

Konstantinos Eleftheriadis

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8265778/konstantinos-elftheriadis-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

216
papers

5,686
citations

42
h-index

66
g-index

263
ext. papers

6,709
ext. citations

5.5
avg, IF

5.59
L-index

#	Paper	IF	Citations
216	Chemical composition of size-resolved atmospheric aerosols in the eastern Mediterranean during summer and winter. <i>Atmospheric Environment</i> , 2003 , 37, 195-208	5.3	237
215	AIRUSE-LIFE+: a harmonized PM speciation and source apportionment in five Southern European cities. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 3289-3309	6.8	191
214	Soot reference materials for instrument calibration and intercomparisons: a workshop summary with recommendations. <i>Atmospheric Measurement Techniques</i> , 2012 , 5, 1869-1887	4	162
213	Aerosol black carbon in the European Arctic: Measurements at Zeppelin station, Ny-Ålesund, Svalbard from 1998-2007. <i>Geophysical Research Letters</i> , 2009 , 36, n/a-n/a	4.9	161
212	Associations between fine and coarse particles and mortality in Mediterranean cities: results from the MED-PARTICLES project. <i>Environmental Health Perspectives</i> , 2013 , 121, 932-8	8.4	154
211	Short-term associations between fine and coarse particulate matter and hospitalizations in Southern Europe: results from the MED-PARTICLES project. <i>Environmental Health Perspectives</i> , 2013 , 121, 1026-33	8.4	152
210	16-year simulation of Arctic black carbon: Transport, source contribution, and sensitivity analysis on deposition. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 943-964	4.4	125
209	Polycyclic aromatic hydrocarbons and their derivatives (nitro-PAHs, oxygenated PAHs, and azaarenes) in PM from Southern European cities. <i>Science of the Total Environment</i> , 2017 , 595, 494-504	10.2	122
208	Assessment of source apportionment by Positive Matrix Factorization analysis on fine and coarse urban aerosol size fractions. <i>Atmospheric Environment</i> , 2009 , 43, 3385-3395	5.3	116
207	Indoor air quality/Bioaerosol measurements in domestic and office premises. <i>Journal of Aerosol Science</i> , 2005 , 36, 751-761	4.3	105
206	Assessment of PM _{2.5} sources and their corresponding level of uncertainty in a coastal urban area using EPA PMF 5.0 enhanced diagnostics. <i>Science of the Total Environment</i> , 2017 , 574, 155-164	10.2	104
205	Desert Dust Outbreaks in Southern Europe: Contribution to Daily PM ₁₀ Concentrations and Short-Term Associations with Mortality and Hospital Admissions. <i>Environmental Health Perspectives</i> , 2016 , 124, 413-9	8.4	103
204	Factors controlling air quality in different European subway systems. <i>Environmental Research</i> , 2016 , 146, 35-46	7.9	99
203	Size distribution and sources of trace metals and n-alkanes in the Athens urban aerosol during summer. <i>Atmospheric Environment</i> , 2007 , 41, 2368-2381	5.3	85
202	Characterization of Emissions from a Desktop 3D Printer. <i>Journal of Industrial Ecology</i> , 2017 , 21, S94-S106.	6.2	83
201	Short-term effects of particulate matter constituents on daily hospitalizations and mortality in five South-European cities: results from the MED-PARTICLES project. <i>Environment International</i> , 2015 , 75, 151-8	12.9	80
200	Organic and elemental carbon associated to PM ₁₀ and PM _{2.5} at urban sites of northern Greece. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 1769-1785	5.1	74

