Daniela Cesari

List of Publications by Year
in descending order

44 papers	2,059 citations	201575 27 h-index	265120 42 g-index
44 all docs	44 docs citations	44 times ranked	2271 citing authors

#	Article	IF	Citations
1	Environmental and human health impact of different powertrain passenger cars in a life cycle perspective. A focus on health risk and oxidative potential of particulate matter components. Science of the Total Environment, 2022, 805, 150171.	3.9	19
2	Particulate Matter Ionic and Elemental Composition during the Winter Season: A Comparative Study among Rural, Urban and Remote Sites in Southern Italy. Atmosphere, 2022, 13, 356.	1.0	4
3	Chemical characterization and source apportionment of size-segregated aerosol in the port-city of Venice (Italy). Atmospheric Pollution Research, 2021, 12, 261-271.	1.8	16
4	Shipping and Air Quality in Italian Port Cities: State-of-the-Art Analysis of Available Results of Estimated Impacts. Atmosphere, 2021, 12, 536.	1.0	19
5	Trends of Shipping Impact to Particulate Matter in Two Adriatic Port-Cities. Environmental Sciences Proceedings, 2021, 8, 10.	0.3	0
6	Analysis of the contribution to PM10 concentrations of the largest coal-fired power plant of Italy in four different sites. Atmospheric Pollution Research, 2021, 12, 101135.	1.8	9
7	Single-site source apportionment modeling of PM2.5-bound PAHs in the Tehran metropolitan area, Iran: Implications for source-specific multi-pathway cancer risk assessment. Urban Climate, 2021, 39, 100928.	2.4	14
8	Impact on the environment and on human health of internal combustion, hybrid and battery electric powered vehicles in a life cycle perspective. E3S Web of Conferences, 2021, 312, 07011.	0.2	0
9	Long-term characterisation of African dust advection in south-eastern Italy: Influence on fine and coarse particle concentrations, size distributions, and carbon content. Atmospheric Research, 2020, 233, 104690.	1.8	34
10	Evaluation of receptor and chemical transport models for PM10 source apportionment. Atmospheric Environment: X, 2020, 5, 100053.	0.8	41
11	An inter-comparison of size segregated carbonaceous aerosol collected by low-volume impactor in the port-cities of Venice (Italy) and Rijeka (Croatia). Atmospheric Pollution Research, 2020, 11, 1705-1714.	1.8	13
12	Multi-Year Concentrations, Health Risk, and Source Identification, of Air Toxics in the Venice Lagoon. Frontiers in Environmental Science, 2020, 8, .	1.5	8
13	Comparison of the impact of ships to size-segregated particle concentrations in two harbour cities of northern Adriatic Sea. Environmental Pollution, 2020, 266, 115175.	3.7	16
14	Characterisation of atmospheric pollution near an industrial site with a biogas production and combustion plant in southern Italy. Science of the Total Environment, 2020, 717, 137220.	3.9	21
15	Inter-comparison of carbon content in PM10 and PM2.5 measured with two thermo-optical protocols on samples collected in a Mediterranean site. Environmental Science and Pollution Research, 2019, 26, 29334-29350.	2.7	22
16	Source Apportionment of PM2.5 and of its Oxidative Potential in an Industrial Suburban Site in South Italy. Atmosphere, 2019, 10, 758.	1.0	36
17	Characterization of the water soluble fraction in ultrafine, fine, and coarse atmospheric aerosol. Science of the Total Environment, 2019, 658, 1423-1439.	3.9	35
18	Seasonal variability of carbonaceous aerosols in an urban background area in Southern Italy. Atmospheric Research, 2018, 200, 97-108.	1.8	39

