary study*, X-Ray Spectrometry (2023) accepted
2. Mitrakos, D., Kontogianni, V., Kavoura, K., Carinou, E., Kalithrakas-Kontos, N., Housiadas, C., *Early phase modelling and main assumptions in safety assessment for near surface disposal of non-nuclear radioactive waste*, Journal of Environmental Radioactivity (2023) Article number 107163, DOI 10.1016/j.jenvrad.2023.107163
3. Xarchoulakos, D.C., Manoutsoglou, E., Kallithrakas-Kontos, N.G., *Distribution of uranium isotopes,  $^{210}\text{Pb}$  and  $^{210}\text{Po}$  in groundwaters of Crete- Greece*, Journal of Radioanalytical and Nuclear Chemistry this link is disabled, 2022, 331(11), pp. 4685–4694, DOI 10.1007/s10967-022-08578-6
4. Xarchoulakos, Dimitrios and Kallithrakas-Kontos, Nikolaos, *Uranium analysis in urine after membrane complexation and alpha spectrometry counting*, Journal of Radioanalytical and Nuclear Chemistry 331 (2022) 283-288, DOI 10.1007/s10967-021-08059-2

5. Theologitis, A., Kapridaki, C., Kallithrakas-Kontos, N., Maravelaki-Kalaitzaki, P., Fotiou, A., Mortar and plaster analysis as a directive to the design of compatible restoration materials in frangokastello (Crete), *Mediterranean Archaeology and Archaeometry* **21** (2021) 105-116.  
DOI: 10.5281/zenodo.4284427
6. Kallithrakas-Kontos, N., Boultadaki, P., Foteinis, S., *A dataset of 112 ligands for the preconcentration of mercury, uranium, lanthanum and other pollutants and heavy metals in water*, *Data in Brief*, **29**, (2020), Article number 105236  
DOI: 10.1016/j.dib.2020.105236
7. Fotiou, A., Oiry, C., Kapetanaki, K., Perdikatsis, V., Kallithrakas-Kontos, N., Maravelaki, P.-N., *Ecological restoration plasters and mineral pigments designed with raw material from the island of gavdos*, *Infrastructures* **5** (2020) Article number 110, Pages 1-23,  
DOI: 10.3390/infrastructures5120110
8. Orfanoudaki, A., Makridakis, G., Maragkaki, A., Fountoulakis, M.S, Kallithrakas-Kontos, N.G., Manios, T., *Anaerobic Co-digestion of Pig Manure and Spent Coffee Grounds for Enhanced Biogas Production*, *Waste and Biomass Valorization* **11** (2020) 4613-4620  
DOI: 10.1007/s12649-019-00796-6
9. Fotiou, Afroditi, Oiry Claire, Kapetanaki Kalia, Perdikatsis Vassilis, Kallithrakas-Kontos Nikolaos, Maravelaki Noni-Pagona, *Ecological restoration mortars and plasters designed with raw material from the island of Gavdos*, REHABEND 2020, Code 253609 1482-1489
10. Foteinis, S., Kallithrakas-Kontos, N., Kolovou, M., Nikolaki, M., Takoudis, G., Potiriadis, C., Skanavis, V., Kalligeris, N., Housiadas, C., Synolakis, C.E., *Spatial and Temporal Heterogeneity of <sup>134</sup>Cs and <sup>137</sup>Cs in Topsoil after the Fukushima Daiichi Nuclear Power Plant Accident and the Importance of Tsunami Debris Management*, *Environmental Processes* **6** (2019) 561-579  
DOI: 10.1007/s40710-019-00386-7
11. Nikolaos Kallithrakas-Kontos, Spyros Foteinis,, Eleftheria M. Vazgiouraki, Andreas G. Karydas, János A. Osán, Efthalia Chatzisyneon, *Solid-state polymer membranes for simple, sensitive, and low-cost monitoring of mercury in water*, *Science of The Total Environment* (2019) 134099 (7 p.p.),  
DOI: 10.1016/j.scitotenv.2019.134099
12. Kapridaki, C., Xynidis, N., Vazgiouraki, E., Kallithrakas-Kontos, N., Maravelaki-Kalaitzaki, P., *Characterization of photoactive Fe-TiO<sub>2</sub> lime coatings for building protection: The role of Iron content*, *Materials* 2019, **12**, 1847  
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13. Orfanoudaki, A., Makridakis, G., Maragkaki, A., Fountoulakis, M.S., Kallithrakas-Kontos, N.G., Manios, T., *Anaerobic Co-digestion of Pig Manure and Spent Coffee Grounds for Enhanced Biogas Production*, *Waste and Biomass Valorization* (2019) (8 p.p.)  
DOI: 10.1007/s12649-019-00796-6
14. Kallithrakas-Kontos N., Foteinis S., *Simple and low cost dithizone-functionalized polymer membranes as a tool for mercury preconcentration and monitoring in aqueous bodies. Preliminary results using X-ray absorption near-edge structure (XANES)*, *Global NEST* (2019) 471-476  
DOI: <https://doi.org/10.30955/gnj.002864>
15. N. Kallithrakas-Kontos, D.C. Xarchoulakos, P.E. Boultadaki1, C. Potiriadis and K. Kehagia, *Selective membrane complexation of uranium isotopes in water samples*, *Analytical Chemistry* **90** (2018) 4611-4615  
DOI: 10.1021/acs.analchem.7b05115
16. Marguí, E., Queralt, I., Guerra, M., Kallithrakas-Kontos, N. *Mercury determination at trace levels using membrane preconcentration and benchtop total reflection X-ray fluorescence analysis*, *Spectrochimica Acta – Part B Atomic Spectroscopy*, **149** (2018) 84-90,  
DOI: 10.1016/j.sab.2018.07.020
17. Marguí, E., Hidalgo, M., Migliori, A., Leani, J.J., Queralt, I., Kallithrakas-Kontos, N., Strelí, C., Karydas, A.G., *A first evaluation of the analytical capabilities of the new X-ray fluorescence facility at International Atomic Energy Agency-Elettra Sincrotrone Trieste for multipurpose total reflection X-ray fluorescence analysis*, *Spectrochimica Acta - Part B Atomic Spectroscopy*, **145** (2018) 8-19  
DOI: 10.1016/j.sab.2018.03.016
18. Lykaki, M., Pachatouridou, E., Carabineiro, S.A.C., Iliopoulou, E., Andriopoulou, C.,

