

# Manousos Ioannis Manousakas

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

1,468  
citations

394286

19  
h-index

330025

37  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1976  
citing authors

#	ARTICLE	IF	CITATIONS
1	AIRUSE-LIFE+: a harmonized PM speciation and source apportionment in five southern European cities. Atmospheric Chemistry and Physics, 2016, 16, 3289-3309.	1.9	267
2	Assessment of PM <sub>2.5</sub> sources and their corresponding level of uncertainty in a coastal urban area using EPA PMF 5.0 enhanced diagnostics. Science of the Total Environment, 2017, 574, 155-164.	3.9	166
3	Evolution of air pollution source contributions over one decade, derived by PM <sub>10</sub> and PM <sub>2.5</sub> source apportionment in two metropolitan urban areas in Greece. Atmospheric Environment, 2017, 164, 416-430.	1.9	103
4	AIRUSE-LIFE +: estimation of natural source contributions to urban ambient air PM <sub>10</sub> and PM <sub>2.5</sub> concentrations in southern Europe – implications to compliance with limit values. Atmospheric Chemistry and Physics, 2017, 17, 3673-3685.	1.9	67
5	Ambient particulate matter source apportionment using receptor modelling in European and Central Asia urban areas. Environmental Pollution, 2020, 266, 115199.	3.7	66
6	Source apportionment by PMF on elemental concentrations obtained by PIXE analysis of PM <sub>10</sub> samples collected at the vicinity of lignite power plants and mines in Megalopolis, Greece. Nuclear Instruments & Methods in Physics Research B, 2015, 349, 114-124.	0.6	60
7	Relationship between indoor and outdoor size-fractionated particulate matter in urban microenvironments: Levels, chemical composition and sources. Environmental Research, 2020, 183, 109203.	3.7	53
8	Source apportionment of the oxidative potential of fine ambient particulate matter (PM <sub>2.5</sub> ) in Athens, Greece. Science of the Total Environment, 2019, 653, 1407-1416.	3.9	51
9	The traffic signature on the vertical PM profile: Environmental and health risks within an urban roadside environment. Science of the Total Environment, 2019, 646, 448-459.	3.9	46
10	Determination of water-soluble and insoluble elements in PM <sub>2.5</sub> by ICP-MS. Science of the Total Environment, 2014, 493, 694-700.	3.9	43
11	Evaluation of receptor and chemical transport models for PM <sub>10</sub> source apportionment. Atmospheric Environment: X, 2020, 5, 100053.	0.8	41
12	Children's exposure and dose assessment to particulate matter in Lisbon. Building and Environment, 2020, 171, 106666.	3.0	40
13	XRF characterization and source apportionment of PM <sub>10</sub> samples collected in a coastal city. X-Ray Spectrometry, 2018, 47, 190-200.	0.9	38
14	East Siberian Arctic background and black carbon polluted aerosols at HMO Tiksi. Science of the Total Environment, 2019, 655, 924-938.	3.9	37
15	Spatial and vertical distribution and risk assessment of natural radionuclides in soils surrounding the lignite-fired power plants in Megalopolis basin, Greece. Radiation Protection Dosimetry, 2013, 156, 49-58.	0.4	25
16	Correlation between inorganic pollutants in the suspended particulate matter (SPM) and fine particulate matter (PM <sub>2.5</sub> ) collected from industrial and residential areas in Greater Cairo, Egypt. Air Quality, Atmosphere and Health, 2019, 12, 241-250.	1.5	25
17	Multi-city comparative PM <sub>2.5</sub> source apportionment for fifteen sites in Europe: The ICARUS project. Science of the Total Environment, 2021, 751, 141855.	3.9	25
18	Particulate matter pollution from aviation-related activity at a small airport of the Aegean Sea Insular Region. Science of the Total Environment, 2017, 596-597, 187-193.	3.9	23

