

Mãrio Cerqueira

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,585
citations

236612

25
h-index

189595

50
g-index

51
all docs

51
docs citations

51
times ranked

3501
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards a model for aerosol removal by rain scavenging: The role of physical-chemical characteristics of raindrops. <i>Water Research</i> , 2021, 190, 116758.	5.3	15
2	Air quality and particulate matter speciation in a beauty salon and surrounding outdoor environment: Exploratory study. <i>Atmospheric Pollution Research</i> , 2021, 12, 101174.	1.8	14
3	Particle-bound polycyclic aromatic hydrocarbons in a rural background atmosphere of southwestern Europe. <i>Science of the Total Environment</i> , 2021, 787, 147666.	3.9	13
4	Airborne microplastics and fibers in indoor residential environments in Aveiro, Portugal. <i>Environmental Advances</i> , 2021, 6, 100134.	2.2	20
5	Annual and seasonal variability of greenhouse gases fluxes over coastal urban and suburban areas in Portugal: Measurements and source partitioning. <i>Atmospheric Environment</i> , 2020, 223, 117204.	1.9	9
6	An easy method for processing and identification of natural and synthetic microfibers and microplastics in indoor and outdoor air. <i>MethodsX</i> , 2020, 7, 100762.	0.7	68
7	The importance of contamination control in airborne fibers and microplastic sampling: Experiences from indoor and outdoor air sampling in Aveiro, Portugal. <i>Marine Pollution Bulletin</i> , 2020, 159, 111522.	2.3	88
8	Fine Particulate Matter and Gaseous Compounds in Kitchens and Outdoor Air of Different Dwellings. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5256.	1.2	16
9	A one-year record of particle-bound polycyclic aromatic hydrocarbons at an urban background site in Lisbon Metropolitan Area, Portugal. <i>Science of the Total Environment</i> , 2019, 658, 34-41.	3.9	8
10	Source apportionment of atmospheric aerosol in a marine dusty environment by ionic/composition mass balance (IMB). <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 13215-13230.	1.9	13
11	Polycyclic aromatic hydrocarbons and their derivatives (nitro-PAHs, oxygenated PAHs, and azaarenes) in PM 2.5 from Southern European cities. <i>Science of the Total Environment</i> , 2017, 595, 494-504.	3.9	175
12	AIRUSE-LIFE+: a harmonized PM speciation and source apportionment in five southern European cities. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 3289-3309.	1.9	267
13	Short-time phosphorus losses by overland flow in burnt pine and eucalypt plantations in north-central Portugal: A study at micro-plot scale. <i>Science of the Total Environment</i> , 2016, 551-552, 631-639.	3.9	24
14	A one-year record of carbonaceous components and major ions in aerosols from an urban kerbside location in Oporto, Portugal. <i>Science of the Total Environment</i> , 2016, 562, 822-833.	3.9	41
15	Short-term nitrogen losses by overland flow in a recently burnt forest area in north-central Portugal: A study at micro-plot scale. <i>Science of the Total Environment</i> , 2016, 572, 1281-1288.	3.9	19
16	Composition and origin of PM 10 in Cape Verde: Characterization of long-range transport episodes. <i>Atmospheric Environment</i> , 2016, 127, 326-339.	1.9	47
17	Case Studies of Source Apportionment and Suggested Measures at Southern European Cities. <i>Issues in Environmental Science and Technology</i> , 2016, , 168-263.	0.4	4
18	Volatile organic compounds emitted by the stacks of restaurants. <i>Air Quality, Atmosphere and Health</i> , 2015, 8, 401-412.	1.5	30

