

# Giorgia Sangiorgi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1693175/publications.pdf>

Version: 2024-02-01

19  
papers

1,106  
citations

516710

16  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1792  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sources of high PM <sub>2.5</sub> concentrations in Milan, Northern Italy: Molecular marker data and CMB modelling. <i>Science of the Total Environment</i> , 2012, 414, 343-355.	8.0	162
2	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. <i>Environmental Pollution</i> , 2013, 176, 215-227.	7.5	125
3	Indoor airborne particle sources and semi-volatile partitioning effect of outdoor fine PM in offices. <i>Atmospheric Environment</i> , 2013, 65, 205-214.	4.1	111
4	Sources for PM air pollution in the Po Plain, Italy: I. Critical comparison of methods for estimating biomass burning contributions to benzo(a)pyrene. <i>Atmospheric Environment</i> , 2011, 45, 7266-7275.	4.1	89
5	Vertical profiles of aerosol absorption coefficient from micro-Aethalometer data and Mie calculation over Milan. <i>Science of the Total Environment</i> , 2011, 409, 2824-2837.	8.0	88
6	Exhaust emissions of polycyclic aromatic hydrocarbons, n-alkanes and phenols from vehicles coming within different European classes. <i>Atmospheric Environment</i> , 2014, 82, 391-400.	4.1	87
7	PM chemical composition and oxidative potential of the soluble fraction of particles at two sites in the urban area of Milan, Northern Italy. <i>Atmospheric Environment</i> , 2016, 128, 104-113.	4.1	87
8	Vertical profiles of aerosol and black carbon in the Arctic: a seasonal phenomenology along 2Â years (2011â€“2012) of field campaigns. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 12601-12629.	4.9	62
9	Mixing height determination by tethered balloon-based particle soundings and modeling simulations. <i>Atmospheric Research</i> , 2011, 102, 145-156.	4.1	56
10	Wintertime aerosol dynamics and chemical composition across the mixing layer over basin valleys. <i>Atmospheric Environment</i> , 2012, 56, 143-153.	4.1	50
11	Vertical distribution of hydrocarbons in the low troposphere below and above the mixing height: Tethered balloon measurements in Milan, Italy. <i>Environmental Pollution</i> , 2011, 159, 3545-3552.	7.5	39
12	Distribution of <i>n</i> -Alkanes in the Northern Italy Aerosols: Data Handling of GC-MS Signals for Homologous Series Characterization. <i>Environmental Science &amp; Technology</i> , 2010, 44, 4232-4240.	10.0	33
13	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. <i>Atmosphere</i> , 2019, 10, 54.	2.3	29
14	Aerosol dynamics upon Terni basin (Central Italy): results of integrated vertical profile measurements and electron microscopy analyses. <i>Rendiconti Lincei</i> , 2013, 24, 319-328.	2.2	23
15	Aerosol Corrosion Prevention and Energy-Saving Strategies in the Design of Green Data Centers. <i>Environmental Science &amp; Technology</i> , 2013, 47, 3856-3864.	10.0	16
16	Seasonal behavior of PM <sub>2.5</sub> deliquescence, crystallization, and hygroscopic growth in the Po Valley (Milan): Implications for remote sensing applications. <i>Atmospheric Research</i> , 2016, 176-177, 87-95.	4.1	16
17	Nitration of pollen aeroallergens by nitrate ion in conditions simulating the liquid water phase of atmospheric particles. <i>Science of the Total Environment</i> , 2016, 573, 1589-1597.	8.0	16
18	Experimental Measurements of Particulate Matter Deliquescence and Crystallization Relative Humidity: Application in Heritage Climatology. <i>Aerosol and Air Quality Research</i> , 2015, 15, 399-409.	2.1	13

#	ARTICLE	IF	CITATIONS
19	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 "Deposition Box"; Environmental Science and Pollution Research, 2018, 25, 9402-9415.	5.3	4