

Date of Birth: 27 July 1979

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## EDUCATION

- PhD 2005-2009 Department of Chemistry, University of Crete, at the Environmental Chemical Processes Laboratory. Topic: Organic carbon in the Eastern Mediterranean and its role in the formation of Cloud Condensation Nuclei. Supervisor: Prof. Nikolaos Mihalopoulos.
- M.A. 2004 Postgraduate diploma (DEA) from University of Paris 7-Denis Diderot entitled "Chemistry of the Atmospheric Pollution and Environmental Physics". Topic: Set-up of a mass spectrometer using laser photoionization for real-time analysis of semi-volatiles organic pollutants. Supervisor: Dr. Martin Schwell.
- B.A. 2003 Department of Chemistry, Faculty of Positive Sciences, Aristotle University of Thessaloniki. Diploma thesis topic: Size distribution of the heavy metals Cr, Ni, V, Mn, Cu and Fe in atmospheric particulate matter. Supervisor: Prof. Konstantini Samara, Environmental Pollution Control Laboratory.

## POSTDOCTORAL EXPERIENCE

- September 09-February 2011 Post-doctoral researcher at the University of Crete, in charge of organic carbon/elemental carbon analysis and preparation of publications containing data from the PhD thesis.
- March-December 2011 Consultant/ Scientific expert on environmental projects at N.A.T.O. Science for Peace and Security (SPS) Programme Office, Emerging Security Challenges Division, N.A.T.O. Headquarters, Brussels, Belgium.
- February-December 2012 Participation in the "ACTRIS- Aerosol, Clouds and Trace gases Research InfraStructure Network" as a post-doctoral researcher, in charge of the new Aerosol Chemical Speciation Monitor (ACSM, Aerodyne Inc.) for chemical composition of submicron aerosol.
- January 2013-October 2014 After receiving a 3-year grant from the General Secretariat of Research and Technology (GSRT) Greece, working at the School of Earth & Atmospheric Sciences of the Georgia Institute of Technology as a Research Fellow. Participation in two important measurement campaigns, Southern Oxidant and Aerosol Study (SOAS) with a ground-based CCN instrument and the Southeast Nexus (SENEX) with an airborne CCN instrument aboard the NOAA WP-3 aircraft.
- November 14-November 15 Completing the third year of the grant from the GSRT, working at the Laser Remote Sensing Laboratory of the National Technical University of Athens as a Research Fellow. Participating in two measurement campaigns with the CCN instrument, Hygra-CD in Athens and CHARADMExp in Finokalia, Crete.

## CURRICULUM VITAE AIKATERINI BOUGIATIOTI

- December 15- March 17 Working as an External Collaborator at the Institute for Environmental Research and Sustainable Development at the National Observatory of Athens, responsible for on-line chemical composition measurements using an Aerosol Chemical Speciation Monitor and participating in the winter campaigns at downtown Athens.
- April 17-March 19 After receiving a 2-year grant from the State Scholarships Foundation, working for the University of Crete, at the Environmental Chemical Processes Laboratory of the Department of Chemistry.
- May 18-now Elected as Senior Researcher at the Institute for Environmental Research & Sustainable Development of the National Observatory of Athens

### RESEARCH FOCUS AND EXPERTISE

Atmospheric chemistry and Physics, Atmospheric Aerosols, Air quality, Particulate matter, Chemical composition, Aerosol-Cloud-climate interactions, Aerosol sampling, Aerosol size distribution, Dust microphysical properties, Source Apportionment

Instrumentation Expertise: Cloud Condensation Nuclei counter (CCNc, Droplet Measurement Technologies), Aerosol Chemical Speciation Monitor (ACSM, Aerodyne Inc.), Scanning Mobility Particle Sizer (SMPS, TSI), Aethalometer (Magee Scientific), Gas chromatography for volatile organic hydrocarbons (Varian Star 3400 FID), atomic absorption for heavy metals, organic carbon/elemental carbon analyzer (Sunset Laboratory Inc.), Water-soluble organic carbon analyzer (TOC-V<sub>CSH</sub>, Shimadzu)

### FOREIGN LANGUAGES

English Professional level, Cambridge Certificate of Proficiency  
French Professional level, Diplôme Approfondie de la Langue Française (D.A.L.F.)  
Spanish Very well, Diploma Básico de Español

### COMPUTER SKILLS

Internet, Windows, Microsoft Office (Word, Excel, Powerpoint), Graphic programming (Labview), Data Processing (IgorPro), Graphic Design (Adobe Photoshop, Corel Designer, Corel Draw)

### TRAINING COURSES

- July 2001 Within the student exchanging program IAESTE, working for a month at the Laboratory of Organic Chemistry, Ecole Europeene de Chimie, Polymeres et Materiaux (ECPM), Strasbourg. Supervisor: Prof. Daniel Uguen.
- April 2004 Training course of Initiation in Observational Methods, Observatory of Haute-Provence, France (Org. University Paris 6-Pierre Simon Laplace Institute)
- Autumn 2006 Autumn-school for the Measurement techniques in Atmospheric Chemistry, Oberwesel, Germany (Org. University of Utrecht and Max Planck Institute of Chemistry, Mainz)

- May 2008 Seminar for Measurements of Atmospheric Aerosols: aerosol physics, sampling and measurement techniques, Hyytiala, Finland (Org. Integrated Land Ecosystem-Atmosphere Processes Study (ILEAPS))
- February 2010 Seminar on ISO/IEC 17025 Verification/Validation of Methods, Accreditation-Internal Quality Control (PRIORITY business intelligence, Athens, Greece)
- June 2017 2<sup>nd</sup> Training Course on Positive Matrix Factorization (PMF) for Source Apportionment Studies conducted at the Institute of Environmental Assessment and Water Research (IDAEA/ CSIC), Barcelona.

### PARTICIPATION IN RESEARCH PROJECTS

- 1/10-31/12/2005 "Organics over the Ocean Modifying Particles in both Hemispheres" (OOMPH)
- 1/12/05-30/11/2008 "Organic compounds in the Mediterranean atmosphere"
- 1/12/08-31/1/2009 "Climatic role of volatile organic compounds in the Eastern Mediterranean"
- 1/2/09-30/9/2009 "CITYZEN-G.A. no 212095"
- 1/2/12-30/9/2012 "ACTRIS-Aerosol, Clouds and Trace gases Research InfraStructure Network"
- 1/9/12-30/8/2015 "MACAVE-Mediterranean Aerosol, Cloud Activation and Volatility Experiments"
- Since 2016 "ACTRIS-2" H2020 (2015-2019)
- Since 03.2017 "Chemical On-Line cOmpoSition and Source Apportionment of fine aerosol" (COLOSSAL) COST Action OC-2016-1-20692

### REVIEWER IN SCIENTIFIC JOURNALS

- 2012 Reviewer for "International Journal of Environmental Analytical Chemistry" (Taylor & Francis)
- 2013 Reviewer for "Journal of Geophysical Research-Atmospheres" (AGU, Wiley Online Library)
- 2013 Reviewer for "Environmental Science and Pollution Research" (Springer) (5 assignments)
- 2014 Reviewer for "Atmospheric Research" (Elsevier) (5 assignments)
- 2014 Reviewer for "Atmospheric Environment" (Elsevier) (2 assignments)
- 2015 Reviewer for "Journal of Hazardous Materials" (Elsevier)
- 2015 Reviewer for "Atmospheric Chemistry and Physics" (Copernicus Publications) (5 assignments)
- 2016 Reviewer for "Chemosphere" (Elsevier) (1 assignment)
- 2016 Reviewer for "Journal of Atmospheric Chemistry" (Springer) (1 assignment)
- 2017 Reviewer for "Pure and Applied Geophysics" (Springer) (1 assignment)
- 2018 Reviewer for "Environmental Science and Pollution Research" (Springer) (3 assignments)

### COMPETITIVE RESEARCH GRANTS

- January 2004 Scholarship for Masters studies (Bourse de DEA, Master Recherche) from the French Ministry of Youth of National Education and Research)
- August 2012 National Strategic Reference Framework (NSRF 2007-2013), Action "Support of Post-doctoral researchers", R.P. Education and Life-Long Learning by the General Secretariat for Research and Technology. Proposal topic: MACAVE-Mediterranean Aerosol, Cloud Activation and Volatility Experiments (3-year grant).
- March 2017 State Scholarships Foundation Contract-24137, Action "Support of Post-doctoral researchers" (MIS: 5001552), R.P. Education and Life-Long Learning (NSRF 2014-2020). Proposal topic: Closure study between estimated and measured CCN

- concentrations in the Eastern Mediterranean, based on 1-year measurements, for the estimation of cloud droplets in the area (2-year grant).
- November 2019 The Hellenic Foundation for Research and Innovation (HFRI) and the General Secretariat for Research and Technology (GSRT) grant for support of Post-doctoral researchers as Principal Investigators. Research project: **P**Articulate matter, **R**eactive oxygen **A**nd their **D**iverse **O**Xidative potential-**H**ealth effects (PARADOX-H) (3-year grant).

