MÃ¡rio Cerqueira

List of Publications by Year
in descending order

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50	2,585	236612	189595
papers	citations	25 h-index	50 g-index

51	51	51	3501
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	OC/EC ratio observations in Europe: Re-thinking the approach for apportionment between primary and secondary organic carbon. Atmospheric Environment, 2011, 45, 6121-6132.	1.9	336
2	AIRUSE-LIFE+: a harmonized PM speciation and source apportionment in fiveÂsouthern European cities. Atmospheric Chemistry and Physics, 2016, 16, 3289-3309.	1.9	267
3	Polycyclic aromatic hydrocarbons and their derivatives (nitro-PAHs, oxygenated PAHs, and azaarenes) in PM 2.5 from Southern European cities. Science of the Total Environment, 2017, 595, 494-504.	3.9	175
4	Size distribution of polycyclic aromatic hydrocarbons in a roadway tunnel in Lisbon, Portugal. Chemosphere, 2011, 83, 1588-1596.	4.2	127
5	Indoor air quality in elementary schools of Lisbon in spring. Environmental Geochemistry and Health, 2011, 33, 455-468.	1.8	105
6	The importance of contamination control in airborne fibers and microplastic sampling: Experiences from indoor and outdoor air sampling in Aveiro, Portugal. Marine Pollution Bulletin, 2020, 159, 111522.	2.3	88
7	Outdoor/indoor air quality in primary schools in Lisbon: a preliminary study. Quimica Nova, 2010, 33, 1145-1149.	0.3	88
8	Major 20th century changes of carbonaceous aerosol components (EC, WinOC, DOC, HULIS, carboxylic) Tj ETQq0 0 0 rgBT /Overlock 10	3.3	80
9	Particulate carbon in precipitation at European background sites. Journal of Aerosol Science, 2010, 41, 51-61.	1.8	80
10	Source assessment of particulate air pollutants measured at the southwest european coast. Atmospheric Environment, 1996, 30, 3309-3320.	1.9	76
11	Size-segregated chemical composition of aerosol emissions in an urban road tunnel in Portugal. Atmospheric Environment, 2013, 71, 15-25.	1.9	72
12	Elements and polycyclic aromatic hydrocarbons in exhaust particles emitted by light-duty vehicles. Environmental Science and Pollution Research, 2015, 22, 11526-11542.	2.7	71
13	Diurnal and seasonal emissions of volatile organic compounds from cork oak () trees. Atmospheric Environment, 2005, 39, 1817-1827.	1.9	69
14	An easy method for processing and identification of natural and synthetic microfibers and microplastics in indoor and outdoor air. MethodsX, 2020, 7, 100762.	0.7	68
15	Modeling historical longâ€term trends of sulfate, ammonium, and elemental carbon over Europe: A comparison with ice core records in the Alps. Journal of Geophysical Research, 2007, 112, .	3.3	67
16	Seasonal evaluation of outdoor/indoor air quality in primary schools in Lisbon. Journal of Environmental Monitoring, 2011, 13, 657.	2.1	66
17	Volatile organic compounds in rural atmospheres of central Portugal. Science of the Total Environment, 2003, 313, 49-60.	3.9	52
18	Composition and origin of PM 10 in Cape Verde: Characterization of long-range transport episodes. Atmospheric Environment, 2016, 127, 326-339.	1.9	47