199	Evolution of air pollution source contributions over one decade, derived by PM ₁₀ and PM _{2.5} source apportionment in two metropolitan urban areas in Greece. <i>Atmospheric Environment</i> , 2017 , 164, 416-430	5.3	70
198	Which specific causes of death are associated with short term exposure to fine and coarse particles in Southern Europe? Results from the MED-PARTICLES project. <i>Environment International</i> , 2014 , 67, 54-61	12.9	66
197	Atmospheric aerosol and gaseous species in Athens, Greece. <i>Atmospheric Environment</i> , 1998 , 32, 2183-2191	3.1	65
196	Short-term effects of particulate matter on mortality during forest fires in Southern Europe: results of the MED-PARTICLES Project. <i>Occupational and Environmental Medicine</i> , 2015 , 72, 323-9	2.1	61
195	Air and seawater pollution and air-sea gas exchange of persistent toxic substances in the Aegean Sea: spatial trends of PAHs, PCBs, OCPs and PBDEs. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 11301-13	5.1	58
194	Association Between Short-term Exposure to Ultrafine Particles and Mortality in Eight European Urban Areas. <i>Epidemiology</i> , 2017 , 28, 172-180	3.1	57
193	On the quantification of atmospheric carbonate carbon by thermal/optical analysis protocols. <i>Atmospheric Measurement Techniques</i> , 2011 , 4, 2409-2419	4	55
192	A new methodology to assess the performance and uncertainty of source apportionment models II: The results of two European intercomparison exercises. <i>Atmospheric Environment</i> , 2015 , 123, 240-250	5.3	54
191	A characterization of Arctic aerosols on the basis of aerosol optical depth and black carbon measurements. <i>Elementa</i> , 2014 , 2,	3.6	52
190	Implications of the aerosol size distribution modal structure of trace and major elements on human exposure, inhaled dose and relevance to the PM _{2.5} and PM ₁₀ metrics in a European pollution hotspot urban area. <i>Journal of Aerosol Science</i> , 2017 , 103, 38-52	4.3	51
189	PM ₁₀ and PM _{2.5} Levels in the Eastern Mediterranean (Akrotiri Research Station, Crete, Greece). <i>Water, Air, and Soil Pollution</i> , 2008 , 189, 85-101	2.6	51
188	Seasonality of aerosol optical properties in the Arctic. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 11590-11620	3.0	50
187	AIRUSE-LIFE +: estimation of natural source contributions to urban ambient air PM ₁₀ and PM _{2.5} concentrations in southern Europe: Implications to compliance with limit values. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 3673-3685	6.8	49
186	Multidecadal trends in aerosol radiative forcing over the Arctic: Contribution of changes in anthropogenic aerosol to Arctic warming since 1980. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 3573-3594	4.4	48
185	Source apportionment by PMF on elemental concentrations obtained by PIXE analysis of PM ₁₀ samples collected at the vicinity of lignite power plants and mines in Megalopolis, Greece. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015 , 349, 114-124	1.2	47
184	Size distribution, composition and origin of the submicron aerosol in the marine boundary layer during the eastern Mediterranean SUB-AERO experiment. <i>Atmospheric Environment</i> , 2006 , 40, 6245-6260	5.3	47
183	Size distributions of airborne radionuclides from the Fukushima nuclear accident at several places in Europe. <i>Environmental Science & Technology</i> , 2013 , 47, 10995-1003	10.3	46
182	Indoor and Outdoor Particle Number and Mass Concentrations in Athens. Sources, Sinks and Variability of Aerosol Parameters. <i>Aerosol and Air Quality Research</i> , 2011 , 11, 632-642	4.6	46

181	AEuropean aerosol phenomenology [6]: scattering properties of atmospheric aerosol particles from 28ACTRIS sites. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 7877-7911	6.8	46
180	On Aethalometer measurement uncertainties and an instrument correction factor for the Arctic. <i>Atmospheric Measurement Techniques</i> , 2017 , 10, 5039-5062	4	45
179	Physicochemical characterization of aged biomass burning aerosol after long-range transport to Greece from large scale wildfires in Russia and surrounding regions, Summer 2010. <i>Atmospheric Environment</i> , 2014 , 96, 393-404	5.3	45
178	International Arctic Systems for Observing the Atmosphere: An International Polar Year Legacy Consortium. <i>Bulletin of the American Meteorological Society</i> , 2016 , 97, 1033-1056	6.1	44
177	Pan-Eurasian Experiment (PEEX): towards a holistic understanding of the feedbacks and interactions in the land-atmosphere-ocean-society continuum in the northern Eurasian region. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 14421-14461	6.8	43
176	Sources and chemical characterization of organic aerosol during the summer in the eastern Mediterranean. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 11355-11371	6.8	42
175	Radioactive pollution in Athens, Greece due to the Fukushima nuclear accident. <i>Journal of Environmental Radioactivity</i> , 2012 , 114, 100-4	2.4	42
174	Concentration levels of 210Pb and 210Po in dry tobacco leaves in Greece. <i>Journal of Environmental Radioactivity</i> , 2006 , 85, 94-102	2.4	42
173	Size resolved mass concentration and elemental composition of atmospheric aerosols over the Eastern Mediterranean area. <i>Atmospheric Chemistry and Physics</i> , 2003 , 3, 2207-2216	6.8	42
172	Influence of local and regional sources on the observed spatial and temporal variability of size resolved atmospheric aerosol mass concentrations and water-soluble species in the Athens metropolitan area. <i>Atmospheric Environment</i> , 2014 , 97, 252-261	5.3	41
171	The risks of acute exposure to black carbon in Southern Europe: results from the MED-PARTICLES project. <i>Occupational and Environmental Medicine</i> , 2015 , 72, 123-9	2.1	40
170	Impact of the 2009 Attica wild fires on the air quality in urban Athens. <i>Atmospheric Environment</i> , 2012 , 46, 536-544	5.3	40
169	Lung deposition of fine and ultrafine particles outdoors and indoors during a cooking event and a no activity period. <i>Indoor Air</i> , 2007 , 17, 143-52	5.4	40
168	Effects of mixing state on optical and radiative properties of black carbon in the European Arctic. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 14037-14057	6.8	40
167	Assessment of wood burning versus fossil fuel contribution to wintertime black carbon and carbon monoxide concentrations in Athens, Greece. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 10219-10236	6.8	38
166	Annual Variability of Black Carbon Concentrations Originating from Biomass and Fossil Fuel Combustion for the Suburban Aerosol in Athens, Greece. <i>Atmosphere</i> , 2017 , 8, 234	2.7	37
165	Sources and geographic origin of particulate matter in urban areas of the Danube macro-region: The cases of Zagreb (Croatia), Budapest (Hungary) and Sofia (Bulgaria). <i>Science of the Total Environment</i> , 2018 , 619-620, 1515-1529	10.2	36
164	Implementation of road and soil dust emission parameterizations in the aerosol model CAMx: Applications over the greater Athens urban area affected by natural sources. <i>Journal of Geophysical Research</i> , 2010 , 115,		36

