

Clia Alves

List of Publications by Year in Descending Order

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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	Particulate matter-bound organic compounds: levels, mutagenicity, and health risks.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	0
186	Mutagenicity of PM10-bound PAHs from non-exhaust sources. <i>Air Quality, Atmosphere and Health</i> , 2022 , 15, 657	5.6	0
185	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
184	Contribution of coal combustion to black carbon: Coupling tracers with the aethalometer model. <i>Atmospheric Research</i> , 2022 , 267, 105980	5.4	0
183	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	
182	In vitro toxicity of particulate matter emissions from residential pellet combustion.. <i>Journal of Environmental Sciences</i> , 2022 , 115, 215-226	6.4	0
181	Efficiency of Emission Reduction Technologies for Residential Biomass Combustion Appliances: Electrostatic Precipitator and Catalyst. <i>Energies</i> , 2022 , 15, 4066	3.1	0
180	Dust Characterization and Its Potential Impact during the 2014â2015 Fogo Volcano Eruption (Cape Verde). <i>Minerals (Basel, Switzerland)</i> , 2021 , 11, 1275	2.4	1
179	Loading Rates of Dust and Bioburden in Dwellings in an Inland City of Southern Europe. <i>Atmosphere</i> , 2021 , 12, 378	2.7	4
178	Impact of ironing on indoor particle levels and composition. <i>Building and Environment</i> , 2021 , 192, 107636	6.5	2
177	Organic profiles of brake wear particles. <i>Atmospheric Research</i> , 2021 , 255, 105557	5.4	5
176	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
175	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
174	Characterization of aerosol sources in LeÃ³n (Spain) using Positive Matrix Factorization and weather types. <i>Science of the Total Environment</i> , 2021 , 754, 142045	10.2	15
173	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
172	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
171	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

170	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
169	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
168	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
167	Road dust resuspension: A review. <i>Atmospheric Research</i> , 2021 , 261, 105740	5.4	12
166	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
165	PM10-Bound Sugars: Chemical Composition, Sources and Seasonal Variations. <i>Atmosphere</i> , 2021 , 12, 194	2.7	3
164	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	
163	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
162	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
161	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
160	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
159	Impact of vacuum cleaning on indoor air quality. <i>Building and Environment</i> , 2020 , 180, 107059	6.5	14
158	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
157	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
156	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
155	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
154	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
153	Indoor and outdoor air quality: A university cafeteria as a case study. <i>Atmospheric Pollution Research</i> , 2020 , 11, 531-544	4.5	15

152	Impact of wood combustion on indoor air quality. <i>Science of the Total Environment</i> , 2020 , 705, 135769	10.2	16
151	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
150	Settleable Dust and Bioburden in Portuguese Dwellings. <i>Microorganisms</i> , 2020 , 8,	4.9	5
149	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
148	Emissions from residential combustion of certified and uncertified pellets. <i>Renewable Energy</i> , 2020 , 161, 1059-1071	8.1	9
147	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
146	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
145	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
144	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
143	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
142	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
141	Emissions from residential pellet combustion of an invasive acacia species. <i>Renewable Energy</i> , 2019 , 140, 319-329	8.1	11
140	Air quality of an urban school in São Paulo city. <i>Environmental Monitoring and Assessment</i> , 2019 , 191, 659	3.1	2
139	Household Dust: Loadings and PM10-Bound Plasticizers and Polycyclic Aromatic Hydrocarbons. <i>Atmosphere</i> , 2019 , 10, 785	2.7	8
138	Carbonaceous components and major ions in PM10 from the Amazonian Basin. <i>Atmospheric Research</i> , 2019 , 215, 75-84	5.4	4
137	Chemical profiling of PM from urban road dust. <i>Science of the Total Environment</i> , 2018 , 634, 41-51	10.2	61
136	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
135	Organic compounds in particulate and gaseous phase collected in the neighbourhood of an industrial complex in São Paulo (Brazil). <i>Air Quality, Atmosphere and Health</i> , 2018 , 11, 271-283	5.6	17