- Kallithrakas-Kontos, N., Boghosian, S., Konsolakis, M., *Ceria nanoparticles shape effects on the structural defects and surface chemistry: Implications in CO oxidation by Cu/CeO<sub>2</sub> catalysts*, Applied Catalysis B: Environmental, **230** (2018) 18-28, DOI: 10.1016/j.apcatb.2018.02.035
19. Dimitrios C. Xarchoulakos, Konstantina Kehagia, Nikolaos Kallithrakas-Kontos and Constantinos Potiriadis, *Disequilibrium of dissolved <sup>234</sup>U/<sup>238</sup>U and <sup>210</sup>Po/<sup>210</sup>Pb in Greek rivers*, Journal of Radioanalytical and Nuclear Chemistry **312** (2017) 285–292 DOI 10.1007/s10967-017-5228-8
  20. Pilakouta, Mirofora, Kallithrakas-Kontos, Nikolaos; Nikolaou, Grigoris, Determining the <sup>40</sup>K radioactivity in rocks using X-ray spectrometry, European Journal of Physics **38** (2017) 055803 (10pp) DOI: 10.1088/1361-6404/aa78ba
  21. Constantinos V. Chrysikopoulos, Nikolaos P. Sotirelis and Nikolaos G. Kallithrakas-Kontos, Cotransport of Graphene Oxide Nanoparticles and Kaolinite Colloids in Porous Media, Transp Porous Med **119** (2017) 181–204 DOI 10.1007/s11242-017-0879-z
  22. Nikolaos Kallithrakas-Kontos, Spyros Foteinis, Katherine Paigniotaki and Minos Papadogiannakis, *A robust X-Ray Fluorescence technique for multi-elemental analysis of solid samples*, Environmental Monitoring and Assessment, **188** (2016) Article number 120, 1-10 DOI 10.1007/s10661-016-5127-4.
  23. Nikolaos Kallithrakas-Kontos and Spyros Foteinis, *Recent Advances in the Analysis of Mercury in Water - Review*, Current Analytical Chemistry, **12** (2016) 22-36. DOI: 10.2174/157341101201151007120324
  24. Vasilios S. Hatzistavros and Nikolaos G. Kallithrakas-Kontos, *X-ray fluorescence mercury determination using cation selective membranes at sub-ppb levels*, Analytica Chimica Acta **809** (2014) 25-29. DOI: 10.1016/j.aca.2013.11.045
  25. Spyros Foteinis, Katerina Mpizoura, Giorgos Panagopoulos, Efthalia Chatzisyneon, Nikolaos Kallithrakas-Kontos, Emmanouil Manutsoglu, *A novel use of the caesium-137 technique to estimate human interference and historical water level in a Mediterranean Temporary Pond*, Journal of Environmental Radioactivity, **127** (2014) 75-81. DOI: 10.1016/j.jenvrad.2013.10.007
  26. Spyros Foteinis, Nikolaos G. Kallithrakas-Kontos, Costas Synolakis, *Opportunistic Beach Nourishment and Heavy Metal Distribution in Coastal Sediment Compartment, the Case Study of Chania Prefecture in Greece*, The Scientific World Journal, vol. **2013** (2013), Article ID 472149, 5 pages DOI:10.1155/2013/472149
  27. Ochsenkühn-Petropoulou, M., Kefalas, P., Kallithrakas-Kontos, N. *The 7th international conference on instrumental methods of analysis: Modern trends and applications (IMA 2011)*, Analytical and Bioanalytical Chemistry **104** (2012) 683-684. DOI: 10.1007/s00216-012-6233-y
  28. V. Hatzistavros and N. Kallithrakas-Kontos, *Determination of Trace Perchlorate Concentrations by Anion-Selective Membranes and Total Reflection X-ray Fluorescence Analysis*, Analytical Chemistry **83** (2011) 3386-3391. DOI: 10.1021/ac103295a
  29. P. Maravelaki-Kalaitzaki, A. Galanos, I. Doganis, N. Kallithrakas-Kontos, *Physico-chemical characterization of mortars as a tool in studying specific hydraulic components: application to the study of ancient Naxos aqueduct*, Applied Physics A, **104** (2011) 335-348. DOI: 10.1007/s00339-010-6143-9