163	Optical properties of aerosols over the eastern Mediterranean. <i>Atmospheric Environment</i> , 2006 , 40, 6229-6244	36
162	Dynamics of fine particles and photo-oxidants in the Eastern Mediterranean (SUB-AERO). <i>Atmospheric Environment</i> , 2006 , 40, 6214-6228	5.3 36
161	The traffic signature on the vertical PM profile: Environmental and health risks within an urban roadside environment. <i>Science of the Total Environment</i> , 2019 , 646, 448-459	10.2 35
160	Determination of water-soluble and insoluble elements in PM _{2.5} by ICP-MS. <i>Science of the Total Environment</i> , 2014 , 493, 694-700	10.2 35
159	Comparative study of pretreatment methods for the determination of metals in atmospheric aerosol by electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2005 , 65, 1196-202	6.2 35
158	Indirect evidence of the composition of nucleation mode atmospheric particles in the high Arctic. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 965-975	4.4 34
157	Source apportionment of the oxidative potential of fine ambient particulate matter (PM) in Athens, Greece. <i>Science of the Total Environment</i> , 2019 , 653, 1407-1416	10.2 34
156	Characterization of Human Health Risks from Particulate Air Pollution in Selected European Cities. <i>Atmosphere</i> , 2019 , 10, 96	2.7 33
155	A global analysis of climate-relevant aerosol properties retrieved from the network of Global Atmosphere Watch (GAW) near-surface observatories. <i>Atmospheric Measurement Techniques</i> , 2020 , 13, 4353-4392	4 32
154	Black Carbon Sources Constrained by Observations in the Russian High Arctic. <i>Environmental Science & Technology</i> , 2017 , 51, 3871-3879	10.3 31
153	Airborne concentrations and chemical considerations of radioactive ruthenium from an undeclared major nuclear release in 2017. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 16750-16759	11.5 31
152	Physico-chemical characteristics of particulate matter in the Eastern Mediterranean. <i>Atmospheric Research</i> , 2012 , 106, 93-107	5.4 31
151	Relationship between indoor and outdoor size-fractionated particulate matter in urban microenvironments: Levels, chemical composition and sources. <i>Environmental Research</i> , 2020 , 183, 109203	7.9 30
150	Children's exposure and dose assessment to particulate matter in Lisbon. <i>Building and Environment</i> , 2020 , 171, 106666	6.5 30
149	Mesoscale modeling of combined aerosol and photo-oxidant processes in the Eastern Mediterranean. <i>Atmospheric Chemistry and Physics</i> , 2005 , 5, 927-940	6.8 30
148	Multidecadal trend analysis of in situ aerosol radiative properties around the world. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 8867-8908	6.8 30
147	Ambient particulate matter source apportionment using receptor modelling in European and Central Asia urban areas. <i>Environmental Pollution</i> , 2020 , 266, 115199	9.3 30
146	East Siberian Arctic background and black carbon polluted aerosols at HMO Tiksi. <i>Science of the Total Environment</i> , 2019 , 655, 924-938	10.2 28

