

Clia Alves

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

187
papers

6,318
citations

46
h-index

71
g-index

204
ext. papers

7,347
ext. citations

5.2
avg. IF

5.89
L-index

#	Paper	IF	Citations
187	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	5.3	277
186	General overview: European Integrated project on Aerosol Cloud Climate and Air Quality interactions (EUCAARI) – Integrating aerosol research from nano to global scales. <i>Atmospheric Chemistry and Physics</i> , 2011 , 11, 13061-13143	6.8	231
185	Research on aerosol sources and chemical composition: Past, current and emerging issues. <i>Atmospheric Research</i> , 2013 , 120-121, 1-28	5.4	230
184	Chemical composition of atmospheric aerosols during the 2003 summer intense forest fire period. <i>Atmospheric Environment</i> , 2008 , 42, 7530-7543	5.3	192
183	AIRUSE-LIFE+: a harmonized PM speciation and source apportionment in five southern European cities. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 3289-3309	6.8	191
182	Children exposure to atmospheric particles in indoor of Lisbon primary schools. <i>Atmospheric Environment</i> , 2011 , 45, 7594-7599	5.3	167
181	An overview of particulate emissions from residential biomass combustion. <i>Atmospheric Research</i> , 2018 , 199, 159-185	5.4	135
180	Polycyclic aromatic hydrocarbons and their derivatives (nitro-PAHs, oxygenated PAHs, and azaarenes) in PM from Southern European cities. <i>Science of the Total Environment</i> , 2017 , 595, 494-504	10.2	122
179	Composition of extractable organic matter of air particles from rural and urban Portuguese areas. <i>Atmospheric Environment</i> , 2001 , 35, 5485-5496	5.3	120
178	Organic components of aerosols in a forested area of central Greece. <i>Atmospheric Environment</i> , 2001 , 35, 389-401	5.3	115
177	Identification, abundance and origin of atmospheric organic particulate matter in a Portuguese rural area. <i>Atmospheric Environment</i> , 2001 , 35, 1365-1375	5.3	113
176	Seasonal distribution of polar organic compounds in the urban atmosphere of two large cities from the North and South of Europe. <i>Atmospheric Environment</i> , 2007 , 41, 5555-5570	5.3	112
175	Emission of trace gases and organic components in smoke particles from a wildfire in a mixed-evergreen forest in Portugal. <i>Science of the Total Environment</i> , 2011 , 409, 1466-75	10.2	108
174	Characterisation of PM10 emissions from woodstove combustion of common woods grown in Portugal. <i>Atmospheric Environment</i> , 2010 , 44, 4474-4480	5.3	106
173	Factors controlling air quality in different European subway systems. <i>Environmental Research</i> , 2016 , 146, 35-46	7.9	99
172	Organic compounds in PM2.5 emitted from fireplace and woodstove combustion of typical Portuguese wood species. <i>Atmospheric Environment</i> , 2011 , 45, 4533-4545	5.3	90
171	Indoor air quality in elementary schools of Lisbon in spring. <i>Environmental Geochemistry and Health</i> , 2011 , 33, 455-68	4.7	90

