Silvia Sandrini

List of Publications by Year
in descending order

20	898	840585 11	752573 20
papers	citations	h-index	g-index

35	35	35	1633
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Direct observation of aqueous secondary organic aerosol from biomass-burning emissions. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10013-10018.	3.3	243
2	Spatial and seasonal variability of carbonaceous aerosol across Italy. Atmospheric Environment, 2014, 99, 587-598.	1.9	137
3	A climatology of 7Be at four high-altitude stations at the Alps and the Northern Apennines. Atmospheric Environment, 2001, 35, 6347-6360.	1.9	86
4	A 6-year analysis of stratospheric intrusions and their influence on ozone at Mt. Cimone (2165 m above) Tj ETQq0 0 0 rgBT /Overlock 10	3.3	74
5	Identification of humic-like substances (HULIS) in oxygenated organic aerosols using NMR and AMS factor analyses and liquid chromatographic techniques. Atmospheric Chemistry and Physics, 2014, 14, 25-45.	1.9	53
6	Enhanced toxicity of aerosol in fog conditions in the Po Valley, Italy. Atmospheric Chemistry and Physics, 2017, 17, 7721-7731.	1.9	48
7	The impact of biomass burning and aqueous-phase processing on air quality: a multi-year source apportionment study in the Po Valley, Italy. Atmospheric Chemistry and Physics, 2020, 20, 1233-1254.	1.9	45
8	Anthropogenic carbon distribution in the Ross Sea, Antarctica. Antarctic Science, 2007, 19, 395-407.	0.5	41
9	Short-term climatology of PM10 at a high altitude background station in southern Europe. Atmospheric Environment, 2013, 65, 142-152.	1.9	37
10	Size-resolved aerosol composition at an urban and a rural site in the Po Valley in summertime: implications for secondary aerosol formation. Atmospheric Chemistry and Physics, 2016, 16, 10879-10897.	1.9	34
11	Organic aerosol evolution and transport observed at Mt. Cimone (2165 m a.s.l.), Italy, during the PEGASOS campaign. Atmospheric Chemistry and Physics, 2015, 15, 11327-11340.	1.9	23
12	In situ physical and chemical characterisation of the EyjafjallajÃ¶kull aerosol plume in the free troposphere over Italy. Atmospheric Chemistry and Physics, 2014, 14, 1075-1092.	1.9	12
13	A multitracer study of peat profiles from Tunguska, Siberia. Global and Planetary Change, 2006, 53, 278-289.	1.6	11
14	Vertical distribution of aerosol optical properties in the Po Valley during the 2012 summer campaigns. Atmospheric Chemistry and Physics, 2018, 18, 5371-5389.	1.9	11
15	Simultaneous measurements of remote lidar chlorophyll and surface CO2distributions in the Ross Sea. International Journal of Remote Sensing, 2003, 24, 3807-3819.	1.3	10
16	Assessment of Summer Trends of Tropospheric Radon Isotopes in a Coastal Antarctic Station (Terra) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.8	9
17	Temporal variability and environmental availability of inorganic constituents in an Antarctic marine sediment core from a polynya area in the Ross Sea. Toxicological and Environmental Chemistry, 2010, 92, 453-475.	0.6	6
18	Ground level ice nucleating particles measurements at Capo Granitola, a Mediterranean coastal site. Atmospheric Research, 2019, 219, 57-64.	1.8	6

#	Article	IF	Citations
19	Reconstructing Elemental Carbon Long-Term Trend in the Po Valley (Italy) from Fog Water Samples. Atmosphere, 2020, 11, 580.	1.0	4
20	Modeling the transport of Saharan dust toward the Mediterranean region: an important issue for its ecological implications. Ecological Questions, 2009, 11, .	0.1	3