145	Ground-based aerosol optical depth trends at three high-altitude sites in Switzerland and southern Germany from 1995 to 2010. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		26
144	Particle exposure and inhaled dose while commuting in Lisbon. <i>Environmental Pollution</i> , 2020 , 257, 113543		26
143	Potential Source Apportionment and Meteorological Conditions Involved in Airborne I Detections in January/February 2017 in Europe. <i>Environmental Science & Technology</i> , 2018 , 52, 8488-8500	10.3	25
142	Particulate matter and gaseous pollutants in the Mediterranean Basin: results from the MED-PARTICLES project. <i>Science of the Total Environment</i> , 2014 , 488-489, 297-315	10.2	25
141	Chemical composition and hygroscopic properties of aerosol particles over the Aegean Sea. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 11595-11608	6.8	25
140	Inorganic and carbonaceous components in indoor/outdoor particulate matter in two residential houses in Oslo, Norway. <i>Journal of the Air and Waste Management Association</i> , 2008 , 58, 346-56	2.4	25
139	The distribution of snow black carbon observed in the Arctic and compared to the GISS-PUCCINI model. <i>Atmospheric Chemistry and Physics</i> , 2012 , 12, 7995-8007	6.8	24
138	Airborne Lidar and in-situ Aerosol Observations of an Elevated Layer, Leeward of the European Alps and Apennines. <i>Geophysical Research Letters</i> , 2002 , 29, 33-1-33-4	4.9	24
137	Assessment of factors influencing PM mass concentration measured by gravimetric & beta attenuation techniques at a suburban site. <i>Atmospheric Environment</i> , 2016 , 131, 409-417	5.3	23
136	Source apportionment of PM and PM in major urban Greek agglomerations using a hybrid source-receptor modeling process. <i>Science of the Total Environment</i> , 2017 , 601-602, 906-917	10.2	23
135	Evaluation of receptor and chemical transport models for PM10 source apportionment. <i>Atmospheric Environment: X</i> , 2020 , 5, 100053	2.8	23
134	XRF characterization and source apportionment of PM10 samples collected in a coastal city. <i>X-Ray Spectrometry</i> , 2018 , 47, 190-200	0.9	23
133	Small-Scale Study of Siberian Biomass Burning: I. Smoke Microstructure. <i>Aerosol and Air Quality Research</i> , 2015 , 15, 117-128	4.6	22
132	Changes in black carbon emissions over Europe due to COVID-19 lockdowns. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 2675-2692	6.8	22
131	Particulate matter and health effects in offices - A review. <i>Building and Environment</i> , 2019 , 156, 62-73	6.5	21
130	Structure and magnetic properties of Zn _{1-x} In _x Fe ₂ O ₄ and Zn _y xFe _{2-2x} O ₄ nanoparticles prepared by coprecipitation. <i>Ceramics International</i> , 2013 , 39, 3235-3242	5.1	21
129	Coarse atmospheric aerosol: size distributions of trace elements. <i>Atmospheric Environment</i> , 2001 , 35, 5321-5330	5.3	21
128	Heterogeneous nucleation on rough surfaces: implications to atmospheric aerosols. <i>Atmospheric Research</i> , 2000 , 55, 103-113	5.4	19

127	Particulate matter pollution from aviation-related activity at a small airport of the Aegean Sea Insular Region. <i>Science of the Total Environment</i> , 2017 , 596-597, 187-193	10.2	18
126	The role of PIXE in the AIRUSE project Testing and development of air quality mitigation measures in Southern Europe <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015 , 363, 92-98	1.2	18
125	Smoke aerosol chemistry and aging of Siberian biomass burning emissions in a large aerosol chamber. <i>Atmospheric Environment</i> , 2018 , 185, 15-28	5.3	18
124	Remote sensing and in-situ measurements of tropospheric aerosol, a PAMARCMiP case study. <i>Atmospheric Environment</i> , 2012 , 52, 56-66	5.3	18
123	Evaluation of a statistical forecast model for size-fractionated urban particle number concentrations using data from five European cities. <i>Journal of Aerosol Science</i> , 2013 , 66, 96-110	4.3	18
122	A Pilot Investigation of PM Indoor/Outdoor Mass Concentration and Chemical Analysis during a Period of Extensive Fireplace Use in Athens. <i>Aerosol and Air Quality Research</i> , 2015 , 15, 2485-2495	4.6	18
121	Computational modeling as part of alternative testing strategies in the respiratory and cardiovascular systems: inhaled nanoparticle dose modeling based on representative aerosol measurements and corresponding toxicological analysis. <i>Nanotoxicology</i> , 2015 , 9 Suppl 1, 106-115	5.3	17
120	The dynamics and structure of smoke aerosols. <i>Journal of Aerosol Science</i> , 1989 , 20, 875-878	4.3	17
119	Overview: Integrative and Comprehensive Understanding on Polar Environments (iCUPE) Concept and initial results. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 8551-8592	6.8	17
118	Formation and Transport of Atmospheric Aerosol over Athens, Greece. <i>Water, Air and Soil Pollution</i> , 2002 , 2, 223-235		16
117	Aerosol Pollutants during Agricultural Biomass Burning: A Case Study in Ba Vi Region in Hanoi, Vietnam. <i>Aerosol and Air Quality Research</i> , 2017 , 17, 2762-2779	4.6	16
116	Impact of Smoke Intensity on Size-Resolved Aerosol Composition and Microstructure during the Biomass Burning Season in Northwest Vietnam. <i>Aerosol and Air Quality Research</i> , 2016 , 16, 2635-2654	4.6	16
115	Modeling of the dispersion of depleted uranium aerosol. <i>Health Physics</i> , 2003 , 84, 538-44	2.3	15
114	Characterization of PM ₁₀ Sources and Ambient Air Concentration Levels at Megalopolis City (Southern Greece) Located in the Vicinity of Lignite-Fired Plants. <i>Aerosol and Air Quality Research</i> , 2013 , 13, 804-817	4.6	15
113	Chemical characterisation of particulate matter in urban transport modes. <i>Journal of Environmental Sciences</i> , 2021 , 100, 51-61	6.4	15
112	Characterization of PM chemical composition at the Demokritos suburban station, in Athens Greece. The influence of Saharan dust. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 11836-11846	5.1	14
111	Concentration levels and source apportionment of ultrafine particles in road microenvironments. <i>Atmospheric Environment</i> , 2016 , 129, 68-78	5.3	14
110	Assessing PM ₁₀ source reduction in urban agglomerations for air quality compliance. <i>Journal of Environmental Monitoring</i> , 2012 , 14, 266-78		14