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- (Peloponnesos Greece), *Environmental Geology* **58** (2009) 1769-1783  
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32. V. Hatzistavros, N. Kallithrakas-Kontos, TXRF Cation analysis by anionic membrane collection, *X-Ray Spectrometry X-Ray Spectrometry* **38** (2009) 229-233.  
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  33. N. Kallithrakas-Kontos, P. Koulouridakis, V. Hatzistavros and I.N. Aretaki, Chromium Speciation by TXRF Analysis, *X-Ray Spectrometry* **38** (2009) 152-156.  
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  34. M. Budak, P. Maravelaki-Kalaitzaki, N. Kallithrakas-Kontos, Chemical characterization of Cretan clays for the design of restoration mortars, *Microchimica Acta* **162** (2008) 325-331.  
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  35. V. Hatzistavros, N. Kallithrakas-Kontos, Trace element ink spiking for signature authentication, *Journal of Radioanalytical and Nuclear Chemistry* **277** (2008) 399-404.  
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  36. P. Maravelaki-Kalaitzaki, N. Kallithrakas-Kontos, Z. Agioutantis, S. Maurigiannakis, D. Korakaki, A comparative study of porous limestones treated with silicon-based strengthening agents, *Progress in Organic Coatings* **62** (2008) 49-60.  
DOI: 10.1016/j.porgcoat.2007.09.020
  37. V. Hatzistavros, P. Koulouridakis, I. Aretaki, N. Kallithrakas-Kontos, Bromate determination in water after membrane complexation and Total Reflection X-Ray Fluorescence Analysis, *Analytical Chemistry* **79** (2007) 2827-2832.  
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  38. Tsangaraki-Kaplanoglou, S. Theohari, Th. Dimogerontakis, N. Kallithrakas-Kontos, Yar-Ming Wang, Hong-Hsiang (Harry) Kuo and S. Kia, An investigation of electrolytic coloring process of anodized aluminium coatings *Surface and Coating Technology* **201** (2006) 2749-2759  
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  40. K. Tyrovola, N. Nikolaidis, N. Veranis, N. Kallithrakas-Kontos, P. Koulouridakis, Arsenic removal from geothermal waters with zero-valent iron - Effect of temperature, phosphate and nitrate, *Water Research* **40** (2006) 2375-2386  
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  41. I. N. Aretaki, P. Koulouridakis and N. Kallithrakas-Kontos, Total reflection X-ray fluorescence mercury analysis after immobilization on quartz surfaces, *Anal. Chimica Acta* **562** (2006) 252-257  
DOI: 10.1016/j.aca.2006.01.084
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  43. I. Tsangaraki-Kaplanoglou, S. Theohari, Th. Dimogerontakis, N. Kallithrakas-Kontos, Yar-Ming Wang, Hong-Hsiang (Harry) Kuo and S. Kia, Effect of alloy types on the electrolytic coloring process of aluminium, *Surface and Coating Technology* **200** (2006) 3969-3979
  44. V. Hatzistavros, P. Koulouridakis and N. Kallithrakas-Kontos, Complexing membrane for uranium detection by TXRF, *Analytical Sciences* **21** (2005) 823-826  
DOI: 10.2116/analsci.21.823
  45. N. Kallithrakas-Kontos and P. Maravelaki-Kalaitzaki, EDXRF as an analytical tool in art: case studies from pigment identification and treatment assessment, *Journal of Radioanalytical and Nuclear Chemistry* **262** (2004) 713-719  
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  47. P. Koulouridakis, E. Domazos, S. Galani-Nikolakaki and N. Kallithrakas-Kontos, Low Level Lead

