

Carlos Borrego

List of Publications by Year in descending order

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166
papers

4,458
citations

81743

39
h-index

133063

59
g-index

172
all docs

172
docs citations

172
times ranked

5140
citing authors

#	ARTICLE	IF	CITATIONS
1	Tourism and Air Quality: Factors Influencing the Role of Air Quality in Visitors Travel Planning. <i>Tourism Planning and Development</i> , 2024, 21, 20-40.	1.3	3
2	pollution and respiratory diseases: Perspectives from Angola, Brazil, Canada, Iran, Mozambique and Portugal. <i>Pulmonology</i> , 2022, 28, 376-395.	1.0	11
3	How can the built environment affect the impact of autonomous vehiclesâ€™ operational behaviour on air quality?. <i>Journal of Environmental Management</i> , 2022, 315, 115154.	3.8	4
4	Worldwide Evaluation of CAMS-EGG4 CO2 Data Re-Analysis at the Surface Level. <i>Toxics</i> , 2022, 10, 331.	1.6	1
5	The impact of air quality on tourism: a systematic literature review. <i>Journal of Tourism Futures</i> , 2021, 7, 111-130.	2.3	27
6	Improving the design of an open auditorium: On the relationship between flow dynamics and building arrangement. <i>Sustainable Cities and Society</i> , 2021, 64, 102513.	5.1	4
7	High-Resolution Analysis of Wind Flow Behavior on Ship Stacks Configuration: A Portuguese Case Study. <i>Atmosphere</i> , 2021, 12, 303.	1.0	1
8	Emission inventory for harbour-related activities: comparison of two distinct bottom-up methodologies. <i>Air Quality, Atmosphere and Health</i> , 2021, 14, 831-842.	1.5	10
9	Assessing Douro Vineyards Exposure to Tropospheric Ozone. <i>Atmosphere</i> , 2021, 12, 200.	1.0	8
10	Tourism and Air Quality during COVID-19 Pandemic: Lessons for the Future. <i>Sustainability</i> , 2021, 13, 3906.	1.6	10
11	Estimating emissions from tourism activities. <i>Atmospheric Environment</i> , 2020, 220, 117048.	1.9	33
12	Impact of harbour activities on local air quality: A review. <i>Environmental Pollution</i> , 2020, 257, 113542.	3.7	66
13	Re-Naturing Cities: Evaluating the effects on future air quality in the city of Porto. <i>Atmospheric Environment</i> , 2020, 222, 117123.	1.9	5
14	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
15	Application of SUEWS model forced with WRF: Energy fluxes validation in urban and suburban Portuguese areas. <i>Urban Climate</i> , 2020, 33, 100662.	2.4	10
16	Climate-Change Adaptation Framework for Multiple Urban Areas in Northern Portugal. <i>Environmental Management</i> , 2020, 66, 395-406.	1.2	9
17	Comparison of Methodologies for Assessing Desert Dust Contribution to Regional PM10 and PM2.5 Levels: A One-Year Study Over Portugal. <i>Atmosphere</i> , 2020, 11, 134.	1.0	12
18	Autonomous vehicles opportunities for cities air quality. <i>Science of the Total Environment</i> , 2020, 712, 136546.	3.9	50

