

Andrea Piazzalunga

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

4,747
citations

394421

19
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

6042
citing authors

#	ARTICLE	IF	CITATIONS
1	High secondary aerosol contribution to particulate pollution during haze events in China. <i>Nature</i> , 2014, 514, 218-222.	27.8	3,582
2	The impact of fireworks on airborne particles. <i>Atmospheric Environment</i> , 2008, 42, 1121-1132.	4.1	196
3	Spatial and seasonal variability of carbonaceous aerosol across Italy. <i>Atmospheric Environment</i> , 2014, 99, 587-598.	4.1	137
4	PM10 source apportionment in Milan (Italy) using time-resolved data. <i>Science of the Total Environment</i> , 2011, 409, 4788-4795.	8.0	103
5	Comparison of wood smoke PM2.5 obtained from the combustion of FIR and beech pellets on inflammation and DNA damage in A549 and THP-1 human cell lines. <i>Archives of Toxicology</i> , 2013, 87, 2187-2199.	4.2	87
6	Long-term chemical analysis and organic aerosol source apportionment at nine sites in central Europe: source identification and uncertainty assessment. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 13265-13282.	4.9	78
7	A simplified method for levoglucosan quantification in wintertime atmospheric particulate matter by high performance anion-exchange chromatography coupled with pulsed amperometric detection. <i>International Journal of Environmental Analytical Chemistry</i> , 2010, 90, 934-947.	3.3	56
8	Optimisation of analytical procedures for the quantification of ionic and carbonaceous fractions in the atmospheric aerosol and applications to ambient samples. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 1123-1132.	3.7	54
9	Impact of impurities and cryoconite on the optical properties of the Morteratsch Glacier (Swiss Alps). <i>Cryosphere</i> , 2017, 11, 2393-2409.	3.9	53
10	Markers and influence of open biomass burning on atmospheric particulate size and composition during a major bonfire event. <i>Atmospheric Environment</i> , 2014, 82, 218-225.	4.1	52
11	Contribution of wood combustion to PAH and PCDD/F concentrations in two urban sites in Northern Italy. <i>Journal of Aerosol Science</i> , 2013, 56, 30-40.	3.8	51
12	Chemical-physical and Microbiological Measurements for Indoor Air Quality Assessment at the Ca' Granda Historical Archive, Milan (Italy). <i>Water, Air, and Soil Pollution</i> , 2009, 201, 109-120.	2.4	47
13	Surface chemical characterization of PM10 samples by XPS. <i>Applied Surface Science</i> , 2014, 307, 120-128.	6.1	46
14	4-hours resolution data to study PM10 in a "hot spot" area in Europe. <i>Environmental Monitoring and Assessment</i> , 2009, 154, 283-300.	2.7	44
15	Ground-based measurements of long-range transported aerosol at the rural regional background site of Monte Martano (Central Italy). <i>Atmospheric Research</i> , 2015, 155, 26-36.	4.1	44
16	Ionic profile of honey as a potential indicator of botanical origin and global environmental pollution. <i>Environmental Pollution</i> , 2013, 178, 173-181.	7.5	33
17	Profile of nitric oxide (NO) metabolites (nitrate, nitrite and N-nitroso groups) in honeys of different botanical origins: Nitrate accumulation as index of origin, quality and of therapeutic opportunities. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 343-349.	2.8	26
18	Particulate-bound polycyclic aromatic hydrocarbon sources and determinants in residential homes. <i>Environmental Pollution</i> , 2016, 218, 16-25.	7.5	26

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19	Estimation of local and external contributions of biomass burning to PM _{2.5} in an industrial zone included in a large urban settlement. <i>Environmental Science and Pollution Research</i> , 2017, 24, 2100-2115.	5.3	19
20	Insights into organic-aerosol sources via a novel laser-desorption/ionization mass spectrometry technique applied to one year of PM ₁₀ samples from nine sites in central Europe. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 2155-2174.	4.9	7
21	Research findings and decision making: the case of renewable energy. <i>Environmental Sciences Europe</i> , 2013, 25, .	5.5	5