

# Stefania Squizzato

## 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.

63

papers

2,098

citations

27

h-index

44

g-index

65

ext. papers

2,505

ext. citations

6.9

avg, IF

5.36

L-index

#	Paper	IF	Citations
63	Aircraft engine exhaust emissions and other airport-related contributions to ambient air pollution: A review. <i>Atmospheric Environment</i> , <b>2014</b> , 95, 409-455	5.3	225
62	Factors determining the formation of secondary inorganic aerosol: a case study in the Po Valley (Italy). <i>Atmospheric Chemistry and Physics</i> , <b>2013</b> , 13, 1927-1939	6.8	143
61	Carcinogenic and mutagenic risk associated to airborne particle-phase polycyclic aromatic hydrocarbons: A source apportionment. <i>Atmospheric Environment</i> , <b>2012</b> , 60, 375-382	5.3	128
60	A procedure to assess local and long-range transport contributions to PM2.5 and secondary inorganic aerosol. <i>Journal of Aerosol Science</i> , <b>2012</b> , 46, 64-76	4.3	76
59	Thirteen years of air pollution hourly monitoring in a large city: potential sources, trends, cycles and effects of car-free days. <i>Science of the Total Environment</i> , <b>2014</b> , 494-495, 84-96	10.2	70
58	PM2.5 and gaseous pollutants in New York State during 2005-2016: Spatial variability, temporal trends, and economic influences. <i>Atmospheric Environment</i> , <b>2018</b> , 183, 209-224	5.3	62
57	Influence of seasonality, air mass origin and particulate matter chemical composition on airborne bacterial community structure in the Po Valley, Italy. <i>Science of the Total Environment</i> , <b>2017</b> , 593-594, 677-687	10.2	56
56	Estimating Hourly Concentrations of PM across a Metropolitan Area Using Low-Cost Particle Monitors. <i>Sensors</i> , <b>2017</b> , 17,	3.8	56
55	Carbonaceous PM(2.5) and secondary organic aerosol across the Veneto region (NE Italy). <i>Science of the Total Environment</i> , <b>2016</b> , 542, 172-81	10.2	55
54	The Association between Respiratory Infection and Air Pollution in the Setting of Air Quality Policy and Economic Change. <i>Annals of the American Thoracic Society</i> , <b>2019</b> , 16, 321-330	4.7	54
53	Associations between Source-Specific Particulate Matter and Respiratory Infections in New York State Adults. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 975-984	10.3	52
52	Application of meteorology-based methods to determine local and external contributions to particulate matter pollution: A case study in Venice (Italy). <i>Atmospheric Environment</i> , <b>2015</b> , 119, 69-81	5.3	51
51	Source apportionment of PM2.5 at multiple sites in Venice (Italy): Spatial variability and the role of weather. <i>Atmospheric Environment</i> , <b>2014</b> , 98, 78-88	5.3	49
50	Triggering of cardiovascular hospital admissions by source specific fine particle concentrations in urban centers of New York State. <i>Environment International</i> , <b>2019</b> , 126, 387-394	12.9	47
49	Urban air quality in a mid-size city [PM2.5 composition, sources and identification of impact areas: From local to long range contributions. <i>Atmospheric Research</i> , <b>2017</b> , 186, 51-62	5.4	46
48	Characterization of PM10 sources in a coastal area near Venice (Italy): an application of factor-cluster analysis. <i>Chemosphere</i> , <b>2010</b> , 80, 771-8	8.4	46
47	Factors, origin and sources affecting PM1 concentrations and composition at an urban background site. <i>Atmospheric Research</i> , <b>2016</b> , 180, 262-273	5.4	44