#	Article	IF	Citations
19	Seasonal variability of PM2.5 and PM10 composition and sources in an urban background site in Southern Italy. Science of the Total Environment, 2018, 612, 202-213.	3.9	136
20	Influence of Saharan dust outbreaks and carbon content on oxidative potential of water-soluble fractions of PM2.5 and PM10. Atmospheric Environment, 2017, 163, 1-8.	1.9	85
21	Atmospheric impact of ship traffic in four Adriatic-Ionian port-cities: Comparison and harmonization of different approaches. Transportation Research, Part D: Transport and Environment, 2017, 50, 431-445.	3.2	71
22	Inter-Comparison of Carbon Content in PM2.5 and PM10 Collected at Five Measurement Sites in Southern Italy. Atmosphere, 2017, 8, 243.	1.0	53
23	Application of PMF and CMB receptor models for the evaluation of the contribution of a large coal-fired power plant to PM10 concentrations. Science of the Total Environment, 2016, 560-561, 131-140.	3.9	57
24	Inter-comparison of source apportionment of PM10 using PMF and CMB in three sites nearby an industrial area in central Italy. Atmospheric Research, 2016, 182, 282-293.	1.8	67
25	Impact of maritime traffic on polycyclic aromatic hydrocarbons, metals and particulate matter in Venice air. Environmental Science and Pollution Research, 2016, 23, 6951-6959.	2.7	49
26	An inter-comparison of PM10 source apportionment using PCA and PMF receptor models in three European sites. Environmental Science and Pollution Research, 2016, 23, 15133-15148.	2.7	65
27	Influence of in-port ships emissions to gaseous atmospheric pollutants and to particulate matter of different sizes in a Mediterranean harbour in Italy. Atmospheric Environment, 2016, 139, 1-10.	1.9	91
28	An inter-comparison of PM2.5 at urban and urban background sites: Chemical characterization and source apportionment. Atmospheric Research, 2016, 174-175, 106-119.	1.8	90
29	A new methodology to assess the performance and uncertainty of source apportionment models II: The results of two European intercomparison exercises. Atmospheric Environment, 2015, 123, 240-250.	1.9	63
30	XPS surface chemical characterization of atmospheric particles of different sizes. Atmospheric Environment, 2015, 116, 146-154.	1.9	46
31	Inter-annual trend of the primary contribution of ship emissions to PM 2.5 concentrations in Venice (Italy): Efficiency of emissions mitigation strategies. Atmospheric Environment, 2015, 102, 183-190.	1.9	60
32	Characterization of PM10 and PM2.5 and Their Metals Content in Different Typologies of Sites in South-Eastern Italy. Atmosphere, 2014, 5, 435-453.	1.0	62
33	Source apportionment of size-segregated atmospheric particles based on the major water-soluble components in Lecce (Italy). Science of the Total Environment, 2014, 472, 248-261.	3.9	91
34	Source apportionment of PM 2.5 in the harbourâ€“industrial area of Brindisi (Italy): Identification and estimation of the contribution of in-port ship emissions. Science of the Total Environment, 2014, 497-498, 392-400.	3.9	140
35	Characterisation of PM2.5 concentrations and turbulent fluxes on a island of the Venice lagoon using high temporal resolution measurements. Meteorologische Zeitschrift, 2012, 21, 385-398.	0.5	15
36	Analysis of raw soils and their re-suspended PM10 fractions: Characterisation of source profiles and enrichment factors. Applied Geochemistry, 2012, 27, 1238-1246.	1.4	92

#	Article	IF	Citations
37	Comparison of PM10 concentrations and metal content in three different sites of the Venice Lagoon: An analysis of possible aerosol sources. Journal of Environmental Sciences, 2012, 24, 1954-1965.	3.2	67
38	Comparison of plume rise models against water tank experimental data for neutral and stable crossflows. Journal of Wind Engineering and Industrial Aerodynamics, 2011, 99, 539-553.	1.7	36
39	Characterisation and source apportionment of PM10 in an urban background site in Lecce. Atmospheric Research, 2010, 95, 40-54.	1.8	124
40	Identification and characterisation of local aerosol sources using high temporal resolution measurements. Journal of Environmental Monitoring, 2010, 12, 1709.	2.1	7
41	An evaluation of the PM2.5 trace elemental composition in the Venice Lagoon area and an analysis of the possible sources. Atmospheric Environment, 2009, 43, 6296-6304.	1.9	72
42	Effects of Reynolds number on stack plume trajectories simulated with small scale models in a wind tunnel. Journal of Wind Engineering and Industrial Aerodynamics, 2009, 97, 468-474.	1.7	13
43	Aerosol fine fraction in the Venice Lagoon: Particle composition and sources. Atmospheric Research, 2009, 92, 141-150.	1.8	50
44	Electrochemical and Spectroscopic Behavior of Iron(III) Porphyrazines in Langmuirâ"SchÃfer Films. Journal of Physical Chemistry B, 2008, 112, 11517-11528.	1.2	11