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19	Modelling of Regional Economic Metabolism. <i>Climate</i> , 2020, 8, 52.	1.2	0
20	Analysis of regional economic metabolism through modeling. <i>Energy Reports</i> , 2020, 6, 102-107.	2.5	6
21	Spatial analysis of aerosol optical depth obtained by air quality modelling and SEVIRI satellite observations over Portugal. <i>Atmospheric Pollution Research</i> , 2019, 10, 234-243.	1.8	3
22	Integrating road traffic externalities through a sustainability indicator. <i>Science of the Total Environment</i> , 2019, 691, 483-498.	3.9	38
23	Assessment of source contribution to air quality in an urban area close to a harbor: Case-study in Porto, Portugal. <i>Science of the Total Environment</i> , 2019, 662, 347-360.	3.9	38
24	Performance assessment of CHIMERE and EURAD-IMâ€™ dust modules. <i>Atmospheric Pollution Research</i> , 2019, 10, 1336-1346.	1.8	15
25	Assessing the importance of transportation activity data for urban emission inventories. <i>Transportation Research, Part D: Transport and Environment</i> , 2018, 62, 27-35.	3.2	22
26	Emissions from residential combustion sector: how to build a high spatially resolved inventory. <i>Air Quality, Atmosphere and Health</i> , 2018, 11, 259-270.	1.5	12
27	How economic crisis influence air quality over Portugal (Lisbon and Porto)? <i>Atmospheric Pollution Research</i> , 2018, 9, 439-445.	1.8	20
28	How healthy will be the air quality in 2050?. <i>Air Quality, Atmosphere and Health</i> , 2018, 11, 353-362.	1.5	12
29	Influence of different complexity levels of road traffic models on air quality modelling at street scale. <i>Air Quality, Atmosphere and Health</i> , 2018, 11, 1217-1232.	1.5	20
30	Adaptation to Climate Change at Local Scale: A CFD Study in Porto Urban Area. , 2018, , .		3
31	Impacts of green infrastructures on aerodynamic flow and air quality in Porto's urban area. <i>Atmospheric Environment</i> , 2018, 190, 317-330.	1.9	54
32	How important are maritime emissions for the air quality: At European and national scale. <i>Environmental Pollution</i> , 2018, 242, 565-575.	3.7	44
33	Numerical and physical assessment of control measures to mitigate fugitive dust emissions from harbor activities. <i>Air Quality, Atmosphere and Health</i> , 2018, 11, 493-504.	1.5	16
34	Long-term monitoring of trace metals in PM10 and total gaseous mercury in the atmosphere of Porto, Portugal. <i>Atmospheric Pollution Research</i> , 2017, 8, 535-544.	1.8	19
35	Case Studies: Modeling the Atmospheric Benefits of Urban Greening. <i>Future City</i> , 2017, , 89-99.	0.2	0
36	A cost-efficiency and health benefit approach to improve urban air quality. <i>Science of the Total Environment</i> , 2016, 569-570, 342-351.	3.9	35

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37	Assessment of health benefits related to air quality improvement strategies in urban areas: An Impact Pathway Approach. <i>Journal of Environmental Management</i> , 2016, 183, 694-702.	3.8	33
38	Influence of urban resilience measures in the magnitude and behaviour of energy fluxes in the city of Porto (Portugal) under a climate change scenario. <i>Science of the Total Environment</i> , 2016, 566-567, 1500-1510.	3.9	32
39	Air quality plan for ozone: an urgent need for North Portugal. <i>Air Quality, Atmosphere and Health</i> , 2016, 9, 447-460.	1.5	21
40	Climate change and pollutant emissions impacts on air quality in 2050 over Portugal. <i>Atmospheric Environment</i> , 2016, 131, 209-224.	1.9	37
41	Urban scale air quality modelling using detailed traffic emissions estimates. <i>Atmospheric Environment</i> , 2016, 131, 341-351.	1.9	45
42	Long-term monitoring and seasonal analysis of polycyclic aromatic hydrocarbons (PAHs) measured over a decade in the ambient air of Porto, Portugal. <i>Science of the Total Environment</i> , 2016, 543, 439-448.	3.9	68
43	Evaluating strategies to reduce urban air pollution. <i>Atmospheric Environment</i> , 2016, 127, 196-204.	1.9	44
44	Air Quality Modelling to Support Decision-Making: Scenario and Optimization Approaches. <i>Springer Proceedings in Complexity</i> , 2016, , 161-165.	0.2	1
45	How does the use of biodiesel affect urban air quality?. <i>International Journal of Environment and Pollution</i> , 2015, 58, 79.	0.2	2
46	Current air quality plans in Europe designed to support air quality management policies. <i>Atmospheric Pollution Research</i> , 2015, 6, 434-443.	1.8	77
47	Meteorological driven changes on air quality over Portugal: a KZ filter application. <i>Atmospheric Pollution Research</i> , 2015, 6, 979-989.	1.8	33
48	Challenges for a New Air Quality Directive: The role of monitoring and modelling techniques. <i>Urban Climate</i> , 2015, 14, 328-341.	2.4	28
49	Effects of moisture content on wind erosion thresholds of biochar. <i>Atmospheric Environment</i> , 2015, 123, 121-128.	1.9	23
50	Long-time monitoring of polychlorinated dibenzo-p-dioxins and dibenzofurans over a decade in the ambient air of Porto, Portugal. <i>Chemosphere</i> , 2015, 137, 207-213.	4.2	18
51	Impact of forest biomass residues to the energy supply chain on regional air quality. <i>Science of the Total Environment</i> , 2015, 505, 640-648.	3.9	34
52	Seasonal patterns of Saharan dust over Cape Verde – a combined approach using observations and modelling. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2015, 67, 24410.	0.8	37
53	Children's exposure to traffic-related pollution: assessment of CO exposure in a typical school day. <i>International Journal of Environment and Pollution</i> , 2014, 55, 104.	0.2	3
54	Integrating Health on Air Quality Assessment – Review Report on Health Risks of Two Major European Outdoor Air Pollutants: PM and NO ₂ . <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2014, 17, 307-340.	2.9	138