46	Changes in the acute response of respiratory diseases to PM in New York State from 2005 to 2016. <i>Science of the Total Environment</i> , <b>2019</b> , 677, 328-339	10.2	42
45	Triggering of cardiovascular hospital admissions by fine particle concentrations in New York state: Before, during, and after implementation of multiple environmental policies and a recession. <i>Environmental Pollution</i> , <b>2018</b> , 242, 1404-1416	9.3	42
44	Geochemical characterization of PM10 emitted by glass factories in Murano, Venice (Italy). <i>Chemosphere</i> , <b>2008</b> , 71, 2068-75	8.4	42
43	Seasonal trends and spatial variations of PM10-bounded polycyclic aromatic hydrocarbons in Veneto Region, Northeast Italy. <i>Atmospheric Environment</i> , <b>2013</b> , 79, 811-821	5.3	39
42	Air quality across a European hotspot: Spatial gradients, seasonality, diurnal cycles and trends in the Veneto region, NE Italy. <i>Science of the Total Environment</i> , <b>2017</b> , 576, 210-224	10.2	37
41	Spatial, seasonal trends and transboundary transport of PM2.5 inorganic ions in the Veneto region (Northeastern Italy). <i>Atmospheric Environment</i> , <b>2015</b> , 117, 19-31	5.3	32
40	Hourly land-use regression models based on low-cost PM monitor data. <i>Environmental Research</i> , <b>2018</b> , 167, 7-14	7.9	32
39	Sources of sub-micrometre particles near a major international airport. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 12379-12403	6.8	31
38	Determining the influence of different atmospheric circulation patterns on PM10 chemical composition in a source apportionment study. <i>Atmospheric Environment</i> , <b>2012</b> , 63, 117-124	5.3	31
37	Air pollution at Rochester, NY: Long-term trends and multivariate analysis of upwind SO source impacts. <i>Science of the Total Environment</i> , <b>2018</b> , 612, 1506-1515	10.2	30
36	A chemometric approach to determine local and regional sources of PM10 and its geochemical composition in a coastal area. <i>Atmospheric Environment</i> , <b>2012</b> , 54, 127-133	5.3	27
35	Gaseous and PM10-Bound Pollutants Monitored in Three Sites with Differing Environmental Conditions in the Venice Area (Italy). <i>Water, Air, and Soil Pollution</i> , <b>2008</b> , 195, 161-176	2.6	27
34	A long-term source apportionment of PM2.5 in New York State during 2005-2016. <i>Atmospheric Environment</i> , <b>2018</b> , 192, 35-47	5.3	27
33	Long-term trends in submicron particle concentrations in a metropolitan area of the northeastern United States. <i>Science of the Total Environment</i> , <b>2018</b> , 633, 59-70	10.2	26
32	Using a photochemical model to assess the horizontal, vertical and time distribution of PM(2.5) in a complex area: relationships between the regional and local sources and the meteorological conditions. <i>Science of the Total Environment</i> , <b>2013</b> , 443, 681-91	10.2	26
31	Source apportionment of wide range particle size spectra and black carbon collected at the airport of Venice (Italy). <i>Atmospheric Environment</i> , <b>2016</b> , 139, 56-74	5.3	25
30	GC-MS analyses and chemometric processing to discriminate the local and long-distance sources of PAHs associated to atmospheric PM2.5. <i>Environmental Science and Pollution Research</i> , <b>2012</b> , 19, 3142-51	5.1	24
29	The size distribution of chemical elements of atmospheric aerosol at a semi-rural coastal site in Venice (Italy). The role of atmospheric circulation. <i>Chemosphere</i> , <b>2015</b> , 119, 400-406	8.4	23

