

Konstantinos Eleftheriadis

List of Publications by Year in Descending Order

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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	Mass size distributions, composition and dose estimates of particulate matter in Saharan dust outbreaks.. <i>Environmental Pollution</i> , 2022 , 298, 118768	9.3	1
215	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
214	Equal abundance of summertime natural and wintertime anthropogenic Arctic organic aerosols.. <i>Nature Geoscience</i> , 2022 , 15, 196-202	18.3	6
213	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
212	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
211	Source apportionment of children daily exposure to particulate matter.. <i>Science of the Total Environment</i> , 2022 , 155349	10.2	2
210	Population Health Risks Assessment from Air Pollution Exposure in an Industrialized Residential Area in Greece. <i>Atmosphere</i> , 2022 , 13, 615	2.7	1
209	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
208	Siberian Arctic black carbon: gas flaring and wildfire impact. <i>Atmospheric Chemistry and Physics</i> , 2022 , 22, 5983-6000	6.8	0
207	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
206	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
205	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
204	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
203	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
202	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
201	Aerosol microphysics and chemistry reveal the COVID19 lockdown impact on urban air quality. <i>Scientific Reports</i> , 2021 , 11, 14477	4.9	2
200	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

199	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
198	Chemical characterisation of particulate matter in urban transport modes. <i>Journal of Environmental Sciences</i> , 2021 , 100, 51-61	6.4	15
197	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
196	Searching for the "smoking gun" of the miscarried 2019 Nenoksa nuclear cruise missile test: a null result. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 350-358	1.3	
195	Quantitative assessment of the variability in chemical profiles from source apportionment analysis of PM ₁₀ and PM _{2.5} at different sites within a large metropolitan area. <i>Environmental Research</i> , 2021 , 192, 110257	7.9	9
194	Source Apportionment and Assessment of Air Quality Index of PM _{2.5} and PM 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
193	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
192	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
191	Detailed characterization of the CAPS single-scattering albedo monitor (CAPS PM _{ssa}) 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
190	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
189	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
188	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
187	Absorption instruments inter-comparison campaign at the Arctic Pallas station. <i>Atmospheric Measurement Techniques</i> , 2021 , 14, 5397-5413	4	2
186	A phenomenology of new particle formation (NPF) at 13 European sites. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 11905-11925	6.8	4
185	Industrial and wildfire aerosol pollution over world heritage Lake Baikal. <i>Journal of Environmental Sciences</i> , 2021 , 107, 49-64	6.4	6
184	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
183	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
182	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

181	Integrative and comprehensive Understanding on Polar Environments (iCUPE): the concept and initial results 2020 ,		2
180	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
179	Children's exposure and dose assessment to particulate matter in Lisbon. <i>Building and Environment</i> , 2020 , 171, 106666	6.5	30
178	Radioactive aerosol analysis 2020 , 263-313		0
177	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
176	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
175	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
174	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
173	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	
172	Evaluation of receptor and chemical transport models for PM10 source apportionment. <i>Atmospheric Environment: X</i> , 2020 , 5, 100053	2.8	23
171	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
170	Particle exposure and inhaled dose while commuting in Lisbon. <i>Environmental Pollution</i> , 2020 , 257, 113543	7.3	26
169	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
168	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
167	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
166	Summertime particulate matter and its composition in Greece. <i>Atmospheric Environment</i> , 2019 , 213, 597597	5.9	11
165	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
164	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

163	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
162	Particulate matter and health effects in offices - A review. <i>Building and Environment</i> , 2019 , 156, 62-73	6.5	21
161	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
160	Characterization of Human Health Risks from Particulate Air Pollution in Selected European Cities. <i>Atmosphere</i> , 2019 , 10, 96	2.7	33
159	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
158	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
157	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
156	Influence of Biogenic Organics on the Chemical Composition of Arctic Aerosols. <i>Global Biogeochemical Cycles</i> , 2019 , 33, 1238-1250	5.9	10
155	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
154	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
153	Correlation between inorganic pollutants in the suspended particulate matter (SPM) and fine particulate matter (PM _{2.5}) collected from industrial and residential areas in Greater Cairo, Egypt. <i>Air Quality, Atmosphere and Health</i> , 2019 , 12, 241-250	5.6	8
152	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
151	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
150	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
149	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
148	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
147	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
146	Effects of mixing state on optical and radiative properties of black carbon in the European Arctic 2018 ,		1