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55	Emissions characterization from EURO 5 diesel/biodiesel passenger car operating under the new European driving cycle. <i>Atmospheric Environment</i> , 2014, 84, 339-348.	1.9	53
56	Area burned in Portugal over recent decades: an extreme value analysis. <i>International Journal of Wildland Fire</i> , 2014, 23, 812.	1.0	12
57	Individual Exposure to Air Pollutants in a Portuguese Urban Industrialized Area. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 888-899.	1.1	11
58	Assessment of potential improvements on regional air quality modelling related with implementation of a detailed methodology for traffic emission estimation. <i>Science of the Total Environment</i> , 2014, 470-471, 127-137.	3.9	45
59	The EFFIS forest fire atmospheric emission model: Application to a major fire event in Portugal. <i>Atmospheric Environment</i> , 2014, 84, 355-362.	1.9	8
60	Air Pollution and Health Effects. , 2014, , 1-13.		2
61	Merging the Gap Between Meso and Micro Scales: Enhanced Inflow Boundary Conditions for CFD Modeling of Urban Air Quality. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , 2014, , 637-641.	0.1	0
62	Air Quality Modelling and Its Applications. , 2014, , 45-56.		0
63	Modelling the Effects of Urban Morphology, Traffic and Pedestrian Dynamics on Students's™ Exposure to Air Pollution. <i>Springer Proceedings in Complexity</i> , 2014, , 355-360.	0.2	0
64	Reducing Emissions of Atmospheric Pollutants. , 2014, , 469-478.		0
65	The role of transboundary air pollution over Galicia and North Portugal area. <i>Environmental Science and Pollution Research</i> , 2013, 20, 2924-2936.	2.7	9
66	Ensemble Techniques to Improve Air Quality Assessment: Focus on O3 and PM. <i>Environmental Modeling and Assessment</i> , 2013, 18, 249-257.	1.2	11
67	Analysis of long-range transport of aerosols for Portugal using 3D chemical transport model and satellite measurements. <i>Atmospheric Environment</i> , 2013, 64, 229-241.	1.9	8
68	A comparative analysis of two highly spatially resolved European atmospheric emission inventories. <i>Atmospheric Environment</i> , 2013, 75, 43-57.	1.9	36
69	Air quality assessment of Estarreja, an urban industrialized area, in a coastal region of Portugal. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 5847-5860.	1.3	18
70	CFD modelling of the aerodynamic effect of trees on urban air pollution dispersion. <i>Science of the Total Environment</i> , 2013, 461-462, 541-551.	3.9	186
71	Bias Correction Techniques to Improve Air Quality Ensemble Predictions: Focus on O3 and PM Over Portugal. <i>Environmental Modeling and Assessment</i> , 2013, 18, 533-546.	1.2	27
72	Pedestrian Exposure to Air Pollution in Cities: Modeling the Effect of Roadside Trees. <i>Advances in Meteorology</i> , 2013, 2013, 1-7.	0.6	27