- Determination after Membrane Complexation and TXRF Analysis, *Microchimica Acta* **146** (2004) 245-250  
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48. N. Kallithrakas-Kontos, TXRF Heavy metal analysis after immobilization as PAN complexes, *X-Ray Spectrometry* **33** (2004) 12-15  
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  49. N. Maravelaki-Kalaitzaki and N. Kallithrakas-Kontos, Pigment and Terracotta analyses of Hellenistic figurines in Crete, *Analytica Chimica Acta* **497** (2003) 209-225  
DOI: 10.1016/j.aca.2003.08.035
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  51. I Yentekakis, R. Lambert, M. Konsolakis and N. Kallithrakas-Kontos, On the effects of residual chloride and on barium promotion on Pt/ $\gamma$ -Al<sub>2</sub>O<sub>3</sub> catalysts in the reduction of NO by propene, *Catalysis Letters*, **81** (2002) 181-185  
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  52. S. Galani-Nikolakaki, N. Kallithrakas-Kontos and A.A. Katsanos, Analysis of Cretan wines and wine products, *The Science of the Total Environment* **285** (2002) 155-163  
DOI: 10.1016/S0048-9697(01)00912-3
  53. N. Pasadakis, N. Varotsis and N. Kallithrakas, The influence of pressure on asphaltene content and composition of oils, *Petroleum Science and Technology* **19** (2001) 1219-1227  
DOI: 10.1081/LFT-100108304
  54. N. Kallithrakas-Kontos, A. Katsanos and J. Touratsoglou, Trace element analysis of Alexander the Great's silver Tetradrachms minted in Macedonia, *Nuclear Instruments and Methods B* **171** (2000) 342-349.  
DOI: 10.1016/S0168-583X(00)00268-8
  55. N. Kallithrakas-Kontos, R. Moshohoritou, V. Nini, and I. Tsangaraki-Kaplanoglou, Investigation of the relationship between the reflectance and the deposited nickel and tin amount on the aluminium anodic oxide film, *Thin Solid Films* **326** (1998) 166-170  
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  57. N. Kallithrakas-Kontos and R. Moschochoritou, Vanadium Speciation by EDXRF, *X-Ray Spectrometry* **27** (1998) 173-176  
DOI: 10.1002/(sici)1097-4539(199805/06)27:3<173::aid-xrs266>3.3.co;2-g
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  59. I. Tsangaraki-Kaplanoglou, R. Moshohoritou and N. Kallithrakas-Kontos, The use of triarylmethane colouring matters in the formation of a decorative coating on an aluminium surface, *Journal of Society of Dyers and Colourists* **112** (1996) 127-131  
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  60. N. Kallithrakas-Kontos, A.A. Katsanos, C. Potiriadis, M. Oeconomidou and J. Touratsoglou, PIXE analysis of ancient Greek copper coins minted in Epirus, Illyria, Macedonia and Thessaly, *Nuclear Instruments and Methods B* **109/110** (1996) 662-666.  
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  61. P. Kritidis, V. Kamenopoulou and N. Kallithrakas-Kontos, Indoor radon concentrations in Athens determined with an optimised track-etch detector technique, *Radiation Protection and Dosimetry* **55** (1994) 149-152  
DOI: 10.1093/oxfordjournals.rpd.a082387
  62. N. Kallithrakas-Kontos and A.A. Katsanos, Efficiency calibration of a Ge(in) semiconductor detector

