Giorgia Sangiorgi

List of Publications by Year
in descending order

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Version: 2024-02-01

19	1,106	516710	794594
papers	citations	16 h-index	19 g-index

19	19	19	1792
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemical Composition of Aerosol over the Arctic Ocean from Summer ARctic EXpedition (AREX) 2011â€“2012 Cruises: Ions, Amines, Elemental Carbon, Organic Matter, Polycyclic Aromatic Hydrocarbons, n-Alkanes, Metals, and Rare Earth Elements. Atmosphere, 2019, 10, 54.	2.3	29
2	Chemically and size-resolved particulate matter dry deposition on stone and surrogate surfaces inside and outside the low emission zone of Milan: application of a newly developed â€œDeposition Boxâ€. Environmental Science and Pollution Research, 2018, 25, 9402-9415.	5.3	4
3	Seasonal behavior of PM2.5 deliquescence, crystallization, and hygroscopic growth in the Po Valley (Milan): Implications for remote sensing applications. Atmospheric Research, 2016, 176-177, 87-95.	4.1	16
4	Nitration of pollen aeroallergens by nitrate ion in conditions simulating the liquid water phase of atmospheric particles. Science of the Total Environment, 2016, 573, 1589-1597.	8.0	16
5	Vertical profiles of aerosol and black carbon in the Arctic: a seasonal phenomenology along 2Âyears (2011â€“2012) of field campaigns. Atmospheric Chemistry and Physics, 2016, 16, 12601-12629.	4.9	62
6	PM chemical composition and oxidative potential of the soluble fraction of particles at two sites in the urban area of Milan, Northern Italy. Atmospheric Environment, 2016, 128, 104-113.	4.1	87
7	Experimental Measurements of Particulate Matter Deliquescence and Crystallization Relative Humidity: Application in Heritage Climatology. Aerosol and Air Quality Research, 2015, 15, 399-409.	2.1	13
8	Exhaust emissions of polycyclic aromatic hydrocarbons, n-alkanes and phenols from vehicles coming within different European classes. Atmospheric Environment, 2014, 82, 391-400.	4.1	87
9	Aerosol dynamics upon Terni basin (Central Italy): results of integrated vertical profile measurements and electron microscopy analyses. Rendiconti Lincei, 2013, 24, 319-328.	2.2	23
10	Particle size, chemical composition, seasons of the year and urban, rural or remote site origins as determinants of biological effects of particulate matter on pulmonary cells. Environmental Pollution, 2013, 176, 215-227.	7.5	125
11	Indoor airborne particle sources and semi-volatile partitioning effect of outdoor fine PM in offices. Atmospheric Environment, 2013, 65, 205-214.	4.1	111
12	Aerosol Corrosion Prevention and Energy-Saving Strategies in the Design of Green Data Centers. Environmental Science & Technology, 2013, 47, 3856-3864.	10.0	16
13	Wintertime aerosol dynamics and chemical composition across the mixing layer over basin valleys. Atmospheric Environment, 2012, 56, 143-153.	4.1	50
14	Sources of high PM2.5 concentrations in Milan, Northern Italy: Molecular marker data and CMB modelling. Science of the Total Environment, 2012, 414, 343-355.	8.0	162
15	Mixing height determination by tethered balloon-based particle soundings and modeling simulations. Atmospheric Research, 2011, 102, 145-156.	4.1	56
16	Vertical profiles of aerosol absorption coefficient from micro-Aethalometer data and Mie calculation over Milan. Science of the Total Environment, 2011, 409, 2824-2837.	8.0	88
17	Vertical distribution of hydrocarbons in the low troposphere below and above the mixing height: Tethered balloon measurements in Milan, Italy. Environmental Pollution, 2011, 159, 3545-3552.	7.5	39
18	Sources for PM air pollution in the Po Plain, Italy: I. Critical comparison of methods for estimating biomass burning contributions to benzo(a)pyrene. Atmospheric Environment, 2011, 45, 7266-7275.	4.1	89

#	Article	IF	Citations
19	Distribution of n-Alkanes in the Northern Italy Aerosols: Data Handling of GC-MS Signals for Homologous Series Characterization. Environmental Science & Technology, 2010, 44, 4232-4240.	10.0	33