## SCIENTIFIC PUBLICATIONS

### Peer-reviewed Book Chapters

1. C. Arsene, [A. Bougiatioti](#) and N. Mihalopoulos (2007). Non-methane hydrocarbons variability in the eastern Mediterranean, *Regional Climate Variability and its Impacts in the Mediterranean Area*, NATO Science Series IV. Earth and Environmental Sciences, Vol 79, 197-206, ISBN: 978-140-206-427-2 (Edit. A. Mellouki and A.R. Ravishankara)
2. [A. Bougiatioti](#), K. Cerully, J. Lin, L. Xu, H. Guo, J. Liao, A. Welti, C. Brock, A. Middlebrook, R. Weber, N.L. Ng, and A. Nenes (2014). Hygroscopicity and CCN activity of aerosol in the Southeast U.S. during the SOAS/SENEX Field Campaign, *12 International Conference of Meteorology, Climatology and Physics of the Atmosphere*, Volume 1, 160-164, e-book of proceedings ISBN: 978-960-524-430-9 (Edit. M. Kanakidou, N. Mihalopoulos and P. Nastos)
3. C. Theodosi, P. Zarmpas, [A. Bougiatioti](#), D. Smouliotis, G. Kouvarakis, and N. Mihalopoulos (2014). Long-term measurements of carbonaceous aerosols in the Eastern Mediterranean, *12 International Conference of Meteorology, Climatology and Physics of the Atmosphere*, Volume 3, 209-213, e-book of proceedings ISBN: 978-960-524-430-9 (Edit. M. Kanakidou, N. Mihalopoulos and P. Nastos)
4. A. Nenes, B. Murray and [A. Bougiatioti](#) (2014). Chapter 12: Mineral dust and its microphysical interactions with clouds, *Mineral Dust: A Key Player in the Earth System*, Springer Earth Sciences series, ISBN 978-94-017-8978-3 (Edit. P. Knippertz and J.-B.W. Stuut)
5. [A. Bougiatioti](#), M. Kanakidou and N. Mihalopoulos (2016). Chapter 19: Air Quality in European Cities, *Comprehensive Analytical Chemistry*, Vol. 73, The Quality of Air, ISBN: 978-04-446-3605-8 (Edit. M. de la Guardia and S. Armenta)
6. [A. Bougiatioti](#), I. Stavroulas, L. Fourtziou, P. Nikolaou, D. Paraskevopoulou, G. Kouvarakis, A. Nenes, and N. Mihalopoulos (2016). Fine particle water and pH in an urban and remote location and the role of biomass burning, *Perspectives on Atmospheric Sciences*, P. 837-843, ISBN: 978-3-319-35094-3 Springer International Publishing (Edit. T.S. Karacostas, A.F. Bais, and P.T. Nastos).
7. A. Papayannis, A. Argyrouli, [A. Bougiatioti](#), A. Nenes, J. Vande Hey, M. Komppula, P. Kokkalis, S. Solomos, R.F. Banks, L. Labzovskii, I. Kalogiros, and E. Giannakaki (2016). From hygroscopic aerosols to cloud droplets: The HygrA-CD Campaign in the Athens Basin-An Overview, *Perspectives on Atmospheric Sciences*, P. 781-787, ISBN: 978-3-319-35094-3 Springer International Publishing (Edit. T.S. Karacostas, A.F. Bais, and P.T. Nastos).

### Peer-reviewed Journals

1. C. Arsene, [A. Bougiatioti](#), M. Kanakidou, B. Bonsang, N. Mihalopoulos: "Tropospheric OH and Cl levels deduced from non-methane hydrocarbon measurements in a marine site", *Atmospheric Chemistry and Physics*, 7, 4661-4673, 2007 (Impact Factor: 5.053; 25 citations)

2. [A. Bougiatioti](#), C Fountoukis, N. Kalivitis, R. Moore, A. Nenes, S.N. Pandis, N. Mihalopoulos: "Chemical composition of aerosols and cloud condensation nuclei in the Eastern Mediterranean: results from long-term studies", *Geochimica et Cosmochimica Acta*, Vol 73, Issue 13, A145, 2009 (Goldschmidt Conference Abstracts) (Impact Factor: 4.250)
3. [A. Bougiatioti](#), C Fountoukis, N. Kalivitis, S.N. Pandis, A. Nenes, N. Mihalopoulos: "Cloud condensation nuclei measurements in the eastern Mediterranean marine boundary layer: CCN closure and droplet growth kinetics", *Atmospheric Chemistry and Physics*, 9, 7053-7066, 2009 (Impact Factor: 5.053; 79 citations)
4. C. Arsene, [A. Bougiatioti](#), N. Mihalopoulos: "Sources and variability of non-methane hydrocarbons in the Eastern Mediterranean", *Global NEST Journal*, Vol 11, Issue 3, 333-340, 2009 (Impact Factor: 0.66; 12 citations)
5. C. Theodosi, U. Im, [A. Bougiatioti](#), P. Zarnmpas, O. Yenigun, N. Mihalopoulos: "Chemical composition of aerosols over Istanbul, Turkey", *Science of the Total Environment*, Vol 408 (12), 2482-2491, 2010 (Impact Factor: 3.163; 47 citations)
6. M. Pikridas, [A. Bougiatioti](#), L. Hildebrandt, G. Engelhart, E. Kostenidou, C. Mohr, G. Kouvarakis, P. Zarnmpas, B.-H. Lee, M. Psichoudaki, N. Mihalopoulos, C. Pilinis, A. Stohl, U. Baltensperger, M. Kulmala, S.N. Pandis: "The Finokalia Aerosol Measurement Experiments-2008 (FAME-08): An overview", *Atmospheric Chemistry and Physics*, 10, 1-39, 2010 (Impact Factor: 5.053; 39 citations)
7. L. Hildebrandt, G.J. Engelhart, C. Mohr, E. Kostenidou, V.A. Lanz, [A. Bougiatioti](#), P.F. de Carlo, A.S.H. Prevot, U. Baltensperger, N. Mihalopoulos, N.M. Donahue, S.N. Pandis: "Aged organic aerosol in the Eastern Mediterranean: The Finokalia Aerosol Measurement Experiment-2008", *Atmospheric Chemistry and Physics*, 10, 1847-1900, 2010 (Impact Factor: 5.053; 71 citations)
8. H. Manninen, T. Nieminen, E. Asmi, S. Gagné, S. Häkkinen, K. Lehtipalo, P. Aalto, M. Vana, A. Mirme, S. Mirme, U. Hörrak, C. Plass-Dülmer, G. Stange, G. Kiss, A. Hoffer, N. Törő, M. Moerman, B., Henzing, G. de Leeuw, M. Brinkenberg, G.N. Kouvarakis, [A. Bougiatioti](#), N. Mihalopoulos, C. O'Dowd, D. Ceburnis, A. Arneth, B. Svenningsson, E. Swietlicki, L. Tarozzi, S. Decesari, M.C. Facchini, W. Birmili, A. Sonntag, A. Wiedensohler, J. Boulon, K. Sellegri, P. Laj, M. Gysel, N. Bukowiecki, E. Weingartner, A. Laaksonen, A. Hamed, J. Joutsensaari, T. Petäjä, V-M. Kerminen, M. Kulmala: "EUCAARI ion spectrometer measurements at 12 European sites- analysis of new-particle formation events", *Atmospheric Chemistry and Physics*, 10, 7907-7927, 2010 (Impact Factor: 5.053; 111 citations)
9. E. Terzi, G. Argyropoulos, [A. Bougiatioti](#), N. Mihalopoulos, K. Nikolaou, C. Samara: "Chemical composition and mass closure of ambient PM10 at urban sites", *Atmospheric Environment*, 44 (18), 2231-2239, 2010 (Impact Factor: 3.062; 78 citations)
10. N. Kalivitis, [A. Bougiatioti](#), G. Kouvarakis, N. Mihalopoulos: "Long term measurements of atmospheric aerosol optical properties in the Eastern Mediterranean", *Atmospheric Research*, 102 (3), 351-357, 2011 (Impact Factor: 2.421; 11 citations)
11. M. Koçak, C. Theodosi, P. Zarnmpas, U. Im, [A. Bougiatioti](#), O. Yenigun, N. Mihalopoulos: "Particulate matter (PM10) in Istanbul: Origin, source areas and potential impact on surrounding regions", *Atmospheric Environment*, 45 (38), 3891-3900, 2011 (Impact Factor: 3.062; 33 citations)
12. A. Nenes, M.D. Krom, N. Mihalopoulos, P. Van Capellen, Z. Shi, [A. Bougiatioti](#), P. Zarnmpas: "Atmospheric acidification of mineral aerosols: A source of bioavailable phosphorous for the oceans", *Atmospheric Chemistry and Physics*, 11, 6265-6272, 2011 (Impact Factor: 5.053; 37 citations)
13. [A. Bougiatioti](#), A. Nenes, C. Fountoukis, N. Kalivitis, S.N. Pandis, N. Mihalopoulos: "Size-resolved CCN distributions and activation kinetics of aged continental and marine aerosol", *Atmospheric Chemistry and Physics*, 11, 8791-8808, 2011 (Impact Factor: 5.053; 21 citations)

