Eduardo Yubero

List of Publications by Year
in descending order

49 papers	1,088 citations	361296 20 h-index	414303 32 g-index
50 all docs	50 docs citations	50 times ranked	1350 citing authors

#	Article	IF	Citations
1	The Influence of Meteorology on Particulate Matter Concentrations at an Urban Mediterranean Location. Water, Air, and Soil Pollution, 2011, 215, 365-372.	1.1	96
2	Quantification of Saharan and local dust impact in an arid Mediterranean area by the positive matrix factorization (PMF) technique. Atmospheric Environment, 2008, 42, 8872-8882.	1.9	82
3	Aerosol Inorganic Ions in a Semiarid Region on the Southeastern Spanish Mediterranean Coast. Water, Air, and Soil Pollution, 2009, 201, 149-159.	1.1	63
4	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
5	Characterization of metals in PM1 and PM10 and health risk evaluation at an urban site in the western Mediterranean. Chemosphere, 2018, 201, 243-250.	4.2	49
6	Impact of fugitive emissions in ambient PM levels and compositionA case study in Southeast Spain. Science of the Total Environment, 2010, 408, 4999-5009.	3.9	44
7	Seasonal and interannual trends in PM levels and associated inorganic ions in southeastern Spain. Microchemical Journal, 2013, 110, 81-88.	2.3	42
8	Factors affecting levels of aerosol sulfate and nitrate on the Western Mediterranean coast. Atmospheric Research, 2008, 88, 305-313.	1.8	41
9	Evaluation of receptor and chemical transport models for PM10 source apportionment. Atmospheric Environment: X, 2020, 5, 100053.	0.8	41
10	Insights into the origin and evolution of carbonaceous aerosols in a mediterranean urban environment. Chemosphere, 2019, 235, 636-642.	4.2	38
11	PM10 source apportionment in the surroundings of the San Vicente del Raspeig cement plant complex in southeastern Spain. Environmental Science and Pollution Research, 2011, 18, 64-74.	2.7	36
12	Water-soluble ions measured in fine particulate matter next to cement works. Atmospheric Environment, 2011, 45, 2043-2049.	1.9	35
13	Assessment of potential source regions of PM2.5 components at a southwestern Mediterranean site. Tellus, Series B: Chemical and Physical Meteorology, 2011, 63, 96-106.	0.8	32
14	High-time resolution and size-segregated elemental composition in high-intensity pyrotechnic exposures. Journal of Hazardous Materials, 2012, 241-242, 82-91.	6.5	31
15	Estimation of the contributions of the sources driving PM2.5 levels in a Central Mediterranean coastal town. Chemosphere, 2018, 211, 465-481.	4.2	29
16	Temporal variations of PM1 major components in an urban street canyon. Environmental Science and Pollution Research, 2015, 22, 13328-13335.	2.7	27
17	PM events and changes in the chemical composition of urban aerosols: A case study in the western Mediterranean. Chemosphere, 2020, 244, 125520.	4.2	27
18	Influence of meteorological variability upon aerosol mass size distribution. Atmospheric Research, 2009, 94, 330-337.	1.8	24