109	Seasonal variability of carbon in humic-like matter of ambient size-segregated water soluble organic aerosols from urban background environment. <i>Atmospheric Environment</i> , 2018 , 173, 239-247	5.3	14
108	Optical-microphysical and physical-chemical characteristics of Siberian biomass burning: Experiments in Aerosol Chamber. <i>Atmospheric and Oceanic Optics</i> , 2016 , 29, 492-500	0.8	13
107	AIRUSE-LIFE+: a harmonized PM speciation and source apportionment in 5 Southern European cities		13
106	Polybrominated diphenyl ethers (PBDEs) in background air around the Aegean: implications for phase partitioning and size distribution. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 28102-28120	5.1	12
105	Monitoring of air pollution levels related to Charilaos Trikoupis Bridge. <i>Science of the Total Environment</i> , 2017 , 609, 1451-1463	10.2	12
104	Summertime particulate matter and its composition in Greece. <i>Atmospheric Environment</i> , 2019 , 213, 597-607	5.9	11
103	Airborne ultrafine particles in a naturally ventilated metro station: Dominant sources and mixing state determined by particle size distribution and volatility measurements. <i>Environmental Pollution</i> , 2018 , 239, 82-94	9.3	11
102	A new method to retrieve the real part of the equivalent refractive index of atmospheric aerosols. <i>Journal of Aerosol Science</i> , 2018 , 117, 54-62	4.3	11
101	Deposition of ionic species and black carbon to the Arctic snowpack: combining snow pit observations with modeling. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 10361-10377	6.8	11
100	Cascade Epiphaniometer: An instrument for aerosol Buchs surface area size distribution measurements. <i>Journal of Aerosol Science</i> , 2013 , 63, 87-102	4.3	11
99	Study on particulate matter air pollution, source origin, and human health risk based of PM10 metal content in Volos City, Greece. <i>Toxicological and Environmental Chemistry</i> , 2017 , 99, 691-709	1.4	11
98	Performance comparison of two thermodenuders in Volatility Tandem DMA measurements. <i>Journal of Aerosol Science</i> , 2016 , 92, 38-52	4.3	10
97	Influence of Biogenic Organics on the Chemical Composition of Arctic Aerosols. <i>Global Biogeochemical Cycles</i> , 2019 , 33, 1238-1250	5.9	10
96	Exposure and dose to particulate matter inside the subway system of Athens, Greece. <i>Air Quality, Atmosphere and Health</i> , 2017 , 10, 1015-1028	5.6	10
95	Modelling and evaluation of size-resolved aerosol characteristics in the Eastern Mediterranean during the SUB-AERO project. <i>Atmospheric Environment</i> , 2006 , 40, 6261-6275	5.3	10
94	Overview of aerosol microphysics at Arctic sunrise: measurements during the NICE renoxification study		10
93	Multi-city comparative PM source apportionment for fifteen sites in Europe: The ICARUS project. <i>Science of the Total Environment</i> , 2021 , 751, 141855	10.2	10
92	Global deposition and transport efficiencies of radioactive species with respect to modelling credibility after Fukushima (Japan, 2011). <i>Journal of Environmental Radioactivity</i> , 2015 , 149, 164-75	2.4	9