14. N. Kalivitis, I. Stavroulas, [A. Bougiatioti](#), G. Kouvarakis, S. Gagné, H.E. Manninen, M. Kulmala, N. Mihalopoulos: "Night-time nucleation of atmospheric particles in the marine boundary layer", *Atmospheric Chemistry and Physics*, 12, 3627-3638, 2012 (Impact Factor: 5.053; 5 citations)
15. St. Pateraki, V.D. Assimakopoulos, [A. Bougiatioti](#), G. Kouvarakis, N. Mihalopoulos, Ch. Vasilakos: "Carbonaceous and ionic compositional patterns of fine particles over an urban Mediterranean area", *Science of the Total Environment*, Vol 424, 251-263, 2012 (Impact Factor: 3.163; 14 citations)
16. [A. Bougiatioti](#), P.Zarmpas, M. Antoniou, C. Theodosi, G. Kouvarakis, S. Saarikoski, T. Mäkelä, R. Hillamo N. Mihalopoulos: "Organic, elemental and water-soluble organic carbon in size segregated aerosols, in the marine boundary layer of the Eastern Mediterranean", *Atmospheric Environment*, 64, 251-262, 2013 (Impact Factor: 3.062; 13 citations)
17. T. Raatikainen, A. Nenes, J.H. Seinfeld, R. Morales, R.H. Moore, T.L. Latham, S. Lance, L.T. Padro, J.J. Lin, K.M. Cerully, [A. Bougiatioti](#), J. Cozic, C. Ruehl, P.Y. Chuang, B.E. Anderson, R.C. Flagan, H. Jonsson, N. Mihalopoulos, J.N. Smith: "Worldwide data sets constrain the water vapor uptake coefficient in cloud formation", *Proceedings of the National Academy of Sciences of the United States of America*, Vol 110, Issue 10, 3760-3764, 2013 (Impact Factor: 9.809; 11 citations)
18. St. Pateraki, D.N. Asimakopoulos, [A. Bougiatioti](#), Th. Maggos, Ch. Vasilakos, N. Mihalopoulos: "Assessment of PM<sub>2.5</sub> and PM<sub>1</sub> chemical profile in a multiple-impacted Mediterranean urban area: Origin, sources and meteorological dependence", *Science of the Total Environment*, Vol 479-480, 210-220, 2014 (Impact Factor: 3.163; 3 citations)
19. [A. Bougiatioti](#), I. Stavroulas, E. Kostenidou, P. Zarmpas, C. Theodosi, G. Kouvarakis, F. Canonaco, A.S.H. Prévôt, A. Nenes, S.N. Pandis, N. Mihalopoulos: "Processing of biomass burning aerosol in the Eastern Mediterranean during summertime", *Atmospheric Chemistry and Physics*, 14, 4793-4807, 2014 (Impact Factor: 5.053; 9 citations)
20. L. Xu, H. Guo, C.M. Boyd, M. Klein, [A. Bougiatioti](#), K.M. Cerully, J.R. Hite, G. Isaacman-VanWertz, N.M. Kreisberg, C. Knote, K Olson, A. Koss, A.H. Goldstein, S.V. Hering, J. de Gouw, K. Baumann, S.-H. Lee, A. Nenes, R.J. Weber, N.L. Ng: "Effects of anthropogenic emissions on aerosol formation from isoprene and monoterpenes in the southeastern United States", *Proceedings of the National Academy of Sciences of the United States of America*, Vol 112, Issue 1, 34-42, 2014 (Impact Factor: 9.809; 10 citations)
21. H. Guo, L. Xu, [A. Bougiatioti](#), K.M. Cerully, S.L. Capps, J.R. Hite, A.G. Carlton, S.-H. Lee, M.H. Bergin, N.L. Ng, R.J. Weber: "Particle water and pH in the southeastern United States", *Atmospheric Chemistry and Physics*, 15, 5211-5228, 2015 (Impact Factor: 5.053; 10 citations)
22. N. Kalivitis, V.-M. Kerminen, G. Kouvarakis, I. Stavroulas, [A. Bougiatioti](#), A. Nenes, H.E. Manninen, T. Petäjä, M. Kulmala, N. Mihalopoulos: "Atmospheric new particle formation as source of CCN in the Eastern Mediterranean marine boundary layer", *Atmospheric Chemistry and Physics*, 15, 9203-9215, 2015 (Impact Factor: 5.053)
23. K.M. Cerully, [A. Bougiatioti](#), J.R. Hite, H. Guo, L. Xu, N.L. Ng, R. Weber, A. Nenes: "On the link between hygroscopicity, volatility and oxidation state of ambient and water-soluble aerosol in the Southeastern United States", *Atmospheric Chemistry and Physics*, 15, 8679-8694 (Impact Factor: 5.053; 4 citations)
24. M. Paramonov, V.-M. Kerminen, M. Gysel, P. P. Aalto, M. O. Andreae, E. Asmi, U. Baltensperger, [A. Bougiatioti](#), D. Brus, G. Frank, N. Good, S. S. Gunthe, L. Hao, M. Irwin, A. Jaatinen, Z. Jurányi, S. M. King, A. Kortelainen, A. Kristensson, H. Lihavainen, M. Kulmala, U. Lohmann, S. T. Martin, G. McFiggans, N. Mihalopoulos, A. Nenes, C. D. O'Dowd, J. Ovadnevaite, T. Petäjä, U. Pöschl, G. C. Roberts, D. Rose, B. Svenningsson, E. Swietlicki, E. Weingartner, J. Whitehead, A. Wiedensohler, C. Wittbom, B. Sierau: "A synthesis of cloud condensation nuclei counter (CCNC)



- measurements within the EUCAARI network”, *Atmospheric Chemistry and Physics Discussions*, 15, 15039-15086, 2015 (Impact Factor: 5.298)
25. A. Bougiatioti, S. Bezantakos, I. Stavroulas, N. Kalivitis, P. Kokkalis, G. Biskos, N. Mihalopoulos, A. Papayannis, A. Nenes: “Biomass-burning impact on CCN number, hygroscopicity and cloud formation during summertime in the eastern Mediterranean”, *Atmospheric Chemistry and Physics*, 16, 7389-7409, 2016 (Impact Factor: 5.298).
  26. A. Bougiatioti, P. Nikolaou, I. Stavroulas, G. Kouvarakis, R. Weber, A. Nenes, M. Kanakidou, and N. Mihalopoulos: “Particle water and pH in the eastern Mediterranean: source variability and implications for nutrient availability”, *Atmospheric Chemistry and Physics*, 16, 4579-4591, 2016.
  27. C. Warneke, M. Trainer, J.A. de Gouw, D.D. Parrish, D.W. Fahey, A.R. Ravishankara, A.M. Middlebrook, C.A. Brock, J.M. Roberts, S.S. Brown, J.A. Neuman, B.M. Lerner, D. Lack, D. Law, G. Hübler, I. Pollack, S. Sjostedt, T.B. Ryerson, J.B. Gilman, J. Liao, J. Holloway, J. Peischl, J.B. Nowak, K.C. Aikin, K.-E. Min, R.A. Washenfelder, M.G. Graus, M. Richardson, M.Z. Markovic, N.L. Wagner, A. Welti, P.R. Veres, P. Edwards, J.P. Schwarz, T. Gordon, W.P. Dube, S.A. McKeen, J. Brioude, R. Ahmadov, A. Bougiatioti, J.J. Lin, A. Nenes, G.M. Wolfe, T.F. Hanisco, B.H. Lee, F.D. Lopez-Hilfiker, J.A. Thornton, F.N. Keutsch, J. Kaiser, J. Mao and C.D. Hatch: “Instrumentation and measurement strategy for the NOAA SENEX aircraft campaign as part of the Southeast Atmosphere Study 2013”, *Atmospheric Measurement Techniques*, 9, 3063-3093, 2016.
  28. A. Bougiatioti, A. Papayannis, S. Vratolis, A. Argyrouli, N. Mihalopoulos, M. Tsagkaraki, A. Nenes and K. Eleftheriadis: “Aerosol activity and hygroscopicity combined with Lidar data in the urban atmosphere of Athens, Greece in the frame of the HygrA-CD campaign”, *EPJ Web of Conferences*, Vol. 199, 15008, 2016.
  29. P. Kokkalis, V. Amiridis, J. Allan, A. Papayannis, S. Solomos, I. Biniotoglou, A. Bougiatioti, A. Tsekeri, A. Nenes, P. Rosenberg, F. Marengo, E. Marinou, J. Vasilescu, D. Nicolae, H. Coe, A. Bacak, and A. Chaikovsky: “Validation of LIRIC aerosol concentration retrievals using airborne measurements during a biomass burning episode over Athens”, *Atmospheric Research*, Vol. 183, 255-267, 2017.
  30. A. Papayannis, A. Argyrouli, A. Bougiatioti, E. Remoundaki, S. Vratolis, A. Nenes, S. Solomos, M. Komppula, E. Giannakaki, J. Kalogiros, R. Banks, K. Eleftheriadis, E. Mantas, E. Diapouli, C.G. Tzanis, S. Kazadzis, I. Biniotoglou, L. Labzovskii, J. Vande Hey, and C.S. Zerefos: “From hygroscopic aerosols to cloud droplets: the HygrA-CD Campaign in the Athens basin-An overview”, *Science of the Total Environment*, Vol. 574, 216-233, 2017.
  31. L. Fountziou, E. Liakakou, I. Stavroulas, C. Theodosi, P. Zarmpas, B. Psiloglou, J. Sciare, T. Maggos, K. Bairachtari, A. Bougiatioti, E. Gerasopoulos, R. Sarda-Estève, N. Bonnaire, and N. Mihalopoulos: “Multi-tracer approach to characterize domestic wood burning in Athens (Greece) during wintertime”, *Atmospheric Environment*, 148, 89-101, 2017.
  32. Kalkavouras, P., Bossioli, E., Bezantakos, S., Bougiatioti, A., Kalivitis, N., Stavroulas, I., Kouvarakis, G., Protonotariou, A. P., Dandou, A., Biskos, G., Mihalopoulos, N., Nenes, A., and Tombrou, M.: “New Particle Formation in the South Aegean Sea during the Etesians: importance for CCN production and cloud droplet number”, *Atmospheric Chemistry and Physics*, 17, 175-192, 2017.
  33. Schmale, J., Henning S., Henzing B., Keskinen H., Sellegri K., Ovadnevaite J., Bougiatioti A., Kalivitis N., Stavroulas I., Jefferson A., Park M., Schlag P., Kristensson A., Iwamoto Y., Pringle K., Reddington C., Aalto P., Äijälä M., Baltensperger U., Bialek J., Birmili W., Bukowiecki N., Ehn M., Fjærraa A.-M., Fiebig M., Frank G., Fröhlich R., Frumau A., Furuya M., Hammer E., Heikkinen L., Herrmann E., Holzinger R., Hyono H., Kanakidou M., Kiendler-Scharr A., Kinouchi K. Kos G., Kulmala M., Mihalopoulos N., Motos G., Nenes A., O’Dowd C., Paramonov M., Petäjä T., Picard D., Poulain L., Prévôt A.S., Slowik J., Sonntag A., Swietlicki E., Svenningsson B., Tsurumaru H., Wiedensohler A., Wittbom C., Ogren J.A., Matsuki A., Yum S.S., Lund-Myhre C., Carslaw K., Stratmann F., and Gysel M.: “Collocated observations of cloud condensation nuclei, particle size distributions, and chemical composition», *Scientific Data*, 4, Article number: 170003, 2017.