170	Characterisation of solvent extractable organic constituents in atmospheric particulate matter: an overview. <i>Anais Da Academia Brasileira De Ciencias</i> , 2008 , 80, 21-82	1.4	89
169	Smoke emissions from biomass burning in a Mediterranean shrubland. <i>Atmospheric Environment</i> , 2010 , 44, 3024-3033	5.3	86
168	Polycyclic aromatic hydrocarbons (PAHs) and their derivatives (oxygenated-PAHs, nitrated-PAHs and azaarenes) in size-fractionated particles emitted in an urban road tunnel. <i>Atmospheric Research</i> , 2016 , 180, 128-137	5.4	79
167	Summer 2009 wildfires in Portugal: Emission of trace gases and aerosol composition. <i>Atmospheric Environment</i> , 2011 , 45, 641-649	5.3	70
166	Outdoor/indoor air quality in primary schools in Lisbon: a preliminary study. <i>Quimica Nova</i> , 2010 , 33, 1145-1149	5.0	70
165	Indoor and outdoor characterisation of organic and inorganic compounds in city centre and suburban elementary schools of Aveiro, Portugal. <i>Atmospheric Environment</i> , 2012 , 55, 80-89	5.3	69
164	Fireplace and woodstove fine particle emissions from combustion of western Mediterranean wood types. <i>Atmospheric Research</i> , 2011 , 101, 692-700	5.4	69
163	An evaluation of some issues regarding the use of aethalometers to measure woodsmoke concentrations. <i>Atmospheric Environment</i> , 2013 , 80, 540-548	5.3	68
162	Emission factors and detailed chemical composition of smoke particles from the 2010 wildfire season. <i>Atmospheric Environment</i> , 2013 , 71, 295-303	5.3	63
161	Chemical profiling of PM from urban road dust. <i>Science of the Total Environment</i> , 2018 , 634, 41-51	10.2	61
160	Size-segregated particulate matter and gaseous emissions from motor vehicles in a road tunnel. <i>Atmospheric Research</i> , 2015 , 153, 134-144	5.4	58
159	Inventory of fine particulate organic compound emissions from residential wood combustion in Portugal. <i>Atmospheric Environment</i> , 2012 , 50, 297-306	5.3	57
158	Monoamine oxidase-B mediates ecstasy-induced neurotoxic effects to adolescent rat brain mitochondria. <i>Journal of Neuroscience</i> , 2007 , 27, 10203-10	6.6	57
157	Size-segregated chemical composition of aerosol emissions in an urban road tunnel in Portugal. <i>Atmospheric Environment</i> , 2013 , 71, 15-25	5.3	56
156	Seasonal evaluation of outdoor/indoor air quality in primary schools in Lisbon. <i>Journal of Environmental Monitoring</i> , 2011 , 13, 657-67		54
155	Particulate pollutants in the Brazilian city of Sã Paulo: 1-year investigation for the chemical composition and source apportionment. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 11943-11969	6.8	52
154	Particulate organic compounds emitted from experimental wildland fires in a Mediterranean ecosystem. <i>Atmospheric Environment</i> , 2010 , 44, 2750-2759	5.3	52
153	Time-series analysis of air pollution data. <i>Atmospheric Environment</i> , 1999 , 33, 2361-2372	5.3	51