28	Long-term trends (2005–2016) of source apportioned PM <sub>2.5</sub> across New York State. <i>Atmospheric Environment</i> , <b>2019</b> , 201, 110-120	5.3	22
27	Rapid dark aging of biomass burning as an overlooked source of oxidized organic aerosol. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 33028-33033	11.5	21
26	A one-year monitoring of spatiotemporal variations of PM-bound PAHs in Tehran, Iran: Source apportionment, local and regional sources origins and source-specific cancer risk assessment. <i>Environmental Pollution</i> , <b>2021</b> , 274, 115883	9.3	21
25	Spatial-temporal variations of summertime ozone concentrations across a metropolitan area using a network of low-cost monitors to develop 24 hourly land-use regression models. <i>Science of the Total Environment</i> , <b>2019</b> , 654, 1167-1178	10.2	20
24	Hybrid multiple-site mass closure and source apportionment of PM and aerosol acidity at major cities in the Po Valley. <i>Science of the Total Environment</i> , <b>2020</b> , 704, 135287	10.2	18
23	Changes in the hospitalization and ED visit rates for respiratory diseases associated with source-specific PM in New York State from 2005 to 2016. <i>Environmental Research</i> , <b>2020</b> , 181, 108912	7.9	17
22	Long-Term Changes of Source Apportioned Particle Number Concentrations in a Metropolitan Area of the Northeastern United States. <i>Atmosphere</i> , <b>2019</b> , 10, 27	2.7	16
21	The PM <sub>2.5</sub> chemical composition in an industrial zone included in a large urban settlement: main sources and local background. <i>Environmental Sciences: Processes and Impacts</i> , <b>2014</b> , 16, 1913-22	4.3	16
20	Airborne Dioxins, Furans, and Polycyclic Aromatic Hydrocarbons Exposure to Military Personnel in Iraq. <i>Journal of Occupational and Environmental Medicine</i> , <b>2016</b> , 58, S22-30	2	15
19	Estimation of local and external contributions of biomass burning to PM in an industrial zone included in a large urban settlement. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 2100-2115	5.1	15
18	Elemental characterization, sources and wind dependence of PM <sub>1</sub> near Venice, Italy. <i>Atmospheric Research</i> , <b>2014</b> , 143, 371-379	5.4	14
17	Potential sources and meteorological factors affecting PM-bound polycyclic aromatic hydrocarbon levels in six main cities of northeastern Italy: an assessment of the related carcinogenic and mutagenic risks. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 31987-32000	5.1	13
16	The dark side of the tradition: the polluting effect of Epiphany folk fires in the eastern Po Valley (Italy). <i>Science of the Total Environment</i> , <b>2014</b> , 473-474, 549-64	10.2	8
15	Evaluation and Field Calibration of a Low-Cost Ozone Monitor at a Regulatory Urban Monitoring Station. <i>Aerosol and Air Quality Research</i> , <b>2018</b> , 18, 2029-2037	4.6	8
14	Using a hybrid approach to apportion potential source locations contributing to excess cancer risk of PM-bound PAHs during heating and non-heating periods in a megacity in the Middle East. <i>Environmental Research</i> , <b>2021</b> , 201, 111617	7.9	7
13	Secondary inorganic aerosol evaluation: Application of a transport chemical model in the eastern part of the Po Valley. <i>Atmospheric Environment</i> , <b>2014</b> , 98, 202-213	5.3	6
12	Neurodegenerative hospital admissions and long-term exposure to ambient fine particle air pollution. <i>Annals of Epidemiology</i> , <b>2021</b> , 54, 79-86.e4	6.4	6
11	Changes in triggering of ST-elevation myocardial infarction by particulate air pollution in Monroe County, New York over time: a case-crossover study. <i>Environmental Health</i> , <b>2019</b> , 18, 82	6	5

10	Term birth weight and ambient air pollutant concentrations during pregnancy, among women living in Monroe County, New York. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2019</b> , 29, 500-509	6.7	5
9	A procedure to evaluate the factors determining the elemental composition of PM. Case study: the Veneto region (northeastern Italy). <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 3823-3839	5.1	4
8	Road dusts-bound elements in a major metropolitan area, Tehran (Iran): Source tracking, pollution characteristics, ecological risks, spatiotemporal and geochemical patterns. <i>Urban Climate</i> , <b>2021</b> , 39, 100933	6.8	4
7	WATERBUS: A model to estimate boats emissions in water cities. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2013</b> , 23, 73-80	6.4	3
6	Continuous Ozonolysis Process To Produce Non-CO Off-Gassing Wood Pellets. <i>Energy &amp; Fuels</i> , <b>2017</b> , 31, 8228-8234	4.1	3
5	PM-bound arsenic emissions from the artistic glass industry in Murano (Venice, Italy) before and after the enforcement of REACH authorisation. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 406, 124294	12.8	3
4	Single-site source apportionment modeling of PM <sub>2.5</sub> -bound PAHs in the Tehran metropolitan area, Iran: Implications for source-specific multi-pathway cancer risk assessment. <i>Urban Climate</i> , <b>2021</b> , 39, 100928	6.8	3
3	An integrated analytical approach using ion chromatography, PIXE and electron microscopy to point out the differences in composition of PM <sub>10</sub> individual particles <b>2013</b> ,		1
2	Seasonal and spatial variations of atmospheric depositions-bound elements over Tehran megacity, Iran: Pollution levels, PMF-based source apportionment and risks assessment. <i>Urban Climate</i> , <b>2022</b> , 42, 101113	6.8	1
1	Potentially Harmful Elements in the Atmosphere <b>2014</b> , 1-36		