34. Bougiatioti, A., Argyrouli, A., Solomos, S., Vratolis, S., Eleftheriadis, K., Papayannis, A., and Nenes, A.: «CCN Activity, Variability and influence on droplet formation during the HygrA-CD Campaign in Athens», *Atmosphere*, 8(6), 108, 2017.
35. N. Rastak, A. Pajunola, J.C. Acosta Navarro, J. Ma, M. Song, D.G. Partridge, A. Kirkevåg, Y. Leong, W.W. Hu, N.F. Taylor, A. Lambe, K. Cerully, A. Bougiatioti, P. Liu, R. Krejci, T. Petäjä, C. Percival, P. Davidovits, D.R. Worsnop, A.M.L. Ekman, A. Nenes, S. Martin, J.L. Jimenez, D.R. Collins, D.O. Topping, A.K. Bertram, A. Zuend, A. Virtanen, and I. Riipinen: Microphysical explanation of the RH-dependent water affinity of biogenic organic aerosol and its importance for climate, *Geophysical Research Letters*, 44, doi:10.102/2017GL073056.
36. Vratolis, S., Fetfatzis, P., Argyrouli, A., Papayannis, A., Müller, D., Veselovskii, I., Bougiatioti, A., Nenes, A., Remoundaki, E., Diapouli, E., Manousakas, M., Mylonaki, M., and Eleftheriadis, K.: A new method to retrieve the real part of the equivalent refractive index of atmospheric aerosols, *J. Aerosol Sci.*, 117, 54-62, 2018 (Impact Factor: 2.042).
37. Schmale, J., Henning, S., Decesari, S., Henzing, B., Keskinen, H., Paramonov, M., Sellegri, K., Ovadnevaite, J., Pöhlker, M. L., Brito, J., Bougiatioti, A., Kristensson, A., Kalivitis, N., Stavroulas, I., Carbone, S., Jefferson, A., Park, M., Schlag, P., Iwamoto, Y., Aalto, P., Äijälä, M., Bukowiecki, N., Ehn, M., Frank, G., Fröhlich, R., Frumau, A., Herrmann, E., Herrmann, H., Holzinger, R., Kos, G., Kulmala, M., Mihalopoulos, N., Nenes, A., O'Dowd, C., Petäjä, T., Picard, D., Pöhlker, C., Pöschl, U., Poulain, L., Prévôt, A. S. H., Swietlicki, E., Andreae, M. O., Artaxo, P., Wiedensohler, A., Ogren, J., Matsuki, A., Yum, S. S., Stratmann, F., Baltensperger, U., and Gysel, M.: What do we learn from long-term cloud condensation nuclei number concentration, particle number size distribution, and chemical composition measurements at regionally representative observatories? *Atmos. Chem. Phys.*, 18, 2853-2881, <https://doi.org/10.5194/acp-18-2853-2018>, 2018.
38. Kostenidou, E., Karnezi, E., Hite Jr., J. R., Bougiatioti, A., Cerully, K., Xu, L., Ng, N. L., Nenes, A., and Pandis, S. N.: Organic aerosol in the summertime Southeastern United States: Components and their link to volatility distribution, oxidation state and hygroscopicity, *Atmos. Chem. Phys.* 18, 5799-5819, <https://doi.org/10.5194/acp-18-5799-2018>.
39. Katsanos, D., Bougiatioti, A., Liakakou, E., Kaskaoutis, D.G., Stavroulas, I., Paraskevopoulou, D., Lianou, M., Psioglou, B.E., Gerasopoulos, E., Pilinis, C., and Mihalopoulos, N.: Optical properties of near-surface urban aerosols and their chemical tracing in a Mediterranean city (Athens), *Aerosol Air Qual. Res.*, in Press, doi:10.4209/aaqr.2017.11.0544, 2019.
40. Solomos, S., Bougiatioti, A., Soupiona, O., Papayannis, A., Mylonaki, M., Papanikolaou, C., Argyrouli, A., and Nenes, A.: Effects of regional and local atmospheric dynamics on the aerosol and CCN load over Athens, *Atmos. Environ.*, 197, 53-65, <https://doi.org/10.1016/j.atmosenv.2018.10.025>, 2019.
41. I. Stavroulas, Bougiatioti, A., G. Grivas, D. Paraskevopoulou, E. Liakakou, E. Gergasopoulos and N. Mihalopoulos.: "Sources and Processes that control the submicron organic aerosol in an urban Mediterranean environment (Athens) using high temporal resolution chemical composition measurements", *Atmos. Chem. Phys.*, 19, 901-919, <https://doi.org/10.5194/acp-19-901-2019>, 2019.
42. Kalivitis, N., Kerminen, V.-M., Kouvarakis, G., Stavroulas, I., Tzitzikalaki, E., Kalkavouras, P., Daskalakis, N., Myriokefalitakis, S., Bougiatioti, A., Manninen, H. E., Roldin, P., Petäjä, T., Boy, M., Kulmala, M., Kanakidou, M., and Mihalopoulos, N.: Formation and growth of atmospheric nanoparticles in the eastern Mediterranean: Results from long-term measurements and process simulations, *Atmos. Chem. Phys.* 19, 2671-2686, 2019..
43. Paraskevopoulou, D., Bougiatioti, A., Stavroulas, I., Fang, T., Lianou, M., Liakakou, E., Gerasopoulos, E., Weber, R., Nenes, A., and Mihalopoulos, N.: Yearlong variability of oxidative potential of particulate matter in an urban Mediterranean environment, *Atmos. Environ.*, 206, 183-196, 2019.
44. Kalkavouras, P., Bougiatioti, A., Kalivitis, N., Tombrou, M., Nenes, A., and Mihalopoulos, N.: Regional New Particle Formation as modulators of Cloud Condensation Nuclei and Cloud Droplet



Number in the Eastern Mediterranean, *Atmos. Chem. Phys. Discuss.*, <https://doi.org/10.5194/acp-2018-1254>, in review, 2018.

45. E. Freney, Y. Zhang, P. Croteau, T. Amodeo, L. Williams, F. Truong, J.-E. Petit, J. Sciare, R. Sarda-Estève, N. Bonnaire, T. Arumae, M. Aurela, K. Bougiatioti, E. Coz, B. Artinano, V. Cretn, T. Elste, L. Heikkinen, L. Poulain, A. Wiedensohler, H. Herrmann, M. Priestman, A. Alastuey, I. Stavroulas, A. Tobler, J. Vasilescu, N. Zanca, M. Canagaratna, C. Carbone, H. Flentje, D. Green, M. Maasikmets, L. Marmureanu, M.-C. Minguión, A.S.H. Prévôt, V. Gros, J. Jayne, and O. Favez: The second ACTRIS inter-comparison (2016) for Aerosol Chemical Speciation Monitors (ACSM): Calibration protocols and instrument performance evaluations, submitted to *Aerosol Science & Technology*.
46. M.A. Tsiflikiotou, E. Kostenidou, D.K. Papanastasiou, D. Patoulias, P. Zampas, D. Paraskevopoulou, E. Diapouli, C. Kaltsonoudis, K. Florou, A. Bougiatioti, I. Stavroulas, C. Theodosi, G. Kouvarakis, V. Vasilatou, D. Siakavaras, G. Biskos, C. Pilinis, K. Eleftheriadis, E. Gerasopoulos, N. Mihalopoulos, and S.N. Pandis: Summertime particulate matter and its composition in Greece, submitted to *Atmospheric Environment*.