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73	EMISSION MODELLING OF HAZARDOUS AIR POLLUTANTS FROM ROAD TRANSPORT AT URBAN SCALE. Transport, 2012, 27, 299-306.	0.6	20
74	The ACCENT-protocol: a framework for benchmarking and model evaluation. Geoscientific Model Development, 2012, 5, 611-618.	1.3	12
75	Plans and programmes to improve air quality over Portugal: a numerical modelling approach. International Journal of Environment and Pollution, 2012, 48, 60.	0.2	17
76	Children exposure to PM levels in a typical school morning. , 2012, , .		2
77	Reducing NO2 Pollution over Urban Areas: Air Quality Modelling as a Fundamental Management Tool. Water, Air, and Soil Pollution, 2012, 223, 5307-5320.	1.1	13
78	Wildland Smoke Exposure Values and Exhaled Breath Indicators in Firefighters. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 831-843.	1.1	43
79	Particulate Matter and Exposure Modelling in Europe. Handbook of Environmental Chemistry, 2012, , 259-273.	0.2	0
80	Particulate Matter and Health Risk under a Changing Climate: Assessment for Portugal. Scientific World Journal, The, 2012, 2012, 1-10.	0.8	21
81	Urban Structure and Air Quality. , 2012, , .		4
82	Airways changes related to air pollution exposure in wheezing children. European Respiratory Journal, 2012, 39, 246-253.	3.1	67
83	Investigating a high ozone episode in a rural mountain site. Environmental Pollution, 2012, 162, 176-189.	3.7	49
84	Air quality simulations for North America - MM5â€“CAMx modelling performance for main gaseous pollutants. Atmospheric Environment, 2012, 53, 212-224.	1.9	14
85	Trends in ozone concentrations in the Iberian Peninsula by quantile regression and clustering. Atmospheric Environment, 2012, 56, 184-193.	1.9	25
86	Impact of forest fires on particulate matter and ozone levels during the 2003, 2004 and 2005 fire seasons in Portugal. Science of the Total Environment, 2012, 414, 53-62.	3.9	45
87	Detailed modelling of the wind comfort in a city avenue at the pedestrian level. , 2012, , .		5
88	Modelling of tree-induced effects on pedestrian exposure to road traffic pollution. WIT Transactions on the Built Environment, 2012, , .	0.0	3
89	A contribution to air quality management in urban industrialized areas. , 2012, , .		1
90	Modelling the exposure of firefighters to smoke based on measured data. WIT Transactions on Ecology and the Environment, 2012, , .	0.0	2