152	Indoor air quality during sleep under different ventilation patterns. <i>Atmospheric Pollution Research</i> , 2017 , 8, 1132-1142	4.5	50
151	Organic compounds in aerosols from selected European sites – Biogenic versus anthropogenic sources. <i>Atmospheric Environment</i> , 2012 , 59, 243-255	5.3	50
150	Organic composition of size segregated atmospheric particulate matter, during summer and winter sampling campaigns at representative sites in Madrid, Spain. <i>Atmospheric Research</i> , 2013 , 132-133, 345-364	5.4	50
149	AIRUSE-LIFE +: estimation of natural source contributions to urban ambient air PM ₁₀ and PM _{2.5} concentrations in southern Europe – implications to compliance with limit values. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 3673-3685	6.8	49
148	Emissions from Light-Duty Diesel and Gasoline in-use Vehicles Measured on Chassis Dynamometer Test Cycles. <i>Aerosol and Air Quality Research</i> , 2015 , 15, 99-116	4.6	49
147	Particulate phase emission of parent polycyclic aromatic hydrocarbons (PAHs) and their derivatives (alkyl-PAHs, oxygenated-PAHs, azaarenes and nitrated PAHs) from manually and automatically fired combustion appliances. <i>Air Quality, Atmosphere and Health</i> , 2016 , 9, 653-668	5.6	48
146	VOC emissions from residential combustion of Southern and mid-European woods. <i>Atmospheric Environment</i> , 2014 , 83, 90-98	5.3	48
145	Ambient isoprene and monoterpene concentrations in a Greek fir (<i>Abies Borisii-regis</i>) forest. Reconciliation with emissions measurements and effects on measured OH concentrations. <i>Atmospheric Environment</i> , 2001 , 35, 4699-4711	5.3	48
144	Comfort Parameters and Particulate Matter (PM ₁₀ and PM _{2.5}) in School Classrooms and Outdoor Air. <i>Aerosol and Air Quality Research</i> , 2013 , 13, 1521-1535	4.6	48
143	Elements and polycyclic aromatic hydrocarbons in exhaust particles emitted by light-duty vehicles. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 11526-42	5.1	46
142	Particulate Size Distributed Organic Compounds in a Forest Atmosphere. <i>Environmental Science & Technology</i> , 2000 , 34, 4287-4293	10.3	46
141	An intercomparison study of analytical methods used for quantification of levoglucosan in ambient aerosol filter samples. <i>Atmospheric Measurement Techniques</i> , 2015 , 8, 125-147	4	45
140	Particulate and gaseous emissions from the combustion of different biofuels in a pellet stove. <i>Atmospheric Environment</i> , 2015 , 120, 15-27	5.3	45
139	Could houseplants improve indoor air quality in schools?. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012 , 75, 1371-80	3.2	42
138	Emission of carbon monoxide, total hydrocarbons and particulate matter during wood combustion in a stove operating under distinct conditions. <i>Fuel Processing Technology</i> , 2015 , 131, 182-192	7.2	41
137	Indoor air pollution, physical and comfort parameters related to schoolchildren's health: Data from the European SINPHONIE study. <i>Science of the Total Environment</i> , 2020 , 739, 139870	10.2	41
136	Characterisation of carbonaceous aerosols from the Azorean Island of Terceira. <i>Atmospheric Environment</i> , 2007 , 41, 1359-1373	5.3	39
135	Mass balance of organic carbon fractions in atmospheric aerosols. <i>Journal of Geophysical Research</i> , 2002 , 107, ICC 7-1-ICC 7-9		39

134	VOC emissions of smouldering combustion from Mediterranean wildfires in central Portugal. <i>Atmospheric Environment</i> , 2013 , 64, 339-348	5.3	38
133	Sugar markers in aerosol particles from an agro-industrial region in Brazil. <i>Atmospheric Environment</i> , 2014 , 90, 106-112	5.3	37
132	Particulate emissions from the co-combustion of forest biomass and sewage sludge in a bubbling fluidised bed reactor. <i>Fuel Processing Technology</i> , 2013 , 114, 58-68	7.2	37
131	Characterization of operating conditions of two residential wood combustion appliances. <i>Fuel Processing Technology</i> , 2014 , 126, 222-232	7.2	36
130	Characterizing air particulate matter composition and sources in Lisbon, Portugal. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2009 , 281, 215-218	1.5	36
129	Organic speciation of aerosols from wildfires in central Portugal during summer 2009. <i>Atmospheric Environment</i> , 2012 , 57, 186-196	5.3	35
128	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	5.3	34
127	Road tunnel, roadside, and urban background measurements of aliphatic compounds in size-segregated particulate matter. <i>Atmospheric Research</i> , 2016 , 168, 139-148	5.4	33
126	Indoor/Outdoor Relationships between PM10 and Associated Organic Compounds in a Primary School. <i>Aerosol and Air Quality Research</i> , 2014 , 14, 86-98	4.6	33
125	Influence of operating conditions on chemical composition of particulate matter emissions from residential combustion. <i>Atmospheric Research</i> , 2015 , 166, 92-100	5.4	32
124	Composition and origin of PM 10 in Cape Verde: Characterization of long-range transport episodes. <i>Atmospheric Environment</i> , 2016 , 127, 326-339	5.3	32
123	Size fractionated aerosol composition at roadside and background environments in the Madrid urban atmosphere. <i>Atmospheric Research</i> , 2014 , 138, 278-292	5.4	32
122	Organic particulate emissions from field burning of garden and agriculture residues. <i>Atmospheric Research</i> , 2011 , 101, 666-680	5.4	32
121	Evidence of selection for low cognate amino acid bias in amino acid biosynthetic enzymes. <i>Molecular Microbiology</i> , 2005 , 56, 1017-34	4.1	32
120	Physical and chemical properties of non-exhaust particles generated from wear between pavements and tyres. <i>Atmospheric Environment</i> , 2020 , 224, 117252	5.3	32
119	Indoor aerosol size distributions in a gymnasium. <i>Science of the Total Environment</i> , 2015 , 524-525, 178-860.2	5.0	30
118	Particulate and gaseous emissions from charcoal combustion in barbecue grills. <i>Fuel Processing Technology</i> , 2018 , 176, 296-306	7.2	30
117	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	10.2	29