#### Conference Proceedings (refereed)

1. C. Arsene, A. Bougiatioti, N. Mihalopoulos: "Sources of non-methane hydrocarbons (NMHCs) in the eastern Mediterranean", Poster Presentation, Joint IGAC-iCACGP Atmospheric Chemistry at the Interfaces, Cape Town-South Africa, 17-22 September 2006 (SEP22/p.534)
2. C. Arsene, A. Bougiatioti, N. Mihalopoulos: "Development of a gas chromatographic method (GC) for non-methane hydrocarbons (NMHCs) measurements in the gas phase", Poster Presentation, XIX Conferinta Nationala de Chimie, Calimanesti-Caciulata-Romania, 4-6 October 2006 (PSV.2/p.337)
3. C. Arsene, A. Bougiatioti, N. Mihalopoulos: "Non-methane hydrocarbons variability in the eastern Mediterranean", Oral Presentation, Regional Climate Variability and its Impacts in the Mediterranean Area, NATO-Advanced Research Workshop, Marrakech-Morocco, 23-27 November 2006.
4. C. Arsene, A. Bougiatioti, N. Mihalopoulos: "Indirect evidence of chlorine atom concentration in the lower troposphere of the Eastern Mediterranean", Poster Presentation, European Geosciences Union General Assembly, Vienna-Austria, 15-20 April 2007 (EGU2007-A-00538)
5. C. Arsene, A. Bougiatioti, N. Kalivitis, G. Chourdakis, P. Zampas, N. Mihalopoulos: "Non-methane hydrocarbon measurements in the eastern Mediterranean during summer: implications for OH radical and Cl atom levels", Poster Presentation, 2<sup>nd</sup> ACCENT Symposium, Atmospheric Composition Change, Causes and Consequences, Urbino-Italy, 26-29 July 2007.
6. C. Arsene, A. Bougiatioti, N. Mihalopoulos: "Sources and variability of Non-methane hydrocarbons in the Eastern Mediterranean", Poster Presentation, Protection and Restoration of the Environment IX, Kefalonia-Greece, 29 June-3 July 2008 (Poster Award).
7. A. Bougiatioti, C. Fountoukis, N. Kalivitis, A. Nenes, S. Pandis, N. Mihalopoulos: "Aerosol characterization in the marine boundary layer of the eastern Mediterranean: Cloud droplet formation characteristics, chemical and CCN closure", Oral Presentation, European Aerosol Conference 2008, Thessaloniki-Greece, 24-29 August 2008 (Abstract T06A0120)
8. A. Flarountzou, E. Terzi, C. Samara, A. Bougiatioti, N. Mihalopoulos, K. Nikolaou: "Particulate and water soluble carbon fractions in PM10 of Thessaloniki", Poster Presentation, European Aerosol Conference 2008, Thessaloniki-Greece, 24-29 August 2008 (Abstract T02A053P)
9. N. Kalivitis, A. Bougiatioti, C. Fountoukis, E. Liakakou, G. Kouvarakis, I. Kopanakis, J. Sciare, M. Lazaridis, R. Hillamo, A. Nenes, S. Pandis, N. Mihalopoulos: "Physicochemical characterization of aerosols in the marine boundary layer of the eastern Mediterranean during summer", Poster

Presentation, European Aerosol Conference 2008, Thessaloniki-Greece, 24-29 August 2008 (Abstract T06A078P)

10. S. Pateraki, D.N. Assimakopoulos, T. Maggos, A. Bougiatioti, N. Mihalopoulos, K. Bairachtari, C. Vasilakos: "Particulate (PM<sub>2.5</sub>, PM<sub>1</sub>) transfer effects in the greater Athens area: concentrations, chemical characterization (PAHs, Carbon elements, Ion species)", Oral Presentation, 7<sup>th</sup> International Conference on Air Quality, Istanbul-Turkey, 24-27 March 2009.
11. C. Theodosi, U. Im, A. Bougiatioti, P. Zarmpas, O. Yenigun, N. Mihalopoulos: "Chemical composition and sources of aerosols over Istanbul, Turkey", Poster Presentation, 7<sup>th</sup> International Conference on Air Quality, Istanbul-Turkey, 24-27 March 2009.
12. A. Bougiatioti, C. Fountoukis, N. Kalivitis, R. Moore, A. Nenes, S. Pandis, N. Mihalopoulos: "Chemical composition of aerosols and cloud condensation nuclei in the Eastern Mediterranean: Results from long-term studies", Oral Presentation, Goldschmidt Conference 2009, Davos-Switzerland, 21-26 June 2009 (Abstract A145)
13. H.E. Manninen, S. Gagne, E. Asmi, M. Sipilä, I. Riipinen, L. Laakso, M. Vana, A. Mirme, U. Hörrak, C. Plass-Dülmer, G. Stange, G. Kiss, A. Hoffer, M. Moerman, M. Brinkenber, G.N. Kouvarakis, A. Bougiatioti, C. O'Dowd, D. Ceburnis, B. Svenningsson, L. Tarozzi, S. Decesari, J. Heseman, A. Wiedensohler, K. Sellegri, V-M. Kerminen, M. Kulmala: "Continuous field measurements using cluster spectrometers within the EUCAARI project", Poster Presentation, International Conference on Nucleation & Atmospheric Aerosol, Prague-Czech Republic, 10-14 August 2009.
14. L. Hildebrandt, E. Kostenidou, B.-H. Lee, G.J. Engelhart, C. Mohr, K. Bougiatioti, P.F. DeCarlo, A.S.H. Prevot, U. Baltensperger, N. Mihalopoulos, N.M. Donahue, S.N. Pandis: "Origin, composition and volatility of aerosol in the Mediterranean during the EUCAARI intensive campaigns: the Finokalia Aerosol Measurement Experiments", Oral Presentation, European Aerosol Conference 2009, Karlsruhe-Germany, 6-11 September 2009 (Abstract T170A11)
15. L.P. Chrysikou, C. Samara, A. Bougiatioti, N. Mihalopoulos: "Polycyclic Aromatic Hydrocarbons and carbon-containing species in ambient aerosols in Thessaloniki, Greece", Poster Presentation, European Aerosol Conference 2009, Karlsruhe-Germany, 6-11 September 2009 (Abstract T022A22)
16. E. Kostenidou L. Hildebrandt, G.J. Engelhart, B. Lee, C. Mohr, A. Bougiatioti, U. Baltensperger, N. Mihalopoulos, S.N. Pandis: "Measurements of the volatility distribution and density of ambient organic aerosols during the Finokalia Aerosol Measurement Experiment-2008", Poster Presentation, European Aerosol Conference 2009, Karlsruhe-Germany, 6-11 September 2009 (Abstract T170A12)
17. H.E. Manninen, S. Gagne, E. Asmi, M. Sipilä, I. Riipinen, L. Laakso, M. Vana, A. Mirme, S. Mirme, U. Hörrak, C. Plass-Dülmer, G. Stange, G. Kiss, A. Hoffer, M. Moerman, M. Brinkenber, G.N. Kouvarakis, A. Bougiatioti, C. O'Dowd, D. Ceburnis, B. Svenningsson, L. Tarozzi, S. Decesari, W. Birmili, J. Heseman, A. Wiedensohler, K. Sellegri, V-M. Kerminen, M. Kulmala: "Cluster spectrometers in intensive measurements within the EUCAARI project", Poster Presentation, European Aerosol Conference 2009, Karlsruhe-Germany, 6-11 September 2009 (Abstract T041A13)
18. A. Bougiatioti, C. Fountoukis, N. Kalivitis, S.N. Pandis, A. Nenes, N. Mihalopoulos: "Size-resolved CCN measurements in the Eastern Mediterranean: distributions, closure and activation kinetics", Oral Presentation, Joint IGAC-iCACGP Atmospheric Chemistry: Challenging the future, Halifax-Canada, 11-16 July 2010 (Abstract Interfaces 2.2 ID:4427)
19. N. Mihalopoulos, M. Cocak, C. Theodosi, P. Zarmpas, U. Im, A. Bougiatioti, O. Yenigun, M. Kanakidou: "Particulate matter (PM<sub>10</sub>) in Istanbul: Origin, source areas and potential impact on

- surrounding regions”, Oral Presentation, Joint IGAC-iCACGP Atmospheric Chemistry: Challenging the future, Halifax-Canada, 11-16 July 2010 (Abstract Observations ID:4515)
20. N. Kalivitis, I. Stavroulas, A. Bougiatioti, G. Kouvarakis, S. Gagne, H.E. Manninen, M. Kulmala, A. Wiedensohler, N. Mihalopoulos: “Atmospheric nucleation in the Eastern Mediterranean marine boundary layer”, Poster Presentation, Joint IGAC-iCACGP Atmospheric Chemistry: Challenging the future, Halifax-Canada, 11-16 July 2010 (Abstract P-Observations ID:4348)
  21. A. Bougiatioti, A. Nenes, C. Fountoukis, N. Kalivitis, S.N. Pandis, N. Mihalopoulos: “Size-resolved CCN activity and variability in the marine boundary layer of the Eastern Mediterranean”, Poster Presentation, Air Quality and Climate Change: Interactions and Feedbacks ACCENT-Plus Symposium, Urbino-Italy, 13-16 September 2011 (Abstract P4)
  22. S. Bezantakos, E. Kostenidou, A. Bougiatioti, K. Eleftheriadis, N. Mihalopoulos, A. Nenes, S. Pandis, G. Biskos: “Chemical composition and hygroscopic properties of ultrafine aerosol particles in the atmosphere over an urban background site in Patras, Greece”, Poster Presentation, European Aerosol Conference 2012, Granada-Spain, 2-7 September 2012 (Abstract 1452)
  23. A. Bougiatioti, P. Zarrmpas, E. Koulouri, M. Antoniou, C. Theodosi, G. Kouvarakis, S. Saarikoski, T. Mäkelä, R. Hillamo, N. Mihalopoulos: “Organic, elemental and water-soluble organic carbon in size-segregated aerosols in the Eastern Mediterranean”, Oral Presentation, European Aerosol Conference 2012, Granada-Spain, 2-7 September 2012 (Abstract 1132)
  24. D. Paraskevopoulou, S. Kazadzis, N. Mihalopoulos, A. Arola, K. Eleftheriadis, C. Theodosi, A. Bougiatioti, E. Diapouli, E. Gerasopoulos: “Evaluation of aerosol OC/BC estimations from AERONET data, using in-situ ground measurements”, Oral Presentation, European Aerosol Conference 2012, Granada-Spain, 2-7 September 2012 (Abstract 701)
  25. C. Theodosi, P. Zarrmpas, D. Smouliotis, A. Bougiatioti, M. Kocak, N. Mihalopoulos: “Carbonaceous aerosols over the Eastern Mediterranean and Black Sea: Primary versus secondary sources”, Poster Presentation, IGAC International Science Conference 2012: Atmospheric Chemistry in the Anthropocene, Beijing-China, 17-21 September 2012 (Abstract P-2-096)
  26. A. Bougiatioti, P. Zarrmpas, C. Theodosi, I. Stavroulas, G. Kouvarakis, F. Canonaco, A.S.H. Prevot, S.N. Pandis, N. Mihalopoulos: “High temporal resolution measurements of biomass burning events during summertime in the Eastern Mediterranean”, Oral Presentation, European Geosciences Union General Assembly, Vienna-Austria, 7-12 April 2013 (Abstract 8174)
  27. S. Pateraki, T. Maggos, D. Assimakopoulos, A. Bougiatioti, C. Vasikalos, N. Mihalopoulos: “Greater Athens PM pollution: Local or regional origin?”, Poster Presentation, European Geosciences Union General Assembly, Vienna-Austria, 7-12 April 2013 (Abstract 7905)
  28. T. Raatikainen, A. Nenes, J.H. Seinfeld, R. Morales, R.H. Moore, T.L. Latham, S. Lance, L.T. Padro, J.J. Lin, K.M. Cerully, A. Bougiatioti, J. Cozic, C. Ruehl, P.Y. Chuang, B.E. Anderson, R.C. Flagan, H. Jonsson, N. Mihalopoulos, J.N. Smith: “Constraining the water vapour uptake coefficient in ambient cloud droplet formation”, Nucleation and Atmospheric Aerosols: 19<sup>th</sup> International Conference, Fort Collins, Colorado-U.S.A. 23-28 June 2013 (AIP Conf. Proc. 1527, 812)
  29. S. Bezantakos, E. Kostenidou, K. Florou, A. Bougiatioti, K. Eleftheriadis, N. Mihalopoulos, A. Nenes, S. Pandis, G. Biskos: “Hygroscopic properties and mixing state of ultrafine aerosol particles over two urban background sites”, Oral Presentation, European Aerosol Conference 2013, Prague-Czech Republic, 1-6 September 2013 (Abstract 2013033-212741\_4403706922)
  30. S. Bezantakos, A. Bougiatioti, I. Stavroulas, K. Eleftheriadis, N. Mihalopoulos, A. Nenes, G. Biskos: “Hygroscopic properties and mixing state of ultrafine aerosol particles over the Eastern