- by thin and thick target PIXE, X-Ray Spectrometry **23** (1994) 96-99.  
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63. N. Kallithrakas-Kontos, A.A. Katsanos, A. Aravantinos, A. Oeconomides and J. Touratsoglou, Study of ancient Greek copper coins from Nikopolis (Epirus) and Thessaloniki (Macedonia), *Archaeometry* **35** (1993) 265-278.  
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### Chapters in books

68. N. Kallithrakas-Kontos and P. Maravelaki-Kalaitzaki, *Non-destructive qualitative and quantitative analyses of a Minoan ring by a portable EDXRF*", in E. Papadopoulou, *Gifts to the Goddess: A Gold Ring from Mylopotamos, Rethymnon*", *Mitteilungen des Deutschen Archäologischen Instituts, Athenische Abteilung (AM)*, Band 126-2011, 2014  
ISBN: 978-3-7861-2720-8.
69. Nikolaos G. Kallithrakas-Kontos and Ioanna-Nikol I. Aretaki, *Gold analysis after nanoparticle adsorption on quartz reflectors and Total Reflection X-Ray Fluorescence (TXRF) analysis*, Chapter in the book: *New Developments in Quartz Research: Varieties, Crystal Chemistry and Uses in Technology*, Nova Science Publishers, Inc., NY 2012  
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70. S. Galani-Nikolakaki and N. Kallithrakas-Kontos, *Trace Elements in Wine*, Chapter in the book: *"Mineral Components in Foods"*, Eds P. Szefer and J. Nriagu, CRC Press 2006.  
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71. N. Kallithrakas-Kontos and A.A. Katsanos, *PIXE analysis of ancient coins*, Special Publications of Royal Numismatic Society 30 (1998) 461-471, eds. Oddy and Cowell, London, UK.  
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### International Conferences Proceedings

72. Nikolaos Kallithrakas-Kontos, Vasilios Hatzistavros and Spyros Foteinis, *Lanthanum analysis using selective membrane complexation and energy dispersive X-ray spectrometry*, 18<sup>th</sup> International Conference on Total Reflection X-ray Fluorescence Analysis and Related Methods (TXRF-2019), 25-28 June 2019, University of Girona, Spain <http://www.txrf2019.com/>
73. Chrysi Kapridaki, Nikolaos Xynidis, Nikolaos Xekoukoulotakis, Nikolaos Kallithrakas-Kontos, Noni Maravelaki, *Photoactive Fe-TiO<sub>2</sub> lime plasters for building protection*, 5<sup>th</sup> Historic Mortars Conference, HMC 2019, 19 -21 June, 2019, Pamplona, Spain <https://www.unav.edu/web/historic-mortars-conference/home>
74. Dimitrios C. Xarchoulakos, Nikos Kallithrakas and Kehagia Konstantina, *Preconcentration of uranium from urine on a complexing membrane*, RANC 2019, 2<sup>nd</sup> International Conference on Radioanalytical and Nuclear Chemistry, May 5–10, 2019, Budapest, Hungary <https://static.akcongress.com/downloads/ranc/ranc2019-book-of-abstracts.pdf>
75. Nikolaos G. Kallithrakas, *Uranium analysis in aqueous solutions by XRF spectroscopy*, 35<sup>th</sup>