116	Mutagenicity assessment of aerosols in emissions from wood combustion in Portugal. <i>Environmental Pollution</i> , 2012 , 166, 172-81	9.3	29
115	Seasonal variation of particulate lipophilic organic compounds at nonurban sites in Europe. <i>Journal of Geophysical Research</i> , 2007 , 112,		29
114	Emission factors from residential combustion appliances burning Portuguese biomass fuels. <i>Journal of Environmental Monitoring</i> , 2011 , 13, 3196-206		28
113	Indoor Air Quality in Two University Sports Facilities. <i>Aerosol and Air Quality Research</i> , 2013 , 13, 1723-1730	4.0	27
112	Association between atmospheric pollutants and hospital admissions in Lisbon. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 5500-10	5.1	26
111	Exposure and dose assessment to particle components among an elderly population. <i>Atmospheric Environment</i> , 2015 , 102, 156-166	5.3	26
110	Speciation of organic compounds in aerosols from urban background sites in the winter season. <i>Atmospheric Research</i> , 2014 , 150, 57-68	5.4	26
109	Evaluating children exposure to air pollutants for an epidemiological study. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2009 , 280, 405-409	1.5	26
108	Residential wood combustion in two domestic devices: Relationship of different parameters throughout the combustion cycle. <i>Atmospheric Environment</i> , 2015 , 116, 72-82	5.3	25
107	Air pollution and emergency admissions for cardiorespiratory diseases in Lisbon (Portugal). <i>Quimica Nova</i> , 2010 , 33, 337-344	1.6	25
106	Indoor air quality in primary schools. <i>International Journal of Environment and Pollution</i> , 2012 , 50, 396	0.7	24
105	Secondary organic compounds in atmospheric aerosols: speciation and formation mechanisms. <i>Journal of the Brazilian Chemical Society</i> , 2005 , 16, 1017-1029	1.5	24
104	Photochemical pollution in a rural mountainous area in the northeast of Portugal. <i>Atmospheric Research</i> , 2009 , 92, 151-158	5.4	23
103	Effect of industrial and domestic ash from biomass combustion, and spent coffee grounds, on soil fertility and plant growth: experiments at field conditions. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 15270-15277	5.1	22
102	Particulate matter in the indoor and outdoor air of a gymnasium and a fronton. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 12390-402	5.1	22
101	Air quality in a school with dampness and mould problems. <i>Air Quality, Atmosphere and Health</i> , 2016 , 9, 107-115	5.6	21
100	Assessment of the indoor air quality in copy centres at Aveiro, Portugal. <i>Air Quality, Atmosphere and Health</i> , 2017 , 10, 117-127	5.6	20
99	Loadings, chemical patterns and risks of inhalable road dust particles in an Atlantic city in the north of Portugal. <i>Science of the Total Environment</i> , 2020 , 737, 139596	10.2	19