- Mediterranean background site of Finokalia”, Poster Presentation, European Aerosol Conference 2013, Prague-Czech Republic, 1-6 September 2013 (Abstract 2013033-213631\_0261173406)
31. N. Kalivitis, V.-M. Kerminen, G. Kouvarakis, I. Stavroulas, A. Bougiatioti, A. Nenes, H.E. Manninen, T. Petäjä, M. Kulmala, N. Mihalopoulos: “A case of CCN formation associated with atmospheric nucleation in eastern Mediterranean”, Poster Presentation, European Aerosol Conference 2013, Prague-Czech Republic, 1-6 September 2013 (Abstract 2013031-193121\_2704366931)
  32. M. Psichoudaki, E. Kostenidou, A. Bougiatioti, S. Bezantakos, G. Biskos, A. Nenes, S.N. Pandis: “Summer and winter time aerosol levels at an urban Mediterranean environment: Impacts of biomass burning”, Poster Presentation, European Aerosol Conference 2013, Prague-Czech Republic, 1-6 September 2013 (Abstract 20130226-175458\_2326345223)
  33. A. Bougiatioti, S. Bezantakos, I. Stavroulas, G. Biskos, N. Mihalopoulos, A. Nenes: “Contribution of biomass burning to CCN number and hygroscopicity during summertime in the Eastern Mediterranean”, Oral Presentation, 32<sup>nd</sup> Annual Conference of the American Association for Aerosol Research, Portland, Oregon- U.S.A., September 30-October 4, 2013 (Abstract 4CC.4)
  34. K. Cerully, A. Bougiatioti, L. Xu, H. Guo, R. Webber, N.L. Ng, A. Nenes: “Investigation of aerosol in the Southern U.S. during the SOAS field campaign: cloud condensation nuclei activity, droplet activation kinetics and volatility of ambient and water-soluble aerosol”, Poster Presentation, 32<sup>nd</sup> Annual Conference of the American Association for Aerosol Research, Portland, Oregon- U.S.A., September 30-October 4, 2013 (Abstract 8RA.17)
  35. K. Cerully, A. Bougiatioti, L. Xu, H. Guo, R. Webber, N.L. Ng, A. Nenes: “Investigation of aerosol in the Southern U.S. during the SOAS field campaign: cloud condensation nuclei activity, droplet activation kinetics and volatility of ambient and water-soluble aerosol”, Poster Presentation, 2013 Fall Meeting of the American Geophysical Union, San Francisco, California-U.S.A, 9-13 December 2013 (Abstract A13A-0166)
  36. L. Xu, H. Guo, L. King, K. Cerully, A. Bougiatioti, A. Nenes, R. Webber, N.L. Ng: “Chemical characterization of water soluble organic aerosol during SOAS using High Resolution Aerosol Mass Spectrometry”, Oral Presentation, 2013 Fall Meeting of the American Geophysical Union, San Francisco, California-U.S.A, 9-13 December 2013 (Abstract A33H-08)
  37. C.A. Brock, N.L. Wagner, D. Lack, D.C. Law, T. Gordon, M. Richardson, A. M. Middlebrook, J. Liao, A. Welti, J. Holloway, I.B. Pollack, T.B. Ryerson, M. Graus, J.A. De Gouw, C. Warneke, M. Trainer, J.J. Lin, A. Bougiatioti, A. Nenes: “Particle emission, formation and growth in industrial and urban plumes in the Southeastern United States”, Oral Presentation, 2013 Fall Meeting of the American Geophysical Union, San Francisco, California-U.S.A, 9-13 December 2013 (Abstract A24A-04)
  38. J.J. Lin, A. Bougiatioti, A. Nenes, C.A. Brock, T. Gordon, D. Lack, D.C. Law, M. Richardson, N.L. Wagner, J. Liao, A. M. Middlebrook, A. Welti, J. Holloway, M. Graus, C. Warneke, J.A. De Gouw: “Cloud condensation nuclei measurements during the NOAA SENEX mission”, Oral Presentation, 2013 Fall Meeting of the American Geophysical Union, San Francisco, California-U.S.A, 9-13 December 2013 (Abstract A21H-06)
  39. K.-E. Min, W.P. Dube, R.A. Washenfelder, A. O’Neil Langford, S.S. Brown, K. Aikin, A. Bougiatioti, C.A. Brock, J.A. De Gouw, P.M. Edwards, J. Gilman, M. Graus, T.F. Hanisco, J. Holloway, J. Kaiser, F.N. Keutsch, B.H. Lee, B.M. Lerner, J. Liao, J.J. Lin, F. Lopez-Hilfiker, A.M. Middlebrook, A. Nenes, J. Peischl, I.B. Pollack, J.M. Roberts, T.B. Ryerson, J.A. Thornton, P.R. Veres, C. Warneke: “Aircraft measurement of glyoxal (CHOCHO) over southeast U.S. during SENEX2013”, Oral Presentation,

- 2013 Fall Meeting of the American Geophysical Union, San Francisco, California-U.S.A, 9-13 December 2013 (Abstract A21H-07)
40. I. Stavroulas, L. Fourtziou, P. Zarnpas, A. Bougiatioti, E. Liakakou, J. Sciare, N. Mihalopoulos: "Contribution of wood combustion in winter submicron ambient aerosols over Athens", Poster Presentation, European Geosciences Union General Assembly, Vienna-Austria, 27 April-2 May 2014 (Abstract 15617)
  41. N. Kalivitis, G. Kouvarakis, A. Bougiatioti, I. Stavroulas, A. Wiedensohler, N. Mihalopoulos: "Five-years of atmospheric aerosol number size distribution measurements in Eastern Mediterranean", Poster Presentation, European Geosciences Union General Assembly, Vienna-Austria, 27 April-2 May 2014 (Abstract 15860)
  42. M. Tsiflikiotou, D. Papanastasiou, P. Zarnpas, D. Paraskevopoulou, E. Diapouli, E. Kostenidou, C. Kaltsonoudis, A. Bougiatioti, C. Theodosi, G. Kouvarakis, E. Liakakou, V. Vassilatou, D. Siakavaras, G. Biskos, K. Eleftheriadis, E. Gerasopoulos, N. Mihalopoulos, S. Pandis: "Spatial distribution of summertime particulate matter and its composition in Greece", Poster Presentation, European Geosciences Union General Assembly, Vienna-Austria, 27 April-2 May 2014 (Abstract 13704-1)
  43. A. Bougiatioti, K. Cerully, J. Lin, H. Guo, J. Liao, A. Welte, C. Brock, A. Middlebrook, R. Webber, N.L. Ng, A. Nenes: "Hygroscopicity and CCN activity of aerosol in the Southeast U.S. during the SOAS/SENEX Field Campaign", Oral Presentation, 12<sup>th</sup> International Conference on Meteorology, Climatology and Atmospheric Physics, Heraklion, Crete-Greece, 28-31 May 2014 (Abstract e-book p.56)
  44. C. Theodosi, P. Zarnpas, A. Bougiatioti, G. Kouvarakis, N. Mihalopoulos: "Long-term measurements of carbonaceous aerosols in the Eastern Mediterranean", Poster Presentation, 12<sup>th</sup> International Conference on Meteorology, Climatology and Atmospheric Physics, Heraklion, Crete-Greece, 28-31 May 2014 (Abstract e-book p.256)
  45. N. Kalivitis, G. Kouvarakis, A. Bougiatioti, I. Stavroulas, H. Manninen, M. Kulmala, V.-M. Kerminen, N. Mihalopoulos: "Formation and growth of atmospheric aerosol in the Eastern Mediterranean", Poster Presentation, 2014 International Aerosol Conference, Busan-Korea, 28 August-2 September 2014 (Abstract PP17-015)
  46. N. Kalivitis, G. Kouvarakis, A. Bougiatioti, I. Stavroulas, A. Wiedensohler, N. Mihalopoulos: "On the atmospheric aerosol number size distributions in Eastern Mediterranean", Poster Presentation, 2014 International Aerosol Conference, Busan-Korea, 28 August-2 September 2014 (Abstract PP17-010)
  47. A. Bougiatioti, I. Stavroulas, E. Kostenidou, F. Canonaco, A.S.H. Prevot, S.N. Pandis, N. Mihalopoulos: "Sources, seasonal variability and oxidation state of organic aerosol in the Eastern Mediterranean", Poster Presentation, 13<sup>th</sup> Quadrennial IGAC-iCACGP Conference on Atmospheric Chemistry, Natal-Brazil, 22-26 September 2014 (Abstract P4.4, p.221)
  48. I. Stavroulas, L. Fourtziou, A. Bougiatioti, P. Zarnpas, E. Liakakou, J. Sciare, N. Mihalopoulos: "Source apportionment of organic submicron aerosols during wintertime over the Athens Metropolitan Area: Wood combustion contribution", Poster Presentation, 13<sup>th</sup> Quadrennial IGAC-iCACGP Conference on Atmospheric Chemistry, Natal-Brazil, 22-26 September 2014 (Abstract P4.135, p.304)
  49. C. Theodosi, P. Zarnpas, A. Bougiatioti, M. Cocak, G. Kouvarakis, N. Mihalopoulos: "Long term measurements of carbonaceous aerosols over the Eastern Mediterranean and Black Sea: Primary