- International Conference on Solution Chemistry, 26-30 August 2018, Szeged, Hungary  
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76. Kallithrakas-Kontos N, Fragkos A, EDXRF Analysis of High Absorbance Samples by Liquid Analysis, 11<sup>th</sup> Aegean Analytical Chemistry Days (AACD2018), 25-29 September 2018, Chania, Crete, Greece, [http://195.134.76.37/AACD2018/AACD2018\\_PROGRAM.pdf](http://195.134.76.37/AACD2018/AACD2018_PROGRAM.pdf)
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129. N. Kallithrakas-Kontos, Measurements by Energy Dispersive XRS, 3rd International Conference Instrumental Methods of Analysis TXRF heavy metal analysis after immobilization as PAN complexes, European Conference on Energy Dispersive X-Ray Spectrometry, Berlin, Germany, June 16-21, 2002. <http://iapf.physik.tu-berlin.de/EDXRS2002/>
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133. N. Kallithrakas-Kontos and R. Moshohoritou, Energy deconvolution of x-ray overlapping peaks, Advances in Nuclear Physics and Related Areas, Thessaloniki, Greece 5-12 July 1997.
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## Citations

1592 citations in international peer reviewed journals (Scopus Database), h-index: 19

### Refereeing for International Journals

Nature Communications	Journal of Environmental Management
Analytical Chemistry	Journal of Molecular Structure
Analytica Chimica Acta	Journal of Radioanal. and Nuclear Chemistry
Analytical Letters	Journal of the American Chemical Society
Applied Radiation and Isotopes	Microchimica Acta
Archaeological and Anthropological Sciences	Mineralogical Magazine
Environmental Chemistry	Nuclear Instruments and Methods
Environmental Pollution	Spectrochimica Acta
Food Analytical Methods	Surface Coating and Technology
Fresenius Environmental Bulletin	Talanta
International Journal of Environ. Chemistry	The Scientific World Journal
Industrial Engineering Chemical Research	X-Ray Spectrometry
Journal of Analytical Atomic Spectrometry	
Journal of Chemical Education	

### Participation in International Conferences

Participation in more than 60 International Conferences with presentations.

#### Conference Organizing / Scientific Committee

13<sup>th</sup> International Conference on “Instrumental Methods of Analysis, September 17-20, 2023, Chania, Greece, <http://aclab.web.auth.gr/ima2023/>

11<sup>th</sup> International Conference on “Instrumental Methods of Analysis, September 22-25, 2019 Ioannina, Greece, <http://www.conferre.gr/congress/ima2019/orgcom.aspx>

1<sup>st</sup> International Conference on Transdisciplinary Multispectral Modeling and Cooperation for the Preservation of Cultural Heritage (TMM\_CH), Athens, Greece, 10-13 October 2018  
[https://tmm-ch2018.com/files/TMM\\_CH\\_Steering\\_Committee.pdf](https://tmm-ch2018.com/files/TMM_CH_Steering_Committee.pdf)

11<sup>th</sup> Aegean Analytical Chemistry Days (AACD2018), 25-29 September 2018, Chania, Crete, Greece  
[http://195.134.76.37/AACD2018/AACD03\\_scient\\_comm.htm](http://195.134.76.37/AACD2018/AACD03_scient_comm.htm)

International Scientific Committee: 10<sup>th</sup> International Conference Instrumental Methods of Analysis - Modern Trends and Applications, 17-21 September 2017, Heraklion, Crete Greece  
<http://www.ima2017.gr/international.htm>