134	Investigating PM10 episodes using levoglucosan as tracer. <i>Air Quality, Atmosphere and Health</i> , 2018 , 11, 61-68	5.6	5
133	An overview of particulate emissions from residential biomass combustion. <i>Atmospheric Research</i> , 2018 , 199, 159-185	5.4	135
132	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
131	Particulate and gaseous emissions from charcoal combustion in barbecue grills. <i>Fuel Processing Technology</i> , 2018 , 176, 296-306	7.2	30
130	Passive monitoring of particulate matter and gaseous pollutants in Fogo Island, Cape Verde. <i>Atmospheric Research</i> , 2018 , 214, 250-262	5.4	6
129	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
128	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
127	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
126	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
125	A short review on atmospheric cellulose. <i>Air Quality, Atmosphere and Health</i> , 2017 , 10, 669-678	5.6	4
124	Hopanoic hydrocarbons in PM10 from road tunnels in So Paulo, Brazil. <i>Air Quality, Atmosphere and Health</i> , 2017 , 10, 799-807	5.6	6
123	Indoor air quality during sleep under different ventilation patterns. <i>Atmospheric Pollution Research</i> , 2017 , 8, 1132-1142	4.5	50
122	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
121	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
120	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
119	Modelling indoor air quality: validation and sensitivity. <i>Air Quality, Atmosphere and Health</i> , 2017 , 10, 643-652	5.6	10
118	Airborne particles in the Brazilian city of So Paulo: One-year investigation for the chemical composition and source apportionment 2017 ,		2
117	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

116	Chemical composition of aerosol in S Paulo, Brazil: influence of the transport of pollutants. <i>Air Quality, Atmosphere and Health</i> , 2017 , 10, 457-468	5.6	13
115	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
114	Particulate pollutants in the Brazilian city of S Paulo: 1-year investigation for the chemical composition and source apportionment. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 11943-11969	6.8	52
113	AIRUSE-LIFE +: estimation of natural source contributions to urban ambient air PM₁₀ 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
112	Characterisation of Airborne Particulate Matter in Different European Subway Systems 2017 ,		1
111	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
110	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
109	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
108	Air quality in a school with dampness and mould problems. <i>Air Quality, Atmosphere and Health</i> , 2016 , 9, 107-115	5.6	21
107	Factors controlling air quality in different European subway systems. <i>Environmental Research</i> , 2016 , 146, 35-46	7.9	99
106	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
105	Mutagenicity assessment of aerosols in emissions from domestic combustion processes. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 10799-10807	5.1	16
104	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
103	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
102	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
101	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
100	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
99	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

98	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
97	Chemical characterisation of total suspended particulate matter from a remote area in Amazonia. <i>Atmospheric Research</i> , 2016 , 182, 102-113	5.4	16
96	Volatile organic compounds emitted by the stacks of restaurants. <i>Air Quality, Atmosphere and Health</i> , 2015 , 8, 401-412	5.6	16
95	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
94	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
93	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
92	Indoor aerosol size distributions in a gymnasium. <i>Science of the Total Environment</i> , 2015 , 524-525, 178-86	5.2	30
91	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
90	Association between atmospheric pollutants and hospital admissions in Lisbon. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 5500-10	5.1	26
89	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
88	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
87	Exposure and dose assessment to particle components among an elderly population. <i>Atmospheric Environment</i> , 2015 , 102, 156-166	5.3	26
86	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
85	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
84	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
83	Sugar markers in aerosol particles from an agro-industrial region in Brazil. <i>Atmospheric Environment</i> , 2014 , 90, 106-112	5.3	37
82	VOC emissions from residential combustion of Southern and mid-European woods. <i>Atmospheric Environment</i> , 2014 , 83, 90-98	5.3	48
81	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

80	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
79	Organic characterisation of PM10 in Cape Verde under Saharan dust influxes. <i>Atmospheric Environment</i> , 2014 , 89, 425-432	5.3	15
78	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
77	Characterization of operating conditions of two residential wood combustion appliances. <i>Fuel Processing Technology</i> , 2014 , 126, 222-232	7.2	36
76	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
75	An intercomparison study of analytical methods used for quantification of levoglucosan in ambient aerosol filter samples 2014 ,		1
74	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
73	Carbonaceous particles emitted from cooking activities in Portugal. <i>Global Nest Journal</i> , 2014 , 16, 411-419	4	7
72	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
71	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, 345-361	5.4	50
70	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
69	VOC emissions of smouldering combustion from Mediterranean wildfires in central Portugal. <i>Atmospheric Environment</i> , 2013 , 64, 339-348	5.3	38
68	Research on aerosol sources and chemical composition: Past, current and emerging issues. <i>Atmospheric Research</i> , 2013 , 120-121, 1-28	5.4	230
67	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
66	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
65	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
64	Comfort Parameters and Particulate Matter (PM10 and PM2.5) in School Classrooms and Outdoor Air. <i>Aerosol and Air Quality Research</i> , 2013 , 13, 1521-1535	4.6	48
63	Indoor Air Quality in Two University Sports Facilities. <i>Aerosol and Air Quality Research</i> , 2013 , 13, 1723-1730	4.6	27