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19	Source Apportionment of Fine Organic and Inorganic Atmospheric Aerosol in an Urban Background Area in Greece. <i>Atmosphere</i> , 2020, 11, 330.	1.0	23
20	Chemical characterisation of particulate matter in urban transport modes. <i>Journal of Environmental Sciences</i> , 2021, 100, 51-61.	3.2	23
21	Quantitative assessment of the variability in chemical profiles from source apportionment analysis of PM <sub>10</sub> and PM <sub>2.5</sub> at different sites within a large metropolitan area. <i>Environmental Research</i> , 2021, 192, 110257.	3.7	20
22	Characterization of PM <sub>10</sub> 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.	0.9	19
23	Monitoring of air pollution levels related to Charilaos Trikoupi Bridge. <i>Science of the Total Environment</i> , 2017, 609, 1451-1463.	3.9	16
24	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.	1.8	15
25	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.	0.9	15
26	Aerosol microphysics and chemistry reveal the COVID19 lockdown impact on urban air quality. <i>Scientific Reports</i> , 2021, 11, 14477.	1.6	14
27	Long Term Flux of Saharan Dust to the Aegean Sea around the Attica Region, Greece. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	13
28	Aerosol carbonaceous, elemental and ionic composition variability and origin at the Siberian High Arctic, Cape Baranov. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 72, 1803708.	0.8	12
29	Source Apportionment and Assessment of Air Quality Index of PM <sub>2.5</sub> and PM <sub>2.5</sub> in at Two Different Sites in Urban Background Area in Senegal. <i>Atmosphere</i> , 2021, 12, 182.	1.0	11
30	Mass size distributions, composition and dose estimates of particulate matter in Saharan dust outbreaks. <i>Environmental Pollution</i> , 2022, 298, 118768.	3.7	10
31	Assessment of the Personal Dose Received by School Children due to PM <sub>10</sub> Air Pollution in Lisbon. <i>Aerosol and Air Quality Research</i> , 2020, 20, 1384-1397.	0.9	9
32	Population Health Risks Assessment from Air Pollution Exposure in an Industrialized Residential Area in Greece. <i>Atmosphere</i> , 2022, 13, 615.	1.0	9
33	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.	1.8	8
34	Source apportionment of children daily exposure to particulate matter. <i>Science of the Total Environment</i> , 2022, 835, 155349.	3.9	8
35	Indoor radon measurements in a Greek city located in the vicinity of lignite-fired power plants. <i>Radiation Measurements</i> , 2010, 45, 1060-1067.	0.7	7
36	Source identification of fine and coarse aerosol during smog episodes in Debrecen, Hungary. <i>Air Quality, Atmosphere and Health</i> , 2021, 14, 1017-1032.	1.5	7

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37	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.	3.9	7
38	Assessment of children's exposure to carbonaceous matter and to PM major and trace elements. <i>Science of the Total Environment</i> , 2021, 807, 151021.	3.9	7
39	Comparison and complementary use of in situ and remote sensing aerosol measurements in the Athens Metropolitan Area. <i>Atmospheric Environment</i> , 2020, 228, 117439.	1.9	6
40	New Insight into the Measurements of Particle-Bound Metals in the Urban and Remote Atmospheres of the Sarajevo Canton and Modeled Impacts of Particulate Air Pollution in Bosnia and Herzegovina. <i>Environmental Science &amp; Technology</i> , 2022, 56, 7052-7062.	4.6	5
41	Case Studies of Source Apportionment and Suggested Measures at Southern European Cities. <i>Issues in Environmental Science and Technology</i> , 2016, , 168-263.	0.4	4
42	Source identification of the elemental fraction of particulate matter using size segregated, highly time-resolved data and an optimized source apportionment approach. <i>Atmospheric Environment: X</i> , 2022, 14, 100165.	0.8	4
43	Special Issue Sources and Composition of Ambient Particulate Matter. <i>Atmosphere</i> , 2021, 12, 462.	1.0	1
44	Identification of the major contributing sources to ambient PM <sub>2.5</sub> oxidative potential in Athens, Greece. , 2019, , .		0
45	Editorial: Physicochemical Characterization of Aerosols in Diverse Environments and Climatic Conditions. <i>Frontiers in Environmental Science</i> , 2022, 9, .	1.5	0
46	Chemical composition and sources of organic aerosol on the Adriatic coast in Croatia. <i>Atmospheric Environment: X</i> , 2022, 13, 100159.	0.8	0
47	Source Apportionment of Children Daily Exposure to Particulate Matter. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0