91	Long Term Flux of Saharan Dust to the Aegean Sea around the Attica Region, Greece. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	9
90	Shipboard Measurements of Nitrogen Dioxide, Nitrous Acid, Nitric Acid and Ozone in the Eastern Mediterranean Sea. <i>Water, Air and Soil Pollution</i> , 2008 , 8, 117-125		9
89	Three-Year Long Source Apportionment Study of Airborne Particles in Ulaanbaatar Using X-Ray Fluorescence and Positive Matrix Factorization. <i>Aerosol and Air Quality Research</i> , 2019 , 19, 1056-1067	4.6	9
88	Quantitative assessment of the variability in chemical profiles from source apportionment analysis of PM10 and PM2.5 at different sites within a large metropolitan area. <i>Environmental Research</i> , 2021 , 192, 110257	7.9	9
87	Characterization of carbon fractal-like aggregates by size distribution measurements and theoretical calculations. <i>Aerosol Science and Technology</i> , 2016 , 50, 133-147	3.4	8
86	CCN Activity, Variability and Influence on Droplet Formation during the HygrA-Cd Campaign in Athens. <i>Atmosphere</i> , 2017 , 8, 108	2.7	8
85	Soot Reference Materials for instrument calibration and intercomparisons: a workshop summary with recommendations 2012 ,		8
84	Background Aerosol Properties in the European Arctic. <i>Water, Air and Soil Pollution</i> , 2004 , 4, 23-30		8
83	06.O.02 Metal aerosol concentrations at a refuse site. <i>Journal of Aerosol Science</i> , 1994 , 25, 49-50	4.3	8
82	Aerosol carbonaceous, elemental and ionic composition variability and origin at the Siberian High Arctic, Cape Baranova. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2020 , 72, 1-14	3.3	8
81	Correlation between inorganic pollutants in the suspended particulate matter (SPM) and fine particulate matter (PM2.5) collected from industrial and residential areas in Greater Cairo, Egypt. <i>Air Quality, Atmosphere and Health</i> , 2019 , 12, 241-250	5.6	8
80	Detailed characterization of the CAPS single-scattering albedo monitor (CAPS PMssa) as a field-deployable instrument for measuring aerosol light absorption with the extinction-minus-scattering method. <i>Atmospheric Measurement Techniques</i> , 2021 , 14, 819-851	4	8
79	The effect of meteorological conditions and atmospheric composition in the occurrence and development of new particle formation (NPF) events in Europe. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 3345-3370	6.8	8
78	Estimation of the Personal Deposited Dose of Particulate Matter and Particle-Bound Metals Using Data from Selected European Cities. <i>Atmosphere</i> , 2018 , 9, 248	2.7	8
77	From hygroscopic aerosols to cloud droplets: The HygrA-CD campaign in the Athens basin - An overview. <i>Science of the Total Environment</i> , 2017 , 574, 216-233	10.2	7
76	A Comparative Study of the Main Mechanisms Controlling Indoor Air Pollution in Residential Flats. <i>Water, Air, and Soil Pollution</i> , 2009 , 204, 333-350	2.6	7
75	Seasonality of the particle number concentration and size distribution: a global analysis retrieved from the network of Global Atmosphere Watch (GAW) near-surface observatories. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 17185-17223	6.8	7
74	Number Concentrations and Modal Structure of Indoor/Outdoor Fine Particles in Four European Cities. <i>Aerosol and Air Quality Research</i> , 2017 , 17, 131-146	4.6	7

73	Particle number size distribution statistics at City-Centre Urban Background, urban background, and remote stations in Greece during summer. <i>Atmospheric Environment</i> , 2019 , 213, 711-726	5.3	6
72	Determining the ventilation and aerosol deposition rates from routine indoor-air measurements. <i>Environmental Monitoring and Assessment</i> , 2014 , 186, 151-63	3.1	6
71	Dynamics of Atmospheric Aerosol Number Size Distributions in the Eastern Mediterranean During the SUB-AERO Project. <i>Water, Air, and Soil Pollution</i> , 2011 , 214, 133-146	2.6	6
70	Industrial and wildfire aerosol pollution over world heritage Lake Baikal. <i>Journal of Environmental Sciences</i> , 2021 , 107, 49-64	6.4	6
69	Equal abundance of summertime natural and wintertime anthropogenic Arctic organic aerosols.. <i>Nature Geoscience</i> , 2022 , 15, 196-202	18.3	6
68	Size Distribution of Inorganic Species and Their Inhaled Dose in a Detergent Industrial Workplace. <i>Water, Air and Soil Pollution</i> , 2008 , 8, 71-76		5
67	The particle collection efficiency of rectangular strips by inertial impaction. <i>Journal of Aerosol Science</i> , 1992 , 23, 35-38	4.3	5
66	Contribution of locally-produced and transported air pollution to particulate matter in a small insular coastal city. <i>Atmospheric Pollution Research</i> , 2020 , 11, 667-678	4.5	5
65	Activity size distribution of radioactive nuclide ⁷ Be at different locations and under different meteorological conditions. <i>Atmospheric Environment</i> , 2019 , 212, 272-280	5.3	4
64	Comparison and complementary use of in situ and remote sensing aerosol measurements in the Athens Metropolitan Area. <i>Atmospheric Environment</i> , 2020 , 228, 117439	5.3	4
63	Environmental measurements and inspections on imported foods and feedstuffs in Greece after the Fukushima accident. <i>Radiation Protection Dosimetry</i> , 2013 , 156, 465-74	0.9	4
62	Multidecadal trend analysis of aerosol radiative properties at a global scale		4
61	On Aethalometer measurement uncertainties and multiple scattering enhancement in the Arctic		4
60	Case Studies of Source Apportionment and Suggested Measures at Southern European Cities. <i>Issues in Environmental Science and Technology</i> , 2016 , 168-263	0.7	4
59	Large seasonal and interannual variations of biogenic sulfur compounds in the Arctic atmosphere (Svalbard; 78.9°N, 11.9°E). <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 9761-9777	6.8	4
58	A phenomenology of new particle formation (NPF) at 13 European sites. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 11905-11925	6.8	4
57	Analysis of spatial factors, time-activity and infiltration on outdoor generated PM exposures of school children in five European cities. <i>Science of the Total Environment</i> , 2021 , 785, 147111	10.2	4
56	Pan-Arctic seasonal cycles and long-term trends of aerosol properties from 10 observatories. <i>Atmospheric Chemistry and Physics</i> , 2022 , 22, 3067-3096	6.8	4

