

Angeliki Karanasiou

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,468
citations

126708

33
h-index

189595

50
g-index

52
all docs

52
docs citations

52
times ranked

4472
citing authors

#	ARTICLE	IF	CITATIONS
1	AIRUSE-LIFE+: a harmonized PM speciation and source apportionment in five Southern European cities. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 3289-3309.	1.9	267
2	Health effects from Sahara dust episodes in Europe: Literature review and research gaps. <i>Environment International</i> , 2012, 47, 107-114.	4.8	194
3	Associations between Fine and Coarse Particles and Mortality in Mediterranean Cities: Results from the MED-PARTICLES Project. <i>Environmental Health Perspectives</i> , 2013, 121, 932-938.	2.8	193
4	Variability of levels and composition of PM ₁₀ and PM _{2.5} in the Barcelona metro system. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 5055-5076.	1.9	173
5	Hourly elemental concentrations in PM _{2.5} aerosols sampled simultaneously at urban background and road site during SAPUSS diurnal variations and PMF receptor modelling. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 4375-4392.	1.9	155
6	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, 413-419.	2.8	148
7	Assessment of personal exposure to particulate air pollution during commuting in European cities Recommendations and policy implications. <i>Science of the Total Environment</i> , 2014, 490, 785-797.	3.9	145
8	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.	1.9	131
9	Health impact assessment of a reduction in ambient PM _{2.5} levels in Spain. <i>Environment International</i> , 2011, 37, 342-348.	4.8	118
10	Daily and hourly sourcing of metallic and mineral dust in urban air contaminated by traffic and coal-burning emissions. <i>Atmospheric Environment</i> , 2013, 68, 33-44.	1.9	104
11	Variability of carbonaceous aerosols in remote, rural, urban and industrial environments in Spain: implications for air quality policy. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 6185-6206.	1.9	104
12	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.	1.9	103
13	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, 151-158.	4.8	100
14	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.	1.2	87
15	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, 323-329.	1.3	81
16	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.	4.8	80
17	Size-segregated particulate matter and gaseous emissions from motor vehicles in a road tunnel. <i>Atmospheric Research</i> , 2015, 153, 134-144.	1.8	77
18	Emission factors from road dust resuspension in a Mediterranean freeway. <i>Atmospheric Environment</i> , 2012, 61, 580-587.	1.9	73

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19	Elements and polycyclic aromatic hydrocarbons in exhaust particles emitted by light-duty vehicles. <i>Environmental Science and Pollution Research</i> , 2015, 22, 11526-11542.	2.7	71
20	On the quantification of atmospheric carbonate carbon by thermal/optical analysis protocols. <i>Atmospheric Measurement Techniques</i> , 2011, 4, 2409-2419.	1.2	69
21	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.	1.9	67
22	Short-term health effects from outdoor exposure to biomass burning emissions: A review. <i>Science of the Total Environment</i> , 2021, 781, 146739.	3.9	64
23	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.	0.9	61
24	Air quality modeling and mortality impact of fine particles reduction policies in Spain. <i>Environmental Research</i> , 2014, 128, 15-26.	3.7	55
25	Urban NH ₃ levels and sources in six major Spanish cities. <i>Chemosphere</i> , 2015, 119, 769-777.	4.2	53
26	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.	1.9	52
27	Distribution of trace elements in particle size fractions for contaminated soils by a copper smelting from different zones of the Puchuncav-Valley (Chile). <i>Chemosphere</i> , 2014, 111, 513-521.	4.2	52
28	Road dust contribution to PM levels – Evaluation of the effectiveness of street washing activities by means of Positive Matrix Factorization. <i>Atmospheric Environment</i> , 2011, 45, 2193-2201.	1.9	51
29	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, 123-129.	1.3	46
30	Phenomenology of high-ozone episodes in NE Spain. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2817-2838.	1.9	45
31	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, .	3.3	44
32	Effects of Road Dust Suppressants on PM Levels in a Mediterranean Urban Area. <i>Environmental Science & Technology</i> , 2014, 48, 8069-8077.	4.6	44
33	Comparative study of pretreatment methods for the determination of metals in atmospheric aerosol by electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2005, 65, 1196-1202.	2.9	37
34	Modelling Saharan dust transport into the Mediterranean basin with CMAQ. <i>Atmospheric Environment</i> , 2013, 70, 337-350.	1.9	35
35	Road Dust Emission Sources and Assessment of Street Washing Effect. <i>Aerosol and Air Quality Research</i> , 2014, 14, 734-743.	0.9	33
36	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.	3.9	32

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37	Presenting SAPUSS: Solving Aerosol Problem by Using Synergistic Strategies in Barcelona, Spain. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 8991-9019.	1.9	27
38	Source apportionment for contaminated soils using multivariate statistical methods. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2014, 138, 127-132.	1.8	27
39	Airborne microplastic particle concentrations and characterization in indoor urban microenvironments. <i>Environmental Pollution</i> , 2022, 308, 119707.	3.7	27
40	Implementation of road dust resuspension in air quality simulations of particulate matter in Madrid (Spain). <i>Frontiers in Environmental Science</i> , 2015, 3, .	1.5	22
41	Evaluation of the Semi-Continuous OCEC analyzer performance with the EUSAAR2 protocol. <i>Science of the Total Environment</i> , 2020, 747, 141266.	3.9	22
42	Health effects of desert dust and sand storms: a systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2019, 9, e029876.	0.8	18
43	How can ventilation be improved on public transportation buses? Insights from CO2 measurements. <i>Environmental Research</i> , 2022, 205, 112451.	3.7	17
44	Standardisation of a European measurement method for organic carbon and elemental carbon in ambient air: results of the field trial campaign and the determination of a measurement uncertainty and working range. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 1249-1259.	1.7	15
45	Source apportionment of urban PM1 in Barcelona during SAPUSS using organic and inorganic components. <i>Environmental Science and Pollution Research</i> , 2019, 26, 32114-32127.	2.7	15
46	Variation of PM2.5 concentrations in relation to street washing activities. <i>Atmospheric Environment</i> , 2012, 54, 465-469.	1.9	14
47	Vertical and horizontal variability of PM ₁₀ ; source contributions in Barcelona during SAPUSS. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 6785-6804.	1.9	10
48	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.	0.8	5
49	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
50	Corrigendum to "Variability of levels and composition of PM ₁₀ and PM _{2.5} in the Barcelona metro system" published in <i>Atmos. Chem. Phys.</i> , 12, 5055-5076, 2012. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 10767-10768.	1.9	1