- versus secondary sources”, Poster Presentation, 13<sup>th</sup> Quadrennial IGAC-iCACGP Conference on Atmospheric Chemistry, Natal-Brazil, 22-26 September 2014 (Abstract P2.72, p.196)
50. A. Bougiatioti, I. Stavroulas, E. Kostenidou, F. Canonaco, S. Pandis, A. Nenes, N. Mihalopoulos: “Contribution of biomass burning to the total organic aerosol in the Eastern Mediterranean”, Poster Presentation, 33<sup>rd</sup> Annual Conference of the American Association for Aerosol Research, Orlando, Florida-U.S.A., 20-24 October 2014 (Abstract 8BB.1)
  51. J. De Gouw, A. Bougiatioti, J. Brioude, S.G. Brown, W.P. Dube, P. Edwards, D. Fahey, J. Gilman, T. Gordon, M. Graus, T. Hanisco, J. Holloway, J. Kaiser, F. Keutsch, D. Lack, D. Law, B. Lee, B. Lerner, J. Liao, J. Lin, F. Lopez-Hilfiker, M. Markovic, A.M. Middlebrook, K.-E. Min et al.: “Overview of the NOAA SENEX Field Mission”, Oral Presentation, 33<sup>rd</sup> Annual Conference of the American Association for Aerosol Research, Orlando, Florida-U.S.A., 20-24 October 2014 (Abstract 4AQ.1)
  52. L. Xu, H. Guo, C. Boyd, K. Cerully, A. Bougiatioti, L. King, R. Weber, A. Nenes, N.L. Ng: “Chemical characterization of organic aerosol during SOAS using High-Resolution Aerosol Mass Spectrometer”, Oral Presentation, 33<sup>rd</sup> Annual Conference of the American Association for Aerosol Research, Orlando, Florida-U.S.A., 20-24 October 2014 (Abstract 5AQ.5)
  53. H. Guo, L. Xu, K. Cerully, A. Bougiatioti, S. Capps, A. Carlton, S. Lee, N.L. Ng, M. Bergin, A. Nenes, R. Weber: “Particle water and pH in the Southeastern U.S.”, Oral Presentation, 33<sup>rd</sup> Annual Conference of the American Association for Aerosol Research, Orlando, Florida-U.S.A., 20-24 October 2014 (Abstract 6AQ.2)
  54. K. Cerully, A. Bougiatioti, L. Xu, H. Guo, J. Hite, N.L. Ng, R. Weber, A. Nenes: “On the link between hygroscopicity, volatility, and oxidation state of ambient and water-soluble aerosol in the Southeastern United States”, Oral Presentation, 33<sup>rd</sup> Annual Conference of the American Association for Aerosol Research, Orlando, Florida-U.S.A., 20-24 October 2014 (Abstract 6AQ.3)
  55. J. Lin, R. Morales-Betancourt, A. Bougiatioti, P. Vasilakos, A. Nenes, C. Brock, N. Wagner, D. Lack, D. Law, T. Gordon, M. Richardson, M. Markovic, J.P. Schwarz, A. M. Middlebrook, J. Liao, A. Welti, J. De Gouw: “Cloud Condensation Nuclei, cloud droplet number and radiative balance over the Southeastern United States: Measurement and modeling results from the NOAA SENEX campaign”, Oral Presentation, 33<sup>rd</sup> Annual Conference of the American Association for Aerosol Research, Orlando, Florida-U.S.A., 20-24 October 2014 (Abstract 7AQ.2)
  56. N. DeLeon-Rodriguez, A. Bougiatioti, N. Mathew, A. Negron-Marty, M. Bergin, K. Konstantinidis, A. Nenes: “Hydrophilicity and CCN activity of atmospheric bacteria isolates and implications of cloud formation”, Oral Presentation, 33<sup>rd</sup> Annual Conference of the American Association for Aerosol Research, Orlando, Florida-U.S.A., 20-24 October 2014 (Abstract 10BA.5)
  57. L. Xu, A.M. Middlebrook, J. Liao, A. Welti, H. Guo, J.J. Lin, A. Bougiatioti, R.J. Weber, A. Nenes, J.S. Holloway, J. Gilman, B.M. Lerner, M. Graus, C. Warneke, M. Trainer, J.A. De Gouw, N.L. Ng: “Aircraft measurement of isoprene-derived Organic Aerosol during the Southeast Nexus (SENEX) campaign using and Aerosol Mass Spectrometer”, Poster Presentation, 2014 Fall Meeting of the American Geophysical Union, San Francisco, California-U.S.A., 15-19 December 2014 (Abstract 27973)
  58. J.J. Lin, A. Bougiatioti, A. Nenes, B.E. Anderson, A.J. Beyersdorf, C.A. Brock, T. Dean Gordon, D. Lack, D.C. Law, J. Liao, A.M. Middlebrook, M. Richardson, K. Lee Thornhill II, E. Winstead, N.L. Wagner, A. Welti, L.D. Ziemba: “Vertical profiles of cloud condensation nuclei, aerosol hygroscopicity, water uptake and scattering across the United States”, Oral Presentation, 2014



- Fall Meeting of the American Geophysical Union, San Francisco, California-U.S.A., 15-19 December 2014 (Abstract 30431)
59. N. Kalivitis, G. Kouvarakis, A. Bougiatioti, I. Stavroulas, E. Tzitzikalaki, H.E. Manninen, M. Kulmala, V.-M. Kerminen, N. Mihalopoulos: "Long-term observations of new particle formation in Eastern Mediterranean atmosphere", Poster Presentation, European Geosciences Union General Assembly 2015, Vienna-Austria, 12-17 April 2015 (Abstract EGU2015-12460)
  60. A. Bougiatioti, A. Papayannis, S. Vratolis, A. Argyrouli, N. Mihalopoulos, M. Tsagkaraki, A. Nenes, K. Eleftheriadis: "Aerosol activity and hygroscopicity combined with lidar data in the urban atmosphere of Athens, Greece in the frame of the HygrA-CD campaign", Poster Presentation, 27<sup>th</sup> International Laser Radar Conference, New York-U.S.A., 5-10 July 2015.
  61. I. Stavroulas, A. Bougiatioti, G. Kouvarakis, N. Kalivitis, P. Zarmpas, C. Theodosi, P. Nikolaou, N. Mihalopoulos: "Long-term monitoring of PM1 chemical composition over the Eastern Mediterranean", Oral Presentation, European Aerosol Conference 2015, Milan-Italy, 6-11 September 2015 (Abstract 15AAP-O020)
  62. A. Argyrouli, A. Papayannis, I. Biniotoglou, P. Kokkalis, P. Fetfatzis, A. Bougiatioti, V. Amiridis, D. Müller, A. Nenes: "Aerosol properties within the convective cloud-topped boundary layer above the megacity of Athens, Greece", Oral Presentation, European Aerosol Conference 2015, Milan-Italy, 6-11 September 2015 (Abstract 41AAP-O044)
  63. A. Bougiatioti, D. Paraskevopoulou, L. Fourtziou, I. Stavroulas, G. Kouvarakis, S. Vratolis, B. Psiloglou, A. Nenes, K. Eleftheriadis, G. Kallos, N. Mihalopoulos: "CCN in an urban and remote location during wintertime: the role of biomass burning", Poster Presentation, European Aerosol Conference 2015, Milan-Italy, 6-11 September 2015 (Abstract 1AAS-P011)
  64. P. Nikolaou, A. Bougiatioti, I. Stavroulas, A. Nenes, N. Mihalopoulos, M. Kanakidou: "Water content and pH over the Eastern Mediterranean", Poster Presentation, European Aerosol Conference 2015, Milan-Italy, 6-11 September 2015 (Abstract 1AAP-P107)
  65. St. Pateraki, Th. Maggos, V.D. Assimakopoulos, A. Bougiatioti, K. Bairachtari, D.N. Asimakopoulos, Ch. Vasilakos, N. Mihalopoulos: "Analysis of PM2.5 and PM1 profile during different pollution events: chemical characteristics and origin", Poster Presentation, European Aerosol Conference 2015, Milan-Italy, 6-11 September 2015 (Abstract 1AAS-P126)
  66. N. de Leon-Rodrigues, A. Bougiatioti, M. Mathew, A. Negron-Marty, S. Purdue, S. Waters, M. Bergin, K. Konstantinidis, A. Nenes: "Hygroscopicity and Cloud Condensation Nuclei activity of bacterial cells", Oral Presentation, AAAR Annual Conference, Minneapolis MN, October 12-16 2015, (Abstract 4BA.3).
  67. P. Vasilakos, H. Pye, Y. Hu, L. Xu, H. Guo, A. Bougiatioti, K. Cerully, L. Yee, A.H. Goldstein, N.L. Ng, R.J. Weber, M. Riva, J. Surratt, A. Koss, A. Guenther, J. de Gouw, K. Olson, A. G. Russell, A. Nenes: "Constraining IEPOX and IEPOX-derived SOA formation in CMAQ with the use of SOAS observations", Oral Presentation, AAAR Annual Conference, Minneapolis MN, October 12-16 2015, (Abstract 2AC.14).
  68. L. Xu, A.M. Middlebrook, J. Liao, J. de Gouw, A. Welti, H. Guo, J.J. Lin, A. Bougiatioti, R.J. Weber, A. Nenes, B.H. Lee, J.A. Thornton, J. Holloway, S. Gilman, B. Lerner, M. Graus, C. Warneke, M. Trainer, N.L. Ng: "Aircraft measurements of isoprene-derived Organic Aerosol during the Southeast Nexus (SENEX) campaign using and Aerosol Mass Spectrometer, Oral Presentation, AAAR Annual Conference, Minneapolis MN, October 12-16 2015, (Abstract 5CA.4).