55	Long-term variability of the air pollution sources reflected on the state of mixing of the urban aerosol. <i>Current Opinion in Environmental Science and Health</i> , 2019 , 8, 36-39	8.1	3
54	Assessment of wood burning versus fossil fuel contribution to wintertime black carbon and carbon monoxide concentrations in Athens, Greece 2017 ,		3
53	Modeling of Combined Aerosol and Photooxidant Processes in the Mediterranean Area. <i>Water, Air and Soil Pollution</i> , 2004 , 4, 3-21		3
52	Overview of aerosol microphysics at Arctic sunrise: measurements during the NICE renoxification study. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2005 , 57, 40-50	3.3	3
51	AIRUSE-LIFE +: Estimation of natural source contributions to urban ambient air PM ₁₀ and PM _{2.5} concentrations in Southern Europe. Implications to compliance with limit values		3
50	Changes in black carbon emissions over Europe due to COVID-19 lockdowns		3
49	Sources and chemical characterization of organic aerosol during the summer in the eastern Mediterranean		3
48	Dark Glacier Surface of Greenland's Largest Floating Tongue Governed by High Local Deposition of Dust. <i>Remote Sensing</i> , 2020 , 12, 3793	5	3
47	Bioaerosols in the Athens Metro: Metagenetic insights into the PM microbiome in a naturally ventilated subway station. <i>Environment International</i> , 2021 , 146, 106186	12.9	3
46	Source Apportionment and Assessment of Air Quality Index of PM _{2.5-10} and PM _{2.5} in at Two Different Sites in Urban Background Area in Senegal. <i>Atmosphere</i> , 2021 , 12, 182	2.7	3
45	First-Time Source Apportionment Analysis of Deposited Particulate Matter from a Moss Biomonitoring Study in Northern Greece. <i>Atmosphere</i> , 2021 , 12, 208	2.7	3
44	Elucidating the present-day chemical composition, seasonality and source regions of climate-relevant aerosols across the Arctic land surface. <i>Environmental Research Letters</i> , 2022 , 17, 034032	6.2	3
43	Integrative and comprehensive Understanding on Polar Environments (iCUPE): the concept and initial results 2020 ,		2
42	On the quantification of atmospheric carbonate carbon by thermal/optical analysis protocols 2010 ,		2
41	Organic and black carbon in background atmospheric aerosols. <i>Journal of Aerosol Science</i> , 2000 , 31, 178-179		2
40	Airborne lidar and aerosol studies over the adriatic sea: II. Aerosol volatility studies. <i>Journal of Aerosol Science</i> , 2000 , 31, 586-587	4.3	2
39	THE FRACTIONATION OF ATMOSPHERIC COARSE AEROSOL BY A TUNNEL SAMPLER EMPLOYING SINGLE STAGE IMPACTORS. <i>Journal of Aerosol Science</i> , 2000 , 31, 321-334	4.3	2
38	Estimates of mass absorption cross sections of black carbon for filter-based absorption photometers in the Arctic. <i>Atmospheric Measurement Techniques</i> , 2021 , 14, 6723-6748	4	2

37	A global analysis of climate-relevant aerosol properties retrieved from the network of GAW near-surface observatories		2
36	Estimates of mass absorption cross sections of black carbon for filter-based absorption photometers in the Arctic		2
35	Aerosol microphysics and chemistry reveal the COVID19 lockdown impact on urban air quality. <i>Scientific Reports</i> , 2021 , 11, 14477	4.9	2
34	Investigation of an Intense Dust Outbreak in the Mediterranean Using XMed-Dry Network, Multiplatform Observations, and Numerical Modeling. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 1566	2.6	2
33	Seasonality of aerosol optical properties in the Arctic 2018 ,		2
32	Inter-laboratory comparison of ED-XRF/PIXE analytical techniques in the elemental analysis of filter-deposited multi-elemental certified reference materials representative of ambient particulate matter. <i>Science of the Total Environment</i> , 2021 , 780, 146449	10.2	2
31	Absorption instruments inter-comparison campaign at the Arctic Pallas station. <i>Atmospheric Measurement Techniques</i> , 2021 , 14, 5397-5413	4	2
30	Large Circulation Patterns Strongly Modulate Long-Term Variability of Arctic Black Carbon Levels and Areas of Origin. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL092876	4.9	2
29	Source apportionment of children daily exposure to particulate matter.. <i>Science of the Total Environment</i> , 2022 , 155349	10.2	2
28	Effects of mixing state on optical and radiative properties of black carbon in the European Arctic 2018 ,		1
27	Characterisation of Airborne Particulate Matter in Different European Subway Systems 2017 ,		1
26	Fine and coarse particle mass concentrations and emission rates in the workplace of a detergent industry. <i>Indoor and Built Environment</i> , 2014 , 23, 881-889	1.8	1
25	Aerosol volatility measurements at the GAW stations Jungfraujoch and Ny l̄esund. <i>Journal of Aerosol Science</i> , 2000 , 31, 366-367	4.3	1
24	Size distributions of atmospheric coarse aerosol species by a tunnel sampler employing single stage impactors. <i>Journal of Aerosol Science</i> , 1991 , 22, S321-S324	4.3	1
23	Linking indoor particulate matter and black carbon with sick building syndrome symptoms in a public office building. <i>Atmospheric Pollution Research</i> , 2021 , 13, 101292	4.5	1
22	Mass size distributions, composition and dose estimates of particulate matter in Saharan dust outbreaks.. <i>Environmental Pollution</i> , 2022 , 298, 118768	9.3	1
21	Chemical composition and hygroscopic properties of aerosol particles over the Aegean Sea		1
20	Formation and Transport of Atmospheric Aerosol over Athens, Greece 2002 , 223-235		1