98	Gaseous and speciated particulate emissions from the open burning of wastes from tree pruning. <i>Atmospheric Research</i> , 2019 , 226, 110-121	5.4	18
97	Comparison of indoor air quality during sleep in smokers and non-smokers' bedrooms: A preliminary study. <i>Environmental Pollution</i> , 2019 , 249, 248-256	9.3	18
96	Unusual winter Saharan dust intrusions at Northwest Spain: Air quality, radiative and health impacts. <i>Science of the Total Environment</i> , 2019 , 669, 213-228	10.2	18
95	The role of PIXE in the AIRUSE project âtesting and development of air quality mitigation measures in Southern Europeâ <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015 , 363, 92-98	1.2	18
94	Optimization of artificial neural network models through genetic algorithms for surface ozone concentration forecasting. <i>Environmental Science and Pollution Research</i> , 2012 , 19, 3228-34	5.1	18
93	Organic compounds in particulate and gaseous phase collected in the neighbourhood of an industrial complex in So Paulo (Brazil). <i>Air Quality, Atmosphere and Health</i> , 2018 , 11, 271-283	5.6	17
92	Organic aerosols in a Brazilian agro-industrial area: Speciation and impact of biomass burning. <i>Atmospheric Research</i> , 2016 , 169, 271-279	5.4	17
91	Volatile organic compounds emitted by the stacks of restaurants. <i>Air Quality, Atmosphere and Health</i> , 2015 , 8, 401-412	5.6	16
90	Mutagenicity assessment of aerosols in emissions from domestic combustion processes. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 10799-10807	5.1	16
89	Particulate carbon in the atmosphere of a Finnish forest and a German anthropogenically influenced grassland. <i>Atmospheric Research</i> , 2006 , 80, 133-150	5.4	16
88	Atmospheric carbonaceous aerosols over grasslands of central Europe and a Boreal forest. <i>Chemosphere</i> , 2006 , 63, 153-64	8.4	16
87	The organic composition of air particulate matter from rural and urban portuguese areas. <i>Physics and Chemistry of the Earth</i> , 1999 , 24, 705-709		16
86	Impact of wood combustion on indoor air quality. <i>Science of the Total Environment</i> , 2020 , 705, 135769	10.2	16
85	Chemical characterisation of total suspended particulate matter from a remote area in Amazonia. <i>Atmospheric Research</i> , 2016 , 182, 102-113	5.4	16
84	Geochemical, Mineralogical and Morphological Characterisation of Road Dust and Associated Health Risks. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	15
83	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	5.3	15
82	Organic characterisation of PM10 in Cape Verde under Saharan dust influxes. <i>Atmospheric Environment</i> , 2014 , 89, 425-432	5.3	15
81	Size-segregated aerosol chemical composition from an agro-industrial region of So Paulo state, Brazil. <i>Air Quality, Atmosphere and Health</i> , 2017 , 10, 483-496	5.6	15

