Sevasti-Panagiota Kotsaki



PhD student

LABORATORY OF ENVIRONMENTAL CHEMISTRY, DEPARTMENT OF CHEMISTRY, NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS

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SCOPUS: Kotsaki, Sevasti Panagiota - Author details - Scopus

EDUCATION

2019 Bachelor in Chemistry, NKUA, Bachelor's Thesis: Synthesis and characterisation of block copolymer PEO-b-PLL, 10/10

2021 M. Sc. In Analytical Chemistry – Quality Assurance, NKUA, Master's Thesis: Study of organosulfates in the atmosphere, 10/10

RESEARCH FIELDS

- study of environmental pollutant levels in different environmental matrices, with emphasis on atmospheric aerosols
- study of specific organic pollutants belonging to the secondary organic aerosol: organosulfates, organonitrates, volatile organic compounds, organic acids, sugars, alcohols
- study of the effects of air pollution on human health
- development of new analytical methods for environmental analysis

EDUCATIONAL EXPERIENCE

UNDERGRADUATE COURSES

- Instrumental Analysis (Lab)/ Department of Chemistry

DISCRIMINATIONS / SCHOLARSHIPS

- Scholarship of excellence during Master's

ADDITIONAL INFORMATION

- Presentations at conferences:
  - Determination of PM-bound organosulfates in the atmosphere of Athens: Seasonal cycles and source apportionment, ACAC2021, Athens, 2021
  - Emissions of organosulfates from biomass burning, ACAC2022, Athens, 2022
  - Organosulfates in the Eastern Mediterranean region, International Aerosol Conference, Athens, 2022
  - SOA tracers in a background site of the Eastern Mediterranean: formation, chemical composition and oxidative potential, European Aerosol Conference, Malaga, 2023
  - Contribution of secondarily formed organosulfates to the oxidative potential of Air Particulate Matter, 23rd Panhellenic Chemistry Conference, Athens, 2024
  - SOA tracers in an urban site in the Eastern Mediterranean: exploring formation pathways, ACAC2024, Athens, 2024

SELECTED PUBLICATIONS (link OF PUBLICATIONS)

- https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125254060&doi=10.1016%2fj.chemosphere.2022.134103&partnerID=40&md5=98e1acf4feb9d5f730997c9e2d455439 DOI: 10.1016/j.chemosphere.2022.134103
- https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202539705&doi=10.1016%2fj.cattod.2024.115019&partnerID=40&md5=7fe1ada78bd807f455aa05147ca9c8f4 DOI: 10.1016/j.cattod.2024.115019