19	Blueprint for a self-sustained European Centre for service provision in safe and sustainable innovation for nanotechnology.. <i>NanoImpact</i> , 2021 , 23, 100337	5.6	1
18	Experimental and numerical investigations of under-expanded gas flows for optimal operation of a novel multipole differential ion mobility filter in the first vacuum-stage of a mass spectrometer. <i>International Journal of Mass Spectrometry</i> , 2021 , 465, 116605	1.9	1
17	Europe-Wide Atmospheric Radionuclide Dispersion by Unprecedented Wildfires in the Chernobyl Exclusion Zone, April 2020. <i>Environmental Science & Technology</i> , 2021 , 55, 13834-13848	10.3	1
16	Overview: Recent advances in the understanding of the northern Eurasian environments and of the urban air quality in China ▯ Pan-Eurasian Experiment (PEEX) programme perspective. <i>Atmospheric Chemistry and Physics</i> , 2022 , 22, 4413-4469	6.8	1
15	Population Health Risks Assessment from Air Pollution Exposure in an Industrialized Residential Area in Greece. <i>Atmosphere</i> , 2022 , 13, 615	2.7	1
14	A new on-line SPE LC-HRMS method for the analysis of Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) in PM and its application for screening atmospheric particulates from Dublin and Enniscorthy, Ireland.. <i>Science of the Total Environment</i> , 2022 , 155496	10.2	1
13	Long-range transported biomass-burning aerosols from large-scale wildfires in Russia and surrounding regions with respect to radioactive tracers. <i>Air Quality, Atmosphere and Health</i> , 2019 , 12, 627-634	5.6	0
12	Radioactive aerosol analysis 2020 , 263-313		0
11	Model evaluation of short-lived climate forcers for the Arctic Monitoring and Assessment Programme: a multi-species, multi-model study. <i>Atmospheric Chemistry and Physics</i> , 2022 , 22, 5775-5828	6.8	0
10	Siberian Arctic black carbon: gas flaring and wildfire impact. <i>Atmospheric Chemistry and Physics</i> , 2022 , 22, 5983-6000	6.8	0
9	IMPACT OF INDOOR HOUSHOLD ACTIVITIES ON THE SIZE DISTRIBUTION OF FINE AEROSOL NUMBER CONCENTRATION AND CASE SPECIFIC CALCULATED INHALED DOSE. <i>Journal of Aerosol Science</i> , 2004 , 35, S849-S850	4.3	
8	Airborne lidar and aerosol studies over the adriatic sea: I. Characterisation of the MBL. <i>Journal of Aerosol Science</i> , 2000 , 31, 293-294	4.3	
7	Arctic black carbon measurements at NY Lesund, Svalbard. <i>Journal of Aerosol Science</i> , 1999 , 30, S843-S844	4.3	
6	Influence of wind direction on atmospheric aerosol and gaseous species in Athens, Greece. <i>Journal of Aerosol Science</i> , 1996 , 27, S107-S108	4.3	
5	35 P 19 Intercomparison between measurements by pixe and ion chromatography on atmospheric aerosol samples. <i>Journal of Aerosol Science</i> , 1993 , 24, S417-S418	4.3	
4	Efficiency calibration of a well-type HPGe detector using experimental and Monte Carlo simulation techniques. <i>Nuclear Technology and Radiation Protection</i> , 2020 , 35, 121-129	0.7	
3	Ground-Based Aerosol Optical Depth Inter-Comparison Campaigns at EUSAAR Sites in Athens, Greece. <i>Springer Atmospheric Sciences</i> , 2013 , 1141-1146	0.7	
2	Aerosol Activity and Hygroscopicity Combined with Lidar Data in the Urban Atmosphere of Athens, Greece in the Frame of the HYGRA_CD Campaign. <i>EPJ Web of Conferences</i> , 2016 , 119, 15008	0.3	

- 1 Searching for the smoking gun of the miscarried 2019 Nenoksa nuclear cruise missile test: a null result. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2021**, 647, 350-358 1.3