80	Indoor and outdoor air quality: A university cafeteria as a case study. <i>Atmospheric Pollution Research</i> , 2020 , 11, 531-544	4.5	15
79	Characterization of aerosol sources in Leñ (Spain) using Positive Matrix Factorization and weather types. <i>Science of the Total Environment</i> , 2021 , 754, 142045	10.2	15
78	Impact of vacuum cleaning on indoor air quality. <i>Building and Environment</i> , 2020 , 180, 107059	6.5	14
77	Organic speciation of atmospheric particles in Alvõ Natural Park (Portugal). <i>Environmental Monitoring and Assessment</i> , 2010 , 168, 321-37	3.1	14
76	Aerossõs atmosfõficos: perspectiva histõrica, fontes, processos quõmicos de formaõ e composiõ orgõnica. <i>Quimica Nova</i> , 2005 , 28, 859-870	1.6	14
75	Compliance of indoor air quality during sleep with legislation and guidelines - A case study of Lisbon dwellings. <i>Environmental Pollution</i> , 2020 , 264, 114619	9.3	13
74	Chemical composition of aerosol in Sõ Paulo, Brazil: influence of the transport of pollutants. <i>Air Quality, Atmosphere and Health</i> , 2017 , 10, 457-468	5.6	13
73	Size distribution of atmospheric particulate ionic species at a coastal site in Portugal. <i>Quimica Nova</i> , 2007 , 30, 1938-1944	1.6	13
72	AIRUSE-LIFE+: a harmonized PM speciation and source apportionment in 5 Southern European cities		13
71	Nitrogen oxides and ozone in Portugal: trends and ozone estimation in an urban and a rural site. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 17171-82	5.1	13
70	Characteristics of ash and particle emissions during bubbling fluidised bed combustion of three types of residual forest biomass. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 10018-10029	5.1	12
69	Impact of the wood combustion in an open fireplace on the air quality of a living room: Estimation of the respirable fraction. <i>Science of the Total Environment</i> , 2018 , 628-629, 169-176	10.2	12
68	Cooking activities in a domestic kitchen: Chemical and toxicological profiling of emissions. <i>Science of the Total Environment</i> , 2021 , 772, 145412	10.2	12
67	Road dust resuspension: A review. <i>Atmospheric Research</i> , 2021 , 261, 105740	5.4	12
66	Organic tracers in aerosols from the residential combustion of pellets and agro-fuels. <i>Air Quality, Atmosphere and Health</i> , 2017 , 10, 37-45	5.6	11
65	Emissions from residential pellet combustion of an invasive acacia species. <i>Renewable Energy</i> , 2019 , 140, 319-329	8.1	11
64	Seasonal variability of aerosol concentration and size distribution in Cape Verde using a continuous aerosol optical spectrometer. <i>Frontiers in Environmental Science</i> , 2014 , 2,	4.8	11
63	Air quality and organic compounds in aerosols from a coastal rural area in the Western Iberian Peninsula over a year long period: Characterisation, loads and seasonal trends. <i>Atmospheric Environment</i> , 2007 , 41, 3631-3643	5.3	11

62	Modelling indoor air quality: validation and sensitivity. <i>Air Quality, Atmosphere and Health</i> , 2017 , 10, 643-652	5.62	10
61	Impact of Biomass Home Heating, Cooking Styles, and Bread Toasting on the Indoor Air Quality at Portuguese Dwellings: A Case Study. <i>Atmosphere</i> , 2018 , 9, 214	2.7	10
60	Hydrocarbons in particulate samples from wildfire events in central Portugal in summer 2010. <i>Journal of Environmental Sciences</i> , 2017 , 53, 122-131	6.4	10
59	Risk factors and prevalence of asthma and rhinitis among primary school children in Lisbon. <i>Revista Portuguesa De Pneumologia</i> , 2011 , 17, 109-116		10
58	Emissions from the combustion of eucalypt and pine chips in a fluidized bed reactor. <i>Journal of Environmental Sciences</i> , 2016 , 42, 246-258	6.4	9
57	Source apportionment of PM2.5 and PM10 by Ionic and Mass Balance (IMB) in a traffic-influenced urban atmosphere, in Portugal. <i>Atmospheric Environment</i> , 2020 , 223, 117217	5.3	9
56	Emissions from residential combustion of certified and uncertified pellets. <i>Renewable Energy</i> , 2020 , 161, 1059-1071	8.1	9
55	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	6.8	9
54	A comparative chemical study of PM10 in three Latin American cities: Lima, Medellín, and São Paulo. <i>Air Quality, Atmosphere and Health</i> , 2019 , 12, 1141-1152	5.6	8
53	Size Distribution Characteristics of Organic Species in Atmospheric Particulate Matter from Finnish and German Rural Sites with Variable Anthropogenic Influence. <i>Environmental Engineering Science</i> , 2006 , 23, 933-941	2	8
52	Household Dust: Loadings and PM10-Bound Plasticizers and Polycyclic Aromatic Hydrocarbons. <i>Atmosphere</i> , 2019 , 10, 785	2.7	8
51	Drought effects on specific-cause mortality in Lisbon from 1983 to 2016: Risks assessment by gender and age groups. <i>Science of the Total Environment</i> , 2021 , 751, 142332	10.2	8
50	Carbonaceous particles emitted from cooking activities in Portugal. <i>Global Nest Journal</i> , 2014 , 16, 411-419	4.14	7
49	Aethalometer measurements in a road tunnel: A step forward in the characterization of black carbon emissions from traffic. <i>Science of the Total Environment</i> , 2020 , 703, 135483	10.2	7
48	Hopanoid hydrocarbons in PM10 from road tunnels in São Paulo, Brazil. <i>Air Quality, Atmosphere and Health</i> , 2017 , 10, 799-807	5.6	6
47	Passive monitoring of particulate matter and gaseous pollutants in Fogo Island, Cape Verde. <i>Atmospheric Research</i> , 2018 , 214, 250-262	5.4	6
46	Association between monthly-reported rhinitis by children from basic schools and monthly-averaged air pollutants, at Lisbon (Portugal). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2009 , 282, 15-20	1.5	6
45	Aerosol particle size distributions at a traffic exposed site and an urban background location in Oporto, Portugal. <i>Química Nova</i> , 2009 , 32, 928-933	1.6	6