145	Seasonality of aerosol optical properties in the Arctic. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 11590-11623	0.9	23
144	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
143	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
142	A European aerosol phenomenology 6: scattering properties of atmospheric aerosol particles from 28 ACTRIS sites. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 7877-7911	6.8	46
141	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
140	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
139	Seasonality of aerosol optical properties in the Arctic 2018 ,		2
138	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
137	Implications of the aerosol size distribution modal structure of trace and major elements on human exposure, inhaled dose and relevance to the PM2.5 and PM10 metrics in a European pollution hotspot urban area. <i>Journal of Aerosol Science</i> , 2017 , 103, 38-52	4.3	51
136	Black Carbon Sources Constrained by Observations in the Russian High Arctic. <i>Environmental Science & Technology</i> , 2017 , 51, 3871-3879	10.3	31
135	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
134	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
133	Evolution of air pollution source contributions over one decade, derived by PM10 and PM2.5 source apportionment in two metropolitan urban areas in Greece. <i>Atmospheric Environment</i> , 2017 , 164, 416-430	5.3	70
132	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
131	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
130	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
129	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
128	Assessment of wood burning versus fossil fuel contribution to wintertime black carbon and carbon monoxide concentrations in Athens, Greece 2017 ,		3

127	On Aethalometer measurement uncertainties and an instrument correction factor for the Arctic. <i>Atmospheric Measurement Techniques</i> , 2017 , 10, 5039-5062	4	45
126	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
125	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
124	Characterization of Emissions from a Desktop 3D Printer. <i>Journal of Industrial Ecology</i> , 2017 , 21, S94-S106.2	6.2	83
123	Monitoring of air pollution levels related to Charilaos Trikoupi Bridge. <i>Science of the Total Environment</i> , 2017 , 609, 1451-1463	10.2	12
122	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
121	Assessment of PM2.5 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
120	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
119	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
118	Characterisation of Airborne Particulate Matter in Different European Subway Systems 2017 ,		1
117	CCN Activity, Variability and Influence on Droplet Formation during the HygrA-Cd Campaign in Athens. <i>Atmosphere</i> , 2017 , 8, 108	2.7	8
116	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
115	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
114	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
113	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
112	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
111	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
110	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

109	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
108	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
107	Performance comparison of two thermodenuders in Volatility Tandem DMA measurements. <i>Journal of Aerosol Science</i> , 2016 , 92, 38-52	4.3	10
106	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
105	Factors controlling air quality in different European subway systems. <i>Environmental Research</i> , 2016 , 146, 35-46	7.9	99
104	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
103	Concentration levels and source apportionment of ultrafine particles in road microenvironments. <i>Atmospheric Environment</i> , 2016 , 129, 68-78	5.3	14
102	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
101	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
100	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
99	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	
98	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
97	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
96	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, 106-15	5.3	17
95	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
94	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
93	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
92	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

91	Source apportionment by PMF on elemental concentrations obtained by PIXE analysis of PM10 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
90	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
89	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
88	Small-Scale Study of Siberian Biomass Burning: I. Smoke Microstructure. <i>Aerosol and Air Quality Research</i> , 2015 , 15, 117-128	4.6	22
87	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
86	Organic and elemental carbon associated to PM10 and PM 2.5 at urban sites of northern Greece. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 1769-1785	5.1	74
85	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
84	Determination of water-soluble and insoluble elements in PM2.5 by ICP-MS. <i>Science of the Total Environment</i> , 2014 , 493, 694-700	10.2	35
83	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
82	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
81	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
80	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
79	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
78	A characterization of Arctic aerosols on the basis of aerosol optical depth and black carbon measurements. <i>Elementa</i> , 2014 , 2,	3.6	52
77	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
76	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
75	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
74	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

73	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
72	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
71	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
70	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
69	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
68	Characterization of PM10 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
67	Ground-Based Aerosol Optical Depth Inter-Comparison Campaigns at EUSAAR Sites in Athens, Greece. <i>Springer Atmospheric Sciences</i> , 2013 , 1141-1146	0.7	
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8	Multidecadal trend analysis of aerosol radiative properties at a global scale		4
7	Changes in black carbon emissions over Europe due to COVID-19 lockdowns		3
6	Chemical composition and hygroscopic properties of aerosol particles over the Aegean Sea		1
5	AIRUSE-LIFE+: a harmonized PM speciation and source apportionment in 5 Southern European cities		13
4	Sources and chemical characterization of organic aerosol during the summer in the eastern Mediterranean		3
3	On Aethalometer measurement uncertainties and multiple scattering enhancement in the Arctic		4
2	A global analysis of climate-relevant aerosol properties retrieved from the network of GAW near-surface observatories		2

1 Estimates of mass absorption cross sections of black carbon for filter-based absorption photometers in the Arctic

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