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91	Recommendations for the spatial assessment of air quality resulting from the FP6 EU project Air4EU. International Journal of Environment and Pollution, 2011, 44, 128.	0.2	1
92	COST 732 in practice: the MUST model evaluation exercise. International Journal of Environment and Pollution, 2011, 44, 403.	0.2	67
93	Impact of land use on urban mobility patterns, emissions and air quality in a Portuguese medium-sized city. Science of the Total Environment, 2011, 409, 1154-1163.	3.9	66
94	Forest fires in a changing climate and their impacts on air quality. Atmospheric Environment, 2011, 45, 5545-5553.	1.9	66
95	How bias-correction can improve air quality forecasts over Portugal. Atmospheric Environment, 2011, 45, 6629-6641.	1.9	50
96	Numerical Model Inter-comparison for Wind Flow and Turbulence Around Single-Block Buildings. Environmental Modeling and Assessment, 2011, 16, 169-181.	1.2	40
97	Fire weather risk assessment under climate change using a dynamical downscaling approach. Environmental Modelling and Software, 2011, 26, 1123-1133.	1.9	44
98	Impact of urban planning alternatives on air quality: URBAIR model application. , 2011, , .		4
99	High Ozone Levels in a Rural Mountainous Area: Where Does It Come from?. NATO Science for Peace and Security Series C: Environmental Security, 2011, , 161-167.	0.1	0
100	The impact of spatial resolution on area burned and fire occurrence projections in Portugal under climate change. Climatic Change, 2010, 98, 177-197.	1.7	86
101	Determination of background concentrations for air quality models using spectral analysis and filtering of monitoring data. Atmospheric Environment, 2010, 44, 106-114.	1.9	47
102	Modelling the photochemical pollution over the metropolitan area of Porto Alegre, Brazil. Atmospheric Environment, 2010, 44, 370-380.	1.9	11
103	Contribution of residential wood combustion to PM10 levels in Portugal. Atmospheric Environment, 2010, 44, 642-651.	1.9	59
104	High ozone levels in the northeast of Portugal: Analysis and characterization. Atmospheric Environment, 2010, 44, 1020-1031.	1.9	48
105	Transport impacts on atmosphere and climate: Land transport. Atmospheric Environment, 2010, 44, 4772-4816.	1.9	285
106	Climate-driven changes in air quality over Europe by the end of the 21st century, with special reference to Portugal. Environmental Science and Policy, 2010, 13, 445-458.	2.4	54
107	Monitoring of firefighters exposure to smoke during fire experiments in Portugal. Environment International, 2010, 36, 736-745.	4.8	50
108	Frequency analysis of air quality time series for traffic related pollutants. Journal of Environmental Monitoring, 2010, 12, 544-550.	2.1	40

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109	Air quality modelling as a tool for sustainable urban traffic management. WIT Transactions on Ecology and the Environment, 2010, , .	0.0	4
110	Numerical modelling of 2003 summer forest fire impacts on air quality over Portugal. , 2010, , .		3
111	Costs and externalities of road transport in Portugal. WIT Transactions on the Built Environment, 2010, , .	0.0	1
112	Monitoring fire-fighters's smoke exposure and related health effects during Gestosa experimental fires. , 2010, , .		1
113	Forecasting human exposure to atmospheric pollutants in Portugal " A modelling approach. Atmospheric Environment, 2009, 43, 5796-5806.	1.9	25
114	Influence of Thermal Effects on the Wind Field Within the Urban Environment. Boundary-Layer Meteorology, 2009, 131, 223-243.	1.2	27
115	Lisbon air quality: evaluating traffic hot-spots. International Journal of Environment and Pollution, 2009, 39, 306.	0.2	15
116	Effects of road traffic scenarios on human exposure to air pollution. , 2009, , .		2
117	Health impact assessment of exposure to inhalable particles in Lisbon Metropolitan Area. WIT Transactions on Biomedicine and Health, 2009, , .	0.0	1
118	Photochemical Air Pollution Modeling. , 2009, , 269-285.		0
119	Procedures for estimation of modelling uncertainty in air quality assessment. Environment International, 2008, 34, 613-620.	4.8	96
120	Fire activity in Portugal and its relationship to weather and the Canadian Fire Weather Index System. International Journal of Wildland Fire, 2008, 17, 328.	1.0	129
121	A Gaussian puff model with optimal interpolation for air pollution modelling assessment. International Journal of Environment and Pollution, 2008, 35, 111.	0.2	6
122	Linking Urban Structure and Air Quality. , 2008, , .		0
123	Forest Fires Impact on Air Quality over Portugal. NATO Security Through Science Series C: Environmental Security, 2008, , 190-198.	0.1	9
124	The role of PM10 in air quality and exposure in urban areas. , 2008, , .		4
125	An operational dropping model towards efficient aerial firefighting. , 2008, , .		1
126	Numerical modelling of the impact of wildland-urban interface fires on Coimbra air quality. , 2008, , .		2