44	Mineralogical, chemical and leaching characteristics of ashes from residential biomass combustion. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 22688-22703	5.1	5
43	Investigating PM10 episodes using levoglucosan as tracer. <i>Air Quality, Atmosphere and Health</i> , 2018 , 11, 61-68	5.6	5
42	Characterisation of the seasonal exposure to air pollutants for a respiratory epidemiological study. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2009 , 281, 219-223	1.5	5
41	Effects of air pollution on emergency admissions for chronic obstructive pulmonary diseases in Oporto, Portugal. <i>International Journal of Environment and Pollution</i> , 2005 , 23, 42	0.7	5
40	Settleable Dust and Bioburden in Portuguese Dwellings. <i>Microorganisms</i> , 2020 , 8,	4.9	5
39	Organic profiles of brake wear particles. <i>Atmospheric Research</i> , 2021 , 255, 105557	5.4	5
38	In vitro toxicity of indoor and outdoor PM from residential wood combustion. <i>Science of the Total Environment</i> , 2021 , 782, 146820	10.2	5
37	A short review on atmospheric cellulose. <i>Air Quality, Atmosphere and Health</i> , 2017 , 10, 669-678	5.6	4
36	Chemical composition of rainwater under two events of aerosol transport: A Saharan dust outbreak and wildfires. <i>Science of the Total Environment</i> , 2020 , 734, 139202	10.2	4
35	Case Studies of Source Apportionment and Suggested Measures at Southern European Cities. <i>Issues in Environmental Science and Technology</i> , 2016 , 168-263	0.7	4
34	Loading Rates of Dust and Bioburden in Dwellings in an Inland City of Southern Europe. <i>Atmosphere</i> , 2021 , 12, 378	2.7	4
33	Carbonaceous components and major ions in PM10 from the Amazonian Basin. <i>Atmospheric Research</i> , 2019 , 215, 75-84	5.4	4
32	Towards a model for aerosol removal by rain scavenging: The role of physical-chemical characteristics of raindrops. <i>Water Research</i> , 2021 , 190, 116758	12.5	4
31	Formaldeído em escolas: uma revisão. <i>Química Nova</i> , 2012 , 35, 2025-2039	1.6	3
30	AIRUSE-LIFE +: Estimation of natural source contributions to urban ambient air PM ₁₀ and PM _{2.5} concentrations in Southern Europe. Implications to compliance with limit values		3
29	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	5.3	3
28	One-year study of airborne sugar compounds: Cross-interpretation with other chemical species and meteorological conditions. <i>Atmospheric Research</i> , 2021 , 251, 105417	5.4	3
27	Fingerprinting and emission rates of particulate organic compounds from typical restaurants in Portugal. <i>Science of the Total Environment</i> , 2021 , 778, 146090	10.2	3