Workshop on Ions for cancer therapy, space research and material science, 26-30 August 2017, Chania Greece, <https://indico.cern.ch/event/559908/page/8026-organization>

5<sup>th</sup> International Conference on New Frontiers in Physics (ICNFP 2016), 6-14 July 2016, Kolymbari, Crete, Greece <https://indico.cern.ch/event/442094/>

International Scientific Committee: 9<sup>th</sup> International Conference Instrumental Methods of Analysis - Modern Trends and Applications, 20-24 September 2015, Kalamata, Greece  
<http://www.ima2015.teikal.gr/index.php/organizers/scientific-committee>

Local Organizing Committee: 4<sup>th</sup> International Conference on New Frontiers in Physics, 24-30 August 2015, Kolymbari, Crete, Greece <http://indico.cern.ch/event/344173/page/3382-organisation>

International Scientific Committee: 8<sup>th</sup> International Conference Instrumental Methods of Analysis - Modern Trends and Applications, 15-19 September 2013, Thessaloniki, Greece  
<http://ima2013.web.auth.gr/organizing.htm>

Organizing Committee Chairperson (with Dr. P. Kefalas): 7<sup>th</sup> International Conference Instrumental Methods of Analysis - Modern Trends and Applications 18-22 Sept. 2011, Chania, Greece  
[http://www.maich.gr/ima2011/org\\_committee.html](http://www.maich.gr/ima2011/org_committee.html)

Scientific Advisory Committee: 10<sup>th</sup> European Conference on Accelerators in Applied Research and Technology, 13-17 September 2010, Athens, Greece <http://www.scribd.com/doc/39538898/Book-of-Abstracts-ECAART10#scribd>

International Scientific Committee: 7<sup>th</sup> Aegean Analytical Chemistry Days, 29 September - 3 October 2010, Lesvos, Greece [http://www.chem.uoa.gr/AACD2010/AACD03\\_scientific\\_com.htm](http://www.chem.uoa.gr/AACD2010/AACD03_scientific_com.htm)

International Scientific Committee: 6<sup>th</sup> International Conference Instrumental Methods of Analysis - Modern Trends and Applications, 4-8 October 2009, Athens, Greece  
[http://www.chem.uoa.gr/ima2009/IMA\\_03\\_scientific\\_com.htm](http://www.chem.uoa.gr/ima2009/IMA_03_scientific_com.htm)

### **PhD Student Supervision**

PhD students supervised: six (6)

### **Principal Investigator**

Principal investigator and Research Team member in numerous research projects concerning analytical chemistry, nuclear analytical techniques etc.

### **Positions of Responsibility**

- December 2017 - January 2023: vice-Rector of Finance, Planning and Development of the Technical University of Crete <https://www.tuc.gr/index.php?id=4813>
- December 2017 - present: vice-Chairman of the Greek Atomic Energy Commission  
<https://eeae.gr/en/eeae/organization-and-management/the-board>
- December 2017 - January 2023: President of the Continuing Education and Lifelong Learning Center Of the Technical University of Crete
- March 2001 - present: Head of the Analytical and Environmental Chemistry Lab. of the Technical University of Crete  
[https://www.tuc.gr/index.php?id=5643&tx\\_tuclabspersonnel\\_pi3%5Blabelid%5D=59](https://www.tuc.gr/index.php?id=5643&tx_tuclabspersonnel_pi3%5Blabelid%5D=59)
- February 2013 - August 2017: member of the Council of the Technical University of Crete
- October 2007 - May 2013: member of the Research Committee of the Technical Univ. of Crete
- September 2003 - August 2007: Chairman of the Department of Sciences of the Technical University of Crete
- September 2011- May 2013: vice-Chairman of the Department of Sciences of the Technical University of Crete
- September 2001 – August 2003: vice-Chairman of the Department of Sciences of the Technical University of Crete

- 2014 - 2017: Head of the committee of the post-graduate programme:  
“*Geo-technology and Environment*” School of Mineral Resources  
Engineering, Technical University of Crete
- January 2008 - May 2013: Head of the committee of the post-graduate programme of the  
Department of Sciences, Technical University of Crete

**Languages:** Greek (mother tongue), English