

Angeliki Karanasiou

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.

48
papers

2,619
citations

32
h-index

51
g-index

52
ext. papers

2,997
ext. citations

6.6
avg. IF

4.47
L-index

#	Paper	IF	Citations
48	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
47	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
46	Health effects from Sahara dust episodes in Europe: literature review and research gaps. <i>Environment International</i> , 2012 , 47, 107-14	12.9	150
45	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	6.8	138
44	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	6.8	118
43	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
42	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, 785-97	10.2	104
41	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
40	Health impact assessment of a reduction in ambient PM _{2.5} levels in Spain. <i>Environment International</i> , 2011 , 37, 342-8	12.9	100
39	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	5.3	85
38	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
37	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
36	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	6.8	80
35	ECOC comparison exercise with identical thermal protocols after temperature offset correction in instrument diagnostics by in-depth evaluation of operational parameters. <i>Atmospheric Measurement Techniques</i> , 2015 , 8, 779-792	4	69
34	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
33	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
32	Size-segregated particulate matter and gaseous emissions from motor vehicles in a road tunnel. <i>Atmospheric Research</i> , 2015 , 153, 134-144	5.4	58

31	On the quantification of atmospheric carbonate carbon by thermal/optical analysis protocols. <i>Atmospheric Measurement Techniques</i> , 2011 , 4, 2409-2419	4	55
30	Air quality modeling and mortality impact of fine particles reduction policies in Spain. <i>Environmental Research</i> , 2014 , 128, 15-26	7.9	49
29	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
28	Emission factors from road dust resuspension in a Mediterranean freeway. <i>Atmospheric Environment</i> , 2012 , 61, 580-587	5.3	48
27	Elements and polycyclic aromatic hydrocarbons in exhaust particles emitted by light-duty vehicles. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 11526-42	5.1	46
26	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	5.3	46
25	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
24	Distribution of trace elements in particle size fractions for contaminated soils by a copper smelting from different zones of the Puchuncaví Valley (Chile). <i>Chemosphere</i> , 2014 , 111, 513-21	8.4	41
23	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
22	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
21	Effects of road dust suppressants on PM levels in a Mediterranean urban area. <i>Environmental Science & Technology</i> , 2014 , 48, 8069-77	10.3	38
20	Urban NH ₃ levels and sources in six major Spanish cities. <i>Chemosphere</i> , 2015 , 119, 769-777	8.4	37
19	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
18	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
17	Phenomenology of high-ozone episodes in NE Spain. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 2817-2838	7.8	33
16	Modelling Saharan dust transport into the Mediterranean basin with CMAQ. <i>Atmospheric Environment</i> , 2013 , 70, 337-350	5.3	30
15	Road Dust Emission Sources and Assessment of Street Washing Effect. <i>Aerosol and Air Quality Research</i> , 2014 , 14, 734-743	4.6	26
14	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

13	Presenting SAPUSS: Solving Aerosol Problem by Using Synergistic Strategies in Barcelona, Spain. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 8991-9019	6.8	22
12	Source apportionment for contaminated soils using multivariate statistical methods. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2014 , 138, 127-132	3.8	20
11	Short-term health effects from outdoor exposure to biomass burning emissions: A review. <i>Science of the Total Environment</i> , 2021 , 781, 146739	10.2	15
10	Implementation of road dust resuspension in air quality simulations of particulate matter in Madrid (Spain). <i>Frontiers in Environmental Science</i> , 2015 , 3,	4.8	14
9	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	4.3	12
8	Variation of PM _{2.5} concentrations in relation to street washing activities. <i>Atmospheric Environment</i> , 2012 , 54, 465-469	5.3	10
7	Evaluation of the Semi-Continuous OCEC analyzer performance with the EUSAAR2 protocol. <i>Science of the Total Environment</i> , 2020 , 747, 141266	10.2	10
6	Vertical and horizontal variability of PM ₁₀ source contributions in Barcelona during SAPUSS. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 6785-6804	6.8	9
5	Health effects of desert dust and sand storms: a systematic review and meta-analysis protocol. <i>BMJ Open</i> , 2019 , 9, e029876	3	7
4	Source apportionment of urban PM in Barcelona during SAPUSS using organic and inorganic components. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 32114-32127	5.1	6
3	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
2	How can ventilation be improved on public transportation buses? Insights from CO measurements. <i>Environmental Research</i> , 2021 , 112451	7.9	5
1	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