26	PM10-Bound Sugars: Chemical Composition, Sources and Seasonal Variations. <i>Atmosphere</i> , 2021 , 12, 194	2.7	3
25	Airborne particles in the Brazilian city of Sã Paulo: One-year investigation for the chemical composition and source apportionment 2017 ,		2
24	A wavelet-based approach applied to suspended particulate matter time series in Portugal. <i>Air Quality, Atmosphere and Health</i> , 2016 , 9, 847-859	5.6	2
23	Air quality of an urban school in Sã Paulo city. <i>Environmental Monitoring and Assessment</i> , 2019 , 191, 659	3.1	2
22	Molecular markers, essential oils and diagnostic parameters as indicators for assessing the origin and constitution of organic matter in atmospheric aerosols. <i>International Journal of Environment and Pollution</i> , 2008 , 32, 362	0.7	2
21	Determinaã de hidrocarbonetos voláteis e semi-voláteis na atmosfera. <i>Quimica Nova</i> , 2006 , 29, 477-488	1.6	2
20	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,	4.6	2
19	Impact of ironing on indoor particle levels and composition. <i>Building and Environment</i> , 2021 , 192, 107636.5	6.5	2
18	Characterisation of Airborne Particulate Matter in Different European Subway Systems 2017 ,		1
17	An intercomparison study of analytical methods used for quantification of levoglucosan in ambient aerosol filter samples 2014 ,		1
16	Children's exposure to size-fractionated particulate matter: Chemical composition and internal dose.. <i>Science of the Total Environment</i> , 2022 , 823, 153745	10.2	1
15	Dust Characterization and Its Potential Impact during the 2014-2015 Fogo Volcano Eruption (Cape Verde). <i>Minerals (Basel, Switzerland)</i> , 2021 , 11, 1275	2.4	1
14	Assessment of particulate matter levels and sources in a street canyon at Loures, Portugal - A case study of the REMEDIO project. <i>Atmospheric Pollution Research</i> , 2020 , 11, 1857-1869	4.5	1
13	Influence of Varieties and Organic Fertilizer in the Elaboration of a New Poplar-Straw Pellet and Its Emissions in a Domestic Boiler. <i>Energies</i> , 2020 , 13, 6332	3.1	1
12	Lung-deposited dose of particulate matter from residential exposure to smoke from wood burning. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 65385-65398	5.1	1
11	Interrelationships between major components of PM10 and sub-micron particles: Influence of Atlantic air masses. <i>Atmospheric Research</i> , 2018 , 212, 64-76	5.4	1
10	Air quality and particulate matter speciation in a beauty salon and surrounding outdoor environment: Exploratory study. <i>Atmospheric Pollution Research</i> , 2021 , 12, 101174	4.5	1
9	Morphological properties, chemical composition, cancer risks and toxicological potential of airborne particles from traffic and urban background sites. <i>Atmospheric Research</i> , 2021 , 264, 105837	5.4	1

8	Particulate matter-bound organic compounds: levels, mutagenicity, and health risks.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	o
7	Mutagenicity of PM10-bound PAHs from non-exhaust sources. <i>Air Quality, Atmosphere and Health</i> , 2022 , 15, 657	5.6	o
6	Contribution of coal combustion to black carbon: Coupling tracers with the aethalometer model. <i>Atmospheric Research</i> , 2022 , 267, 105980	5.4	o
5	In vitro toxicity of particulate matter emissions from residential pellet combustion.. <i>Journal of Environmental Sciences</i> , 2022 , 115, 215-226	6.4	o
4	Efficiency of Emission Reduction Technologies for Residential Biomass Combustion Appliances: Electrostatic Precipitator and Catalyst. <i>Energies</i> , 2022 , 15, 4066	3.1	o
3	Elemental characterisation of native lichens collected in an area affected by traditional charcoal production. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020 , 325, 293-302	1.5	
2	Analysis and interpretation of the monitoring data for C2 C11 hydrocarbons in the atmosphere of a rural Portuguese site. <i>International Journal of Environment and Pollution</i> , 2008 , 32, 341	0.7	
1	Cytotoxicity and mutagenicity of particulate matter from the open burning of pruning wastes. <i>Air Quality, Atmosphere and Health</i> , 2022 , 15, 299	5.6	