62	Mutagenicity assessment of aerosols in emissions from wood combustion in Portugal. <i>Environmental Pollution</i> , 2012 , 166, 172-81	9.3	29
61	Inventory of fine particulate organic compound emissions from residential wood combustion in Portugal. <i>Atmospheric Environment</i> , 2012 , 50, 297-306	5.3	57
60	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
59	Organic speciation of aerosols from wildfires in central Portugal during summer 2009. <i>Atmospheric Environment</i> , 2012 , 57, 186-196	5.3	35
58	Organic compounds in aerosols from selected European sites – Biogenic versus anthropogenic sources. <i>Atmospheric Environment</i> , 2012 , 59, 243-255	5.3	50
57	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
56	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
55	Formaldeído em escolas: uma revisã. <i>Quimica Nova</i> , 2012 , 35, 2025-2039	1.6	3
54	Indoor air quality in primary schools. <i>International Journal of Environment and Pollution</i> , 2012 , 50, 396	0.7	24
53	Fireplace and woodstove fine particle emissions from combustion of western Mediterranean wood types. <i>Atmospheric Research</i> , 2011 , 101, 692-700	5.4	69
52	Organic particulate emissions from field burning of garden and agriculture residues. <i>Atmospheric Research</i> , 2011 , 101, 666-680	5.4	32
51	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
50	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
49	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
48	Summer 2009 wildfires in Portugal: Emission of trace gases and aerosol composition. <i>Atmospheric Environment</i> , 2011 , 45, 641-649	5.3	70
47	Children exposure to atmospheric particles in indoor of Lisbon primary schools. <i>Atmospheric Environment</i> , 2011 , 45, 7594-7599	5.3	167
46	Organic compounds in PM _{2.5} emitted from fireplace and woodstove combustion of typical Portuguese wood species. <i>Atmospheric Environment</i> , 2011 , 45, 4533-4545	5.3	90
45	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

44	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
43	Emission factors from residential combustion appliances burning Portuguese biomass fuels. <i>Journal of Environmental Monitoring</i> , 2011 , 13, 3196-206		28
42	Indoor air quality in elementary schools of Lisbon in spring. <i>Environmental Geochemistry and Health</i> , 2011 , 33, 455-68	4.7	90
41	Seasonal evaluation of outdoor/indoor air quality in primary schools in Lisbon. <i>Journal of Environmental Monitoring</i> , 2011 , 13, 657-67		54
40	Air pollution and emergency admissions for cardiorespiratory diseases in Lisbon (Portugal). <i>Quimica Nova</i> , 2010 , 33, 337-344	1.6	25
39	Organic speciation of atmospheric particles in Alvõ Natural Park (Portugal). <i>Environmental Monitoring and Assessment</i> , 2010 , 168, 321-37	3.1	14
38	Particulate organic compounds emitted from experimental wildland fires in a Mediterranean ecosystem. <i>Atmospheric Environment</i> , 2010 , 44, 2750-2759	5.3	52
37	Smoke emissions from biomass burning in a Mediterranean shrubland. <i>Atmospheric Environment</i> , 2010 , 44, 3024-3033	5.3	86
36	Characterisation of PM10 emissions from woodstove combustion of common woods grown in Portugal. <i>Atmospheric Environment</i> , 2010 , 44, 4474-4480	5.3	106
35	Outdoor/indoor air quality in primary schools in Lisbon: a preliminary study. <i>Quimica Nova</i> , 2010 , 33, 1145-1149	5.1	70
34	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
33	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
32	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
31	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
30	Photochemical pollution in a rural mountainous area in the northeast of Portugal. <i>Atmospheric Research</i> , 2009 , 92, 151-158	5.4	23
29	Aerosol particle size distributions at a traffic exposed site and an urban background location in Oporto, Portugal. <i>Quimica Nova</i> , 2009 , 32, 928-933	1.6	6
28	Chemical composition of atmospheric aerosols during the 2003 summer intense forest fire period. <i>Atmospheric Environment</i> , 2008 , 42, 7530-7543	5.3	192
27	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	

26	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
25	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
24	Seasonal variation of particulate lipophilic organic compounds at nonurban sites in Europe. <i>Journal of Geophysical Research</i> , 2007 , 112,		29
23	Size distribution of atmospheric particulate ionic species at a coastal site in Portugal. <i>Quimica Nova</i> , 2007 , 30, 1938-1944	1.6	13
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