

Daniela Cesari

List of Publications by Year in descending order

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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	Source apportionment of PM 2.5 in the harbourâ€œindustrial area of Brindisi (Italy): Identification and estimation of the contribution of in-port ship emissions. <i>Science of the Total Environment</i> , 2014, 497-498, 392-400.	3.9	140
2	Seasonal variability of PM2.5 and PM10 composition and sources in an urban background site in Southern Italy. <i>Science of the Total Environment</i> , 2018, 612, 202-213.	3.9	136
3	Characterisation and source apportionment of PM10 in an urban background site in Lecce. <i>Atmospheric Research</i> , 2010, 95, 40-54.	1.8	124
4	Analysis of raw soils and their re-suspended PM10 fractions: Characterisation of source profiles and enrichment factors. <i>Applied Geochemistry</i> , 2012, 27, 1238-1246.	1.4	92
5	Source apportionment of size-segregated atmospheric particles based on the major water-soluble components in Lecce (Italy). <i>Science of the Total Environment</i> , 2014, 472, 248-261.	3.9	91
6	Influence of in-port ships emissions to gaseous atmospheric pollutants and to particulate matter of different sizes in a Mediterranean harbour in Italy. <i>Atmospheric Environment</i> , 2016, 139, 1-10.	1.9	91
7	An inter-comparison of PM2.5 at urban and urban background sites: Chemical characterization and source apportionment. <i>Atmospheric Research</i> , 2016, 174-175, 106-119.	1.8	90
8	Influence of Saharan dust outbreaks and carbon content on oxidative potential of water-soluble fractions of PM2.5 and PM10. <i>Atmospheric Environment</i> , 2017, 163, 1-8.	1.9	85
9	An evaluation of the PM2.5 trace elemental composition in the Venice Lagoon area and an analysis of the possible sources. <i>Atmospheric Environment</i> , 2009, 43, 6296-6304.	1.9	72
10	Atmospheric impact of ship traffic in four Adriatic-Ionian port-cities: Comparison and harmonization of different approaches. <i>Transportation Research, Part D: Transport and Environment</i> , 2017, 50, 431-445.	3.2	71
11	Comparison of PM10 concentrations and metal content in three different sites of the Venice Lagoon: An analysis of possible aerosol sources. <i>Journal of Environmental Sciences</i> , 2012, 24, 1954-1965.	3.2	67
12	Inter-comparison of source apportionment of PM10 using PMF and CMB in three sites nearby an industrial area in central Italy. <i>Atmospheric Research</i> , 2016, 182, 282-293.	1.8	67
13	An inter-comparison of PM10 source apportionment using PCA and PMF receptor models in three European sites. <i>Environmental Science and Pollution Research</i> , 2016, 23, 15133-15148.	2.7	65
14	A new methodology to assess the performance and uncertainty of source apportionment models II: The results of two European intercomparison exercises. <i>Atmospheric Environment</i> , 2015, 123, 240-250.	1.9	63
15	Characterization of PM10 and PM2.5 and Their Metals Content in Different Typologies of Sites in South-Eastern Italy. <i>Atmosphere</i> , 2014, 5, 435-453.	1.0	62
16	Inter-annual trend of the primary contribution of ship emissions to PM 2.5 concentrations in Venice (Italy): Efficiency of emissions mitigation strategies. <i>Atmospheric Environment</i> , 2015, 102, 183-190.	1.9	60
17	Application of PMF and CMB receptor models for the evaluation of the contribution of a large coal-fired power plant to PM10 concentrations. <i>Science of the Total Environment</i> , 2016, 560-561, 131-140.	3.9	57
18	Inter-Comparison of Carbon Content in PM2.5 and PM10 Collected at Five Measurement Sites in Southern Italy. <i>Atmosphere</i> , 2017, 8, 243.	1.0	53