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19	Wet deposition of fossil and non-fossil derived particulate carbon: Insights from radiocarbon measurement. <i>Atmospheric Environment</i> , 2015, 115, 257-262.	1.9	15
20	Cation export by overland flow in a recently burnt forest area in north-central Portugal. <i>Science of the Total Environment</i> , 2015, 524-525, 201-212.	3.9	26
21	Elements and polycyclic aromatic hydrocarbons in exhaust particles emitted by light-duty vehicles. <i>Environmental Science and Pollution Research</i> , 2015, 22, 11526-11542.	2.7	71
22	Assessment of river water quality using an integrated physicochemical, biological and ecotoxicological approach. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 1434.	1.7	20
23	Wet deposition of particulate carbon to the Central North Atlantic Ocean. <i>Science of the Total Environment</i> , 2014, 496, 92-99.	3.9	22
24	The application of a multi-wavelength Aethalometer to estimate iron dust and black carbon concentrations in the marine boundary layer of Cape Verde. <i>Atmospheric Environment</i> , 2014, 97, 136-143.	1.9	17
25	Organic characterisation of PM10 in Cape Verde under Saharan dust influxes. <i>Atmospheric Environment</i> , 2014, 89, 425-432.	1.9	17
26	Indoor and outdoor suspended particulate matter and associated carbonaceous species at residential homes in northwestern Portugal. <i>Science of the Total Environment</i> , 2014, 473-474, 72-76.	3.9	26
27	Formaldehyde and acetaldehyde emissions from residential wood combustion in Portugal. <i>Atmospheric Environment</i> , 2013, 72, 171-176.	1.9	34
28	Size-segregated chemical composition of aerosol emissions in an urban road tunnel in Portugal. <i>Atmospheric Environment</i> , 2013, 71, 15-25.	1.9	72
29	Organic speciation of aerosols from wildfires in central Portugal during summer 2009. <i>Atmospheric Environment</i> , 2012, 57, 186-196.	1.9	44
30	Impact of water quality on bacterioplankton assemblage along Cãrtima River Basin (central western) Tj ETQq0 0 0 rgBT /Overlock 10 T Assessment, 2012, 184, 471-485.	1.3	18
31	Seasonal evaluation of outdoor/indoor air quality in primary schools in Lisbon. <i>Journal of Environmental Monitoring</i> , 2011, 13, 657.	2.1	66
32	Measurement of trace gases and organic compounds in the smoke plume from a wildfire in Penedono (central Portugal). <i>Atmospheric Environment</i> , 2011, 45, 5172-5182.	1.9	42
33	OC/EC ratio observations in Europe: Re-thinking the approach for apportionment between primary and secondary organic carbon. <i>Atmospheric Environment</i> , 2011, 45, 6121-6132.	1.9	336
34	Size distribution of polycyclic aromatic hydrocarbons in a roadway tunnel in Lisbon, Portugal. <i>Chemosphere</i> , 2011, 83, 1588-1596.	4.2	127
35	Indoor air quality in elementary schools of Lisbon in spring. <i>Environmental Geochemistry and Health</i> , 2011, 33, 455-468.	1.8	105
36	Experimental evidence for a significant contribution of cellulose to indoor aerosol mass concentration. <i>Atmospheric Environment</i> , 2010, 44, 867-871.	1.9	5

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37	Particulate carbon in precipitation at European background sites. <i>Journal of Aerosol Science</i> , 2010, 41, 51-61.	1.8	80
38	Spatial patterns of surface water quality in the Côrta River basin, central Portugal. <i>Journal of Environmental Monitoring</i> , 2010, 12, 189-199.	2.1	14
39	Outdoor/indoor air quality in primary schools in Lisbon: a preliminary study. <i>Quimica Nova</i> , 2010, 33, 1145-1149.	0.3	88
40	Lisbon air quality: evaluating traffic hot-spots. <i>International Journal of Environment and Pollution</i> , 2009, 39, 306.	0.2	15
41	Assessment of water pollution in the Antu River basin (Northwestern Portugal). <i>Environmental Monitoring and Assessment</i> , 2008, 142, 325-335.	1.3	14
42	Modeling historical long-term trends of sulfate, ammonium, and elemental carbon over Europe: A comparison with ice core records in the Alps. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	67
43	Major 20th century changes of carbonaceous aerosol components (EC, WinOC, DOC, HULIS, carboxylic) Tj ETQq1 1 0.784314 rgBT /Ov 3.3 80	3.3	80
44	Diurnal and seasonal emissions of volatile organic compounds from cork oak () trees. <i>Atmospheric Environment</i> , 2005, 39, 1817-1827.	1.9	69
45	The Water Quality Of The Côrta River Basin (Central Portugal). <i>Environmental Monitoring and Assessment</i> , 2005, 111, 297-306.	1.3	15
46	Volatile organic compounds in rural atmospheres of central Portugal. <i>Science of the Total Environment</i> , 2003, 313, 49-60.	3.9	52
47	Chemical characterisation of marine aerosol in the azores. <i>Physics and Chemistry of the Earth</i> , 2001, 26, 831-834.	0.3	2
48	Production and release of dimethylsulphide from an estuary in Portugal. <i>Atmospheric Environment</i> , 1999, 33, 3355-3366.	1.9	33
49	Source assessment of particulate air pollutants measured at the southwest european coast. <i>Atmospheric Environment</i> , 1996, 30, 3309-3320.	1.9	76
50	Sulphur and nitrogen compounds in variable marine/continental air masses at the southwest European coast. <i>Atmospheric Environment</i> , 1996, 30, 3115-3127.	1.9	46