

# Rosa Caggiano

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

658  
citations

623734

14  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

873  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal levels in fodder, milk, dairy products, and tissues sampled in ovine farms of Southern Italy. <i>Environmental Research</i> , 2005, 99, 48-57.	7.5	91
2	Source origin and parameters influencing levels of heavy metals in TSP, in an industrial background area of Southern Italy. <i>Atmospheric Environment</i> , 2002, 36, 3071-3087.	4.1	78
3	Heavy Metal Concentrations in Dairy Products from Sheep Milk Collected in Two Regions of Southern Italy. <i>Acta Veterinaria Scandinavica</i> , 2006, 47, 69-73.	1.6	65
4	Trace elements in daily collected aerosol: Level characterization and source identification in a four-year study. <i>Atmospheric Research</i> , 2008, 89, 206-217.	4.1	62
5	Levels, chemical composition and sources of fine aerosol particles (PM1) in an area of the Mediterranean basin. <i>Science of the Total Environment</i> , 2010, 408, 884-895.	8.0	52
6	Eyjafjallaj�kull volcanic ash in southern Italy. <i>Atmospheric Environment</i> , 2012, 48, 97-103.	4.1	37
7	PM10 and heavy metal measurements in an industrial area of southern Italy. <i>Atmospheric Research</i> , 2006, 81, 304-319.	4.1	34
8	Soil heavy metal contamination in an industrial area: analysis of the data collected during a decade. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 5951-5964.	2.7	29
9	Heavy metals in ryegrass species versus metal concentrations in atmospheric particulate measured in an industrial area of Southern Italy. <i>Environmental Monitoring and Assessment</i> , 2005, 102, 67-84.	2.7	28
10	Trace elements and human health risks assessment of finer aerosol atmospheric particles (PM1). <i>Environmental Science and Pollution Research</i> , 2019, 26, 36423-36433.	5.3	28
11	Fine aerosol particles (PM1): natural and anthropogenic contributions and health risk assessment. <i>Air Quality, Atmosphere and Health</i> , 2016, 9, 621-629.	3.3	25
12	Analysis of particulate matter in anthropized areas characterized by the presence of crude oil pre-treatment plants: The case study of the Agri Valley (Southern Italy). <i>Atmospheric Environment</i> , 2013, 77, 105-116.	4.1	19
13	Magnetic susceptibility measurements as proxy method to monitor soil pollution: the case study of S. Nicola di Melfi. <i>Environmental Monitoring and Assessment</i> , 2010, 169, 619-630.	2.7	18
14	The Fisher information measure and Shannon entropy for particulate matter measurements. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008, 387, 4387-4392.	2.6	16
15	Analysis of Dynamics in Cd, Fe, and Pb in Particulate Matter by using the Fisher�Shannon Method. <i>Water, Air, and Soil Pollution</i> , 2009, 201, 33-41.	2.4	15
16	A clustering approach based on triangular diagram to study the seasonal variability of simultaneous measurements of PM10, PM2.5 and PM1 mass concentration ratios. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	1.3	13
17	PM2.5 measurements in a Mediterranean site: Two typical cases. <i>Atmospheric Research</i> , 2011, 102, 157-166.	4.1	12
18	An assessment of rainfall modification in mountainous ecosystems dominated by <i>Fagus sylvatica</i> L. and <i>Picea abies</i> (L.) Karst. (Western Balkans, Bulgaria) by multivariate analyses. <i>European Journal of Forest Research</i> , 2014, 133, 699-711.	2.5	9

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19	The Study of Characteristic Environmental Sites Affected by Diverse Sources of Mineral Matter Using Compositional Data Analysis. <i>Condensed Matter</i> , 2018, 3, 16.	1.8	8
20	Biomonitoring of atmospheric pollution: a novel approach for the evaluation of natural and anthropogenic contribution to atmospheric aerosol particles. <i>Environmental Science and Pollution Research</i> , 2017, 24, 8578-8587.	5.3	7
21	IMAA (Integrated Measurements of Aerosol in Agri valley) campaign: Multi-instrumental observations at the largest European oil/gas pre-treatment plant area. <i>Atmospheric Environment</i> , 2017, 169, 297-306.	4.1	6
22	A systematic approach for the comparison of PM10, PM2.5, and PM1 mass concentrations of characteristic environmental sites. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 738.	2.7	4
23	The Evaluation of the Impact of a Saharan Event on Particulate Matter Using Compositional Data Analysis. <i>Pollutants</i> , 2022, 2, 1-11.	2.1	2
24	INVESTIGATING THE TEMPORAL FLUCTUATIONS IN PARTICULATE MATTER DATA. <i>Fluctuation and Noise Letters</i> , 2008, 08, L401-L407.	1.5	0