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19	Aerosol fine fraction in the Venice Lagoon: Particle composition and sources. <i>Atmospheric Research</i> , 2009, 92, 141-150.	1.8	50
20	Impact of maritime traffic on polycyclic aromatic hydrocarbons, metals and particulate matter in Venice air. <i>Environmental Science and Pollution Research</i> , 2016, 23, 6951-6959.	2.7	49
21	XPS surface chemical characterization of atmospheric particles of different sizes. <i>Atmospheric Environment</i> , 2015, 116, 146-154.	1.9	46
22	Evaluation of receptor and chemical transport models for PM10 source apportionment. <i>Atmospheric Environment: X</i> , 2020, 5, 100053.	0.8	41
23	Seasonal variability of carbonaceous aerosols in an urban background area in Southern Italy. <i>Atmospheric Research</i> , 2018, 200, 97-108.	1.8	39
24	Comparison of plume rise models against water tank experimental data for neutral and stable crossflows. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2011, 99, 539-553.	1.7	36
25	Source Apportionment of PM2.5 and of its Oxidative Potential in an Industrial Suburban Site in South Italy. <i>Atmosphere</i> , 2019, 10, 758.	1.0	36
26	Characterization of the water soluble fraction in ultrafine, fine, and coarse atmospheric aerosol. <i>Science of the Total Environment</i> , 2019, 658, 1423-1439.	3.9	35
27	Long-term characterisation of African dust advection in south-eastern Italy: Influence on fine and coarse particle concentrations, size distributions, and carbon content. <i>Atmospheric Research</i> , 2020, 233, 104690.	1.8	34
28	Inter-comparison of carbon content in PM10 and PM2.5 measured with two thermo-optical protocols on samples collected in a Mediterranean site. <i>Environmental Science and Pollution Research</i> , 2019, 26, 29334-29350.	2.7	22
29	Characterisation of atmospheric pollution near an industrial site with a biogas production and combustion plant in southern Italy. <i>Science of the Total Environment</i> , 2020, 717, 137220.	3.9	21
30	Shipping and Air Quality in Italian Port Cities: State-of-the-Art Analysis of Available Results of Estimated Impacts. <i>Atmosphere</i> , 2021, 12, 536.	1.0	19
31	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. <i>Science of the Total Environment</i> , 2022, 805, 150171.	3.9	19
32	Comparison of the impact of ships to size-segregated particle concentrations in two harbour cities of northern Adriatic Sea. <i>Environmental Pollution</i> , 2020, 266, 115175.	3.7	16
33	Chemical characterization and source apportionment of size-segregated aerosol in the port-city of Venice (Italy). <i>Atmospheric Pollution Research</i> , 2021, 12, 261-271.	1.8	16
34	Characterisation of PM2.5 concentrations and turbulent fluxes on a island of the Venice lagoon using high temporal resolution measurements. <i>Meteorologische Zeitschrift</i> , 2012, 21, 385-398.	0.5	15
35	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. <i>Urban Climate</i> , 2021, 39, 100928.	2.4	14
36	Effects of Reynolds number on stack plume trajectories simulated with small scale models in a wind tunnel. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2009, 97, 468-474.	1.7	13

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37	An inter-comparison of size segregated carbonaceous aerosol collected by low-volume impactor in the port-cities of Venice (Italy) and Rijeka (Croatia). <i>Atmospheric Pollution Research</i> , 2020, 11, 1705-1714.	1.8	13
38	Electrochemical and Spectroscopic Behavior of Iron(III) Porphyrazines in Langmuir-Schäfer Films. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11517-11528.	1.2	11
39	Analysis of the contribution to PM10 concentrations of the largest coal-fired power plant of Italy in four different sites. <i>Atmospheric Pollution Research</i> , 2021, 12, 101135.	1.8	9
40	Multi-Year Concentrations, Health Risk, and Source Identification, of Air Toxics in the Venice Lagoon. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	8
41	Identification and characterisation of local aerosol sources using high temporal resolution measurements. <i>Journal of Environmental Monitoring</i> , 2010, 12, 1709.	2.1	7
42	Particulate Matter Ionic and Elemental Composition during the Winter Season: A Comparative Study among Rural, Urban and Remote Sites in Southern Italy. <i>Atmosphere</i> , 2022, 13, 356.	1.0	4
43	Trends of Shipping Impact to Particulate Matter in Two Adriatic Port-Cities. <i>Environmental Sciences Proceedings</i> , 2021, 8, 10.	0.3	0
44	Impact on the environment and on human health of internal combustion, hybrid and battery electric powered vehicles in a life cycle perspective. <i>E3S Web of Conferences</i> , 2021, 312, 07011.	0.2	0