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19	Sulphur and nitrogen compounds in variable marine/continental air masses at the southwest European coast. Atmospheric Environment, 1996, 30, 3115-3127.	1.9	46
20	Organic speciation of aerosols from wildfires in central Portugal during summer 2009. Atmospheric Environment, 2012, 57, 186-196.	1.9	44
21	Measurement of trace gases and organic compounds in the smoke plume from a wildfire in Penedono (central Portugal). Atmospheric Environment, 2011, 45, 5172-5182.	1.9	42
22	A one-year record of carbonaceous components and major ions in aerosols from an urban kerbside location in Oporto, Portugal. Science of the Total Environment, 2016, 562, 822-833.	3.9	41
23	Formaldehyde and acetaldehyde emissions from residential wood combustion in Portugal. Atmospheric Environment, 2013, 72, 171-176.	1.9	34
24	Production and release of dimethylsulphide from an estuary in Portugal. Atmospheric Environment, 1999, 33, 3355-3366.	1.9	33
25	Volatile organic compounds emitted by the stacks of restaurants. Air Quality, Atmosphere and Health, 2015, 8, 401-412.	1.5	30
26	Indoor and outdoor suspended particulate matter and associated carbonaceous species at residential homes in northwestern Portugal. Science of the Total Environment, 2014, 473-474, 72-76.	3.9	26
27	Cation export by overland flow in a recently burnt forest area in north-central Portugal. Science of the Total Environment, 2015, 524-525, 201-212.	3.9	26
28	Short-time phosphorus losses by overland flow in burnt pine and eucalypt plantations in north-central Portugal: A study at micro-plot scale. Science of the Total Environment, 2016, 551-552, 631-639.	3.9	24
29	Wet deposition of particulate carbon to the Central North Atlantic Ocean. Science of the Total Environment, 2014, 496, 92-99.	3.9	22
30	Assessment of river water quality using an integrated physicochemical, biological and ecotoxicological approach. Environmental Sciences: Processes and Impacts, 2014, 16, 1434.	1.7	20
31	Airborne microplastics and fibers in indoor residential environments in Aveiro, Portugal. Environmental Advances, 2021, 6, 100134.	2.2	20
32	Short-term nitrogen losses by overland flow in a recently burnt forest area in north-central Portugal: A study at micro-plot scale. Science of the Total Environment, 2016, 572, 1281-1288.	3.9	19
33	Impact of water quality on bacterioplankton assemblage along CÃ©rtima River Basin (central western) Tj ETQq1 1 0.784314 rgBT /Ov Assessment, 2012, 184, 471-485.	1.3	18
34	The application of a multi-wavelength Aethalometer to estimate iron dust and black carbon concentrations in the marine boundary layer of Cape Verde. Atmospheric Environment, 2014, 97, 136-143.	1.9	17
35	Organic characterisation of PM10 in Cape Verde under Saharan dust influxes. Atmospheric Environment, 2014, 89, 425-432.	1.9	17
36	Fine Particulate Matter and Gaseous Compounds in Kitchens and Outdoor Air of Different Dwellings. International Journal of Environmental Research and Public Health, 2020, 17, 5256.	1.2	16

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37	The Water Quality Of The CÃ‰rtima River Basin (Central Portugal). Environmental Monitoring and Assessment, 2005, 111, 297-306.	1.3	15
38	Lisbon air quality: evaluating traffic hot-spots. International Journal of Environment and Pollution, 2009, 39, 306.	0.2	15
39	Wet deposition of fossil and non-fossil derived particulate carbon: Insights from radiocarbon measurement. Atmospheric Environment, 2015, 115, 257-262.	1.9	15
40	Towards a model for aerosol removal by rain scavenging: The role of physical-chemical characteristics of raindrops. Water Research, 2021, 190, 116758.	5.3	15
41	Assessment of water pollution in the AntuÃ£ River basin (Northwestern Portugal). Environmental Monitoring and Assessment, 2008, 142, 325-335.	1.3	14
42	Spatial patterns of surface water quality in the CÃ©rtima River basin, central Portugal. Journal of Environmental Monitoring, 2010, 12, 189-199.	2.1	14
43	Air quality and particulate matter speciation in a beauty salon and surrounding outdoor environment: Exploratory study. Atmospheric Pollution Research, 2021, 12, 101174.	1.8	14
44	Source apportionment of atmospheric aerosol in a marine dusty environment by ionic/composition mass balance (IMB). Atmospheric Chemistry and Physics, 2018, 18, 13215-13230.	1.9	13
45	Particle-bound polycyclic aromatic hydrocarbons in a rural background atmosphere of southwestern Europe. Science of the Total Environment, 2021, 787, 147666.	3.9	13
46	Annual and seasonal variability of greenhouse gases fluxes over coastal urban and suburban areas in Portugal: Measurements and source partitioning. Atmospheric Environment, 2020, 223, 117204.	1.9	9
47	A one-year record of particle-bound polycyclic aromatic hydrocarbons at an urban background site in Lisbon Metropolitan Area, Portugal. Science of the Total Environment, 2019, 658, 34-41.	3.9	8
48	Experimental evidence for a significant contribution of cellulose to indoor aerosol mass concentration. Atmospheric Environment, 2010, 44, 867-871.	1.9	5
49	Case Studies of Source Apportionment and Suggested Measures at Southern European Cities. Issues in Environmental Science and Technology, 2016, , 168-263.	0.4	4
50	Chemical characterisation of marine aerosol in the azores. Physics and Chemistry of the Earth, 2001, 26, 831-834.	0.3	2