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19	Comparison of PIXE and XRF analysis of airborne particulate matter samples collected on Teflon and quartz fibre filters. Nuclear Instruments & Methods in Physics Research B, 2018, 417, 128-132.	0.6	23
20	Day-night variability of water-soluble ions in PM10 samples collectedÂat a traffic site in southeastern Spain. Environmental Science and Pollution Research, 2017, 24, 805-812.	2.7	22
21	Changes in the concentration and composition of urban aerosols during the COVID-19 lockdown. Environmental Research, 2022, 203, 111788.	3.7	20
22	Regional and long-range transport of aerosols at Mt. Aitana, Southeastern Spain. Science of the Total Environment, 2017, 584-585, 723-730.	3.9	17
23	Characterization of events by aerosol mass size distributions. Journal of Environmental Monitoring, 2009, 11, 394-399.	2.1	16
24	Carbonaceous aerosols at an industrial site in Southeastern Spain. Air Quality, Atmosphere and Health, 2014, 7, 263-271.	1.5	16
25	Impact of Traffic Flows and Meteorological Events on the Hourly Elemental Composition of Fine and Coarse Particles at an Urban Site. Aerosol and Air Quality Research, 2020, 20, 991-1001.	0.9	15
26	Day-night variability of PM10 components at a Mediterranean urban site during winter. Air Quality, Atmosphere and Health, 2018, 11, 1251-1258.	1.5	13
27	Chemical Characterization of PM1 at a Regional Background Site in the Western Mediterranean. Aerosol and Air Quality Research, 2016, 16, 530-541.	0.9	12
28	Relevance of the economic crisis in chemical PM10 changes in a semi-arid industrial environment. Environmental Monitoring and Assessment, 2012, 184, 6827-6844.	1.3	11
29	PM 1 variability and transport conditions between an urban coastal area and a high mountain site during the cold season. Atmospheric Environment, 2015, 118, 127-134.	1.9	11
30	Depletion of tropospheric ozone associated with mineral dust outbreaks. Environmental Science and Pollution Research, 2016, 23, 19376-19386.	2.7	11
31	PM10 chemical composition at a residential site in the western mediterranean: Estimation of the contribution of biomass burning from levoglucosan and its isomers. Environmental Research, 2021, 196, 110394.	3.7	11
32	Influence of air mass origins on optical properties and PM concentrations measured at a high mountain station located in the southwestern Mediterranean. Atmospheric Research, 2017, 197, 244-254.	1.8	10
33	Quantification of the impact of port activities on PM10 levels at the port-city boundary of a mediterranean city. Journal of Environmental Management, 2021, 281, 111842.	3.8	10
34	Impacts on particles and ozone by transport processes recorded at urban and high-altitude monitoring stations. Science of the Total Environment, 2014, 466-467, 439-446.	3.9	9
35	VerificaciÃ³n de la isotropÃa del hormigÃ³n proyectado por vÃa hÃºmeda. Materiales De Construccion, 2009, 59, 19-30.	0.2	9
36	BTX in urban areas of eastern Spain: a focus on time variations and sources. Environmental Science and Pollution Research, 2016, 23, 18267-18276.	2.7	8

#	ARTICLE	IF	CITATIONS
37	Seasonal variability of aerosol absorption parameters at a remote site with high mineral dust loads. Atmospheric Research, 2018, 210, 100-109.	1.8	7
38	Winter Particulate Pollution over Raipur, India. Journal of Hazardous, Toxic, and Radioactive Waste, 2019, 23, 05019001.	1.2	7
39	Assessment of Road Dust Contamination in India. Atmospheric and Climate Sciences, 2016, 06, 77-88.	0.1	6
40	Analysis of aerosol scattering properties and PM10 concentrations at a mountain site influenced by mineral dust transport. Atmospheric Environment, 2019, 213, 250-257.	1.9	5
41	Time evolution of atmospheric particle number concentration during high-intensity pyrotechnic events. Atmospheric Environment, 2014, 96, 20-26.	1.9	4
42	Contamination, Sources, and Environmental Hazards of Groundwater in Bemetara District, Chhattisgarh, Central India. Journal of Hazardous, Toxic, and Radioactive Waste, 2020, 24, 05019005.	1.2	3
43	Saharan Dust Events over the Valencian Community (Eastern Iberian Peninsula): Synoptic Circulation Patterns and Contribution to PM10 Levels. Aerosol and Air Quality Research, 2020, 20, 2519-2528.	0.9	3
44	The Impact of Intense Winter Saharan Dust Events on PM and Optical Properties at Urban Sites in the Southeast of the Iberian Peninsula. Atmosphere, 2021, 12, 1469.	1.0	3
45	Size segregated ionic species collected in a harbour area. Chemosphere, 2022, 294, 133693.	4.2	3
46	Contamination of Water, Dust, Soil, Rock and Urine with Fluoride in Central India. Journal of Environmental Protection, 2015, 06, 1347-1359.	0.3	2
47	Contamination of building roof dust in India. Air Quality, Atmosphere and Health, 2017, 10, 287-295.	1.5	1
48	Transport Pollution in India. American Journal of Analytical Chemistry, 2015, 06, 757-766.	0.3	0
49	Combination of PM optical and chemical properties to estimate the contribution of non-BC absorbers to light absorption at a remote site. Atmospheric Research, 2022, 268, 106000.	1.8	0