69. A. Bougiatioti, P. Nikolaou, I. Stavroulas, G. Kouvarakis, A. Nenes, R. Weber, M. Kanakidou, and N. Mihalopoulos: "Fine particle water and pH in the Eastern Mediterranean: Sources variability and implications for nutrients availability", Poster Presentation, European Geosciences Union General Assembly 2016, Vienna-Austria, 17-22 April 2016 (Abstract EGU2016-12281).
70. J. Schmale, S. Henning, F. Stratmann, B. Henzing, P. Schlag, P. Aalto, H. Keskinen, K. Sellegri, J. Ovadnevaite, M. Krüger, A. Jefferson, J. Whitehead, K. Carslaw, S.S. Yum, A. Kristensson, U. Baltensperger, M. Gysel and the CCN Team: "Global synthesis of long-term cloud condensation nuclei observations", Poster Presentation, European Geosciences Union General Assembly 2016, Vienna-Austria, 17-22 April 2016 (Abstract EGU2016-8951).
71. J. Schmale, S. Henning, F. Stratmann, B. Henzing, G. Kos, P. Schlag, R. Holzinger, P. Aalto, H. Keskinen, M. Paramonov, L. Poulain, J. Ovadnevaite, M. Krüger, S. Carbone, J. Brito, R. Fröhlich, E. Herrmann, E. Hammer, U. Baltensperger, M. Gysel and the CCN Team: "Cloud condensation nuclei closure study on long-term observation data", Poster Presentation, European Geosciences Union General Assembly 2016, Vienna-Austria, 17-22 April 2016 (Abstract EGU2016-9014).
72. A. Bougiatioti, D. Paraskevopoulou, I. Stavroulas, L. Fountziou, A. Nenes, N. Mihalopoulos: "Particle water and pH in the city of Athens during wintertime and the role of biomass burning", Poster Presentation, European Aerosol Conference 2016, Tours-France, 4-9 September 2016 (Abstract P2-AAS-AAP-131)
73. E. Liakakou, E. Gerasopoulos, M. Lianou, C. Theodosi, D. Paraskevopoulou, I. Stavroulas, A. Bougiatioti, L. Fountziou, P. Zarbas, B. Psiloglou, J. Sciare, and N. Mihalopoulos: "Urban background aerosol monitoring (Athens center) with emphasis on biomass burning processes during winter-time and implications on air quality", Poster Presentation, European Aerosol Conference 2016, Tours- FRANCE, 4-9 September 2016 (Abstract P2-AAS-AAP-129)
74. A. Bougiatioti, I. Stavroulas, L. Fountziou, P. Nikolaou, D. Paraskevopoulou, G. Kouvarakis, A. Nenes, and N. Mihalopoulos: "Fine particle water and pH in an urban and remote location and the role of biomass burning", Oral Presentation, 13th International Conference on Meteorology, Climatology and Atmospheric Physics, Thessaloniki- GREECE, 19-21 September 2016
75. A. Papayannis, A. Argyrouli, A. Bougiatioti, A. Nenes, J. Vande Hey, M. Komppula, P. Kokkalis, S. Solomos, R. Banks, L. Labzovskii, I. Kalogiros, and E. Giannakaki: "From hygroscopic growth to cloud droplets: the HygrA-CD Campaign in the Athens basin-An overview", Oral Presentation, 13th International Conference on Meteorology, Climatology and Atmospheric Physics, Thessaloniki- GREECE, 19-21 September 2016
76. R.J. Weber, H. Guo, A. Bougiatioti, N. Mihalopoulos, A. Nenes: "Fine particle pH", Oral Presentation, AAAR Annual Conference, Portland OR, October 17-21 2016, (Abstract 4AC.6).
77. A. Bougiatioti, A. Nenes, D. Paraskevopoulou, L. Fountziou, I. Stavroulas, E. Liakakou, S. Myriokefalitakis, N. Daskalakis, R. Weber, M. Kanakidou, E. Gerasopoulos, N. Mihalopoulos: "Biomass burning and its effects on fine aerosol acidity, water content and nitrogen partitioning", Poster Presentation, European Geosciences Union General Assembly 2017, Vienna-Austria, 23-28 April 2017 (Abstract EGU2017-15270).
78. D. Paraskevopoulou, A. Bougiatioti, T. Fang, E. Liakakou, R. Weber, A. Nenes, N. Mihalopoulos: "Oxidative Potential of ambient particulate matter in Athens, Greece", Poster Presentation, European Geosciences Union General Assembly 2017, Vienna-Austria, 23-28 April 2017 (Abstract EGU2016-16612).

79. A. Bougiatioti, D. Paraskevopoulou, I. Stavroulas, R. Weber, A. Nenes, M. Kanakidou, N. Mihalopoulos: "The effects of biomass burning on fine aerosol acidity, liquid water content and nitrogen partitioning", European Aerosol Conference 2017, Zurich-Switzerland, 27 August- 1 September 2017 (T29N57b).
80. J. Schmale, S. Henning, B. Henzing, K. Sellegri, J. Ovadnevaite, A. Bougiatioti, A. Jefferson, S.S. Yum, P. Schlag, A. Kristensson, A. Matsuki, M. Pöhlker, J. Brito, F. Stratmann, M. Gysel and the CCN Team: "What do we learn from long-term CCN observation?", European Aerosol Conference 2017, Zurich-Switzerland, 27 August- 1 September 2017 (Abstract T201N01c).
81. A. Bougiatioti, D. Paraskevopoulou, I. Stavroulas, S. Myriokefalitakis, N. Daskalakis, R.J. Weber, M. Kanakidou and N. Mihalopoulos: "The impact of biomass burning on fine aerosol acidity, water content and nitrogen partitioning", 36th AAAR Annual Conference, Raleigh, North Carolina, October 16-20 2017 (Abstract 1AC.3).
82. D. Paraskevopoulou, A. Bougiatioti, T. Fang, E. Liakakou, R.J. Weber, A. Nenes and N. Mihalopoulos: "Oxidative potential of ambient aerosol in Athens, Greece and its dependence on chemical composition", 36th AAAR Annual Conference, Raleigh, North Carolina, October 16-20 2017 (Abstract 8OP.3).
83. A. Bougiatioti, I. Stavroulas, D. Paraskevopoulou, G. Grivs, P. Zampas, E. Liakakou, E. Gerasopoulos and N. Mihalopoulos: "Source apportionment and variability of submicron organic aerosol from year-long near real-time measurements over an urban Mediterranean area", Poster Presentation, 10th International Aerosol Conference (IAC 2018), St. Louis- Missouri, U.S.A, 2-7 September 2018, Abstract 4CA.30
84. D. Paraskevopoulou, I. Tsiodra, A. Bougiatioti, A. Nenes and N. Mihalopoulos: "ROS-Generating capacity of particulate matter over two cities in Eastern Mediterranean", Poster Presentation, 10th International Aerosol Conference (IAC 2018), St. Louis- Missouri, U.S.A, 2-7 September 2018, Abstract 7CD.19
85. P. Kalkavouras, A. Bougiatioti, I. Stavroulas, C. Pilinis, A. Nenes and N. Mihalopoulos: "Aerosol submicrometer size distribution in the urban environment of Athens, 14th International Conference on Meteorology, Climatology and Atmospheric Physics, Alexandroupolis- GREECE, 15-17 October 2018, Submission 67.

Based on the above publications list, journals' impact factor and number of citations, I have an h-index of 21, with a sum of times cited of 1488 (Scopus on March 21<sup>st</sup> 2019).

Impact factors of all journals are provided by the official web-page of each journal:

<http://www.atmospheric-chemistry-and-physics.net/>

<http://www.journals.elsevier.com/atmospheric-environment/>

<http://www.journals.elsevier.com/atmospheric-research>

<http://www.journals.elsevier.com/science-of-the-total-environment/>

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