

Evangelia Diapouli

List of Publications by Citations

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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.

65
papers

2,126
citations

26
h-index

45
g-index

68
ext. papers

2,535
ext. citations

5.4
avg, IF

4.77
L-index

#	Paper	IF	Citations
65	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
64	Soot reference materials for instrument calibration and intercomparisons: a workshop summary with recommendations. <i>Atmospheric Measurement Techniques</i> , 2012 , 5, 1869-1887	4	162
63	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
62	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
61	Factors controlling air quality in different European subway systems. <i>Environmental Research</i> , 2016 , 146, 35-46	7.9	99
60	Estimating the concentration of indoor particles of outdoor origin: a review. <i>Journal of the Air and Waste Management Association</i> , 2013 , 63, 1113-29	2.4	95
59	Indoor and outdoor PM mass and number concentrations at schools in the Athens area. <i>Environmental Monitoring and Assessment</i> , 2008 , 136, 13-20	3.1	86
58	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
57	Levels of ultrafine particles in different microenvironments—implications to children exposure. <i>Science of the Total Environment</i> , 2007 , 388, 128-36	10.2	70
56	ECOC comparison exercise with identical thermal protocols after temperature offset correction □ instrument diagnostics by in-depth evaluation of operational parameters. <i>Atmospheric Measurement Techniques</i> , 2015 , 8, 779-792	4	69
55	On the quantification of atmospheric carbonate carbon by thermal/optical analysis protocols. <i>Atmospheric Measurement Techniques</i> , 2011 , 4, 2409-2419	4	55
54	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
53	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
52	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
51	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
50	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
49	Radioactive pollution in Athens, Greece due to the Fukushima nuclear accident. <i>Journal of Environmental Radioactivity</i> , 2012 , 114, 100-4	2.4	42

48	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
47	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
46	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
45	Indoor and Outdoor Particulate Matter Concentrations at Schools in the Athens Area. <i>Indoor and Built Environment</i> , 2007 , 16, 55-61	1.8	35
44	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
43	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
42	Children's exposure and dose assessment to particulate matter in Lisbon. <i>Building and Environment</i> , 2020 , 171, 106666	6.5	30
41	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
40	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
39	Particle exposure and inhaled dose while commuting in Lisbon. <i>Environmental Pollution</i> , 2020 , 257, 113543	4.7	26
38	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
37	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
36	Evaluation of receptor and chemical transport models for PM10 source apportionment. <i>Atmospheric Environment: X</i> , 2020 , 5, 100053	2.8	23
35	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
34	Small-Scale Study of Siberian Biomass Burning: I. Smoke Microstructure. <i>Aerosol and Air Quality Research</i> , 2015 , 15, 117-128	4.6	22
33	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
32	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
31	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

30	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
29	Chemical characterisation of particulate matter in urban transport modes. <i>Journal of Environmental Sciences</i> , 2021 , 100, 51-61	6.4	15
28	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	5.16	14
27	Assessing PM10 source reduction in urban agglomerations for air quality compliance. <i>Journal of Environmental Monitoring</i> , 2012 , 14, 266-78		14
26	PM10 and Ultrafine Particles Counts In-Vehicle and On-Road in the Athens Area. <i>Water, Air and Soil Pollution</i> , 2008 , 8, 89-97		14
25	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
24	AIRUSE-LIFE+: a harmonized PM speciation and source apportionment in 5 Southern European cities		13
23	Summertime particulate matter and its composition in Greece. <i>Atmospheric Environment</i> , 2019 , 213, 597-607	5.97	11
22	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
21	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
20	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
19	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
18	Soot Reference Materials for instrument calibration and intercomparisons: a workshop summary with recommendations 2012 ,		8
17	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
16	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
15	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
14	PM10 and Elemental Concentrations in a Dismantling Plant for Waste of Electrical and Electronic Equipment in Greece. <i>Aerosol and Air Quality Research</i> , 2018 , 18, 1457-1469	4.6	7
13	CONTINUOUS FIELD MEASUREMENTS OF ORGANIC AND ELEMENTAL CARBON CONCENTRATIONS IN ATHENS, GREECE. <i>Journal of Aerosol Science</i> , 2004 , 35, S1077-S1078	4.3	6

12	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
11	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
10	An iterative method for evaluating the inter-comparability between chemical mass balance and multivariate receptor models. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2016 , 155, 97-108	3.8	4
9	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
8	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
7	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
6	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	10.2	2
5	Aerosol microphysics and chemistry reveal the COVID19 lockdown impact on urban air quality. <i>Scientific Reports</i> , 2021 , 11, 14477	4.9	2
4	Source apportionment of children daily exposure to particulate matter.. <i>Science of the Total Environment</i> , 2022 , 155349	10.2	2
3	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
2	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
1	Scenario analysis of strategies to control air pollution. <i>Urban Climate</i> , 2022 , 44, 101201	6.8	0