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127	Estimation of the Modelling Uncertainty Related with Stochastic Processes. NATO Security Through Science Series C: Environmental Security, 2008, , 461-469.	0.1	0
128	Chapter 5.6 Long-term aerosol simulation for Portugal using the CHIMERE model. Developments in Environmental Science, 2007, , 534-547.	0.5	0
129	Monitoring of ambient air PCDD/F levels in Portugal. Chemosphere, 2007, 67, 1715-1721.	4.2	53
130	Air quality impact due to scrap-metal handling on a sea port: A wind tunnel experiment. Atmospheric Environment, 2007, 41, 6396-6405.	1.9	9
131	Long-term assessment of particulate matter using CHIMERE model. Atmospheric Environment, 2007, 41, 7726-7738.	1.9	48
132	Air quality assessment for Portugal. Science of the Total Environment, 2007, 373, 22-31.	3.9	53
133	RISK AND EMERGENCY MODELLING FOR ENVIRONMENTAL SECURITY: GENERAL ASPECTS. , 2007, , 1-13.		2
134	Local-scale modelling system to simulate smoke dispersion. International Journal of Wildland Fire, 2007, 16, 196.	1.0	12
135	Air pollution and child respiratory diseases: the Viseu case study, Portugal. WIT Transactions on Ecology and the Environment, 2007, , .	0.0	1
136	Application of TAPM to predict photochemical air pollution over Portugal. WIT Transactions on Ecology and the Environment, 2007, , .	0.0	0
137	How urban structure can affect city sustainability from an air quality perspective. Environmental Modelling and Software, 2006, 21, 461-467.	1.9	165
138	Influence of topography and land use on pollutants dispersion in the Atlantic coast of Iberian Peninsula. Atmospheric Environment, 2006, 40, 3969-3982.	1.9	63
139	Traffic-related particulate air pollution exposure in urban areas. Atmospheric Environment, 2006, 40, 7205-7214.	1.9	59
140	Impact of medical waste incineration in the atmospheric PCDD/F levels of Porto, Portugal. Science of the Total Environment, 2006, 362, 157-165.	3.9	28
141	Air Quality Modelling Application to Evaluate Effects of PM Air Concentrations on Urban Population Exposure.. Epidemiology, 2006, 17, S252-S253.	1.2	5
142	National emissions ceilings for 2005 and 2010 and their impact on Portuguese air quality. WIT Transactions on Ecology and the Environment, 2006, , .	0.0	0
143	Simulation of the plume emitted by a municipal waste incinerator in Madeira Island. International Journal of Environment and Pollution, 2005, 24, 218.	0.2	0
144	Air pollution forecast in Portugal: a demand from the new air quality framework directive. International Journal of Environment and Pollution, 2005, 25, 4.	0.2	26

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145	Portuguese industry and the EU trade emissions directive: development and analysis of CO2 emission scenarios. <i>Environmental Science and Policy</i> , 2005, 8, 75-84.	2.4	9
146	Pesticides in Esteros del Ibera (AR): evaluation of impacts and proposal of guidelines for water quality protection. <i>Ecological Modelling</i> , 2005, 186, 85-97.	1.2	20
147	Long-term simulations of photo oxidant pollution over Portugal using the CHIMERE model. <i>Atmospheric Environment</i> , 2005, 39, 3089-3101.	1.9	46
148	Smoke measurements during Gestosa-2002 experimental field fires. <i>International Journal of Wildland Fire</i> , 2005, 14, 107.	1.0	48
149	INTEGRATED MODELING OF ROAD TRAFFIC EMISSIONS: APPLICATION TO LISBON AIR QUALITY MANAGEMENT. <i>Cybernetics and Systems</i> , 2004, 35, 535-548.	1.6	27
150	Emission and dispersion modelling of Lisbon air quality at local scale. <i>Atmospheric Environment</i> , 2003, 37, 5197-5205.	1.9	101
151	Urban Photochemical Pollution in the Iberian Peninsula: Lisbon and Barcelona Airsheds. <i>Journal of the Air and Waste Management Association</i> , 2003, 53, 347-359.	0.9	56
152	Air quality management in Portugal: example of needs and available tools. <i>Environmental Pollution</i> , 2002, 120, 115-123.	3.7	13
153	Influence of Traffic Emissions Estimation Variability on Urban Air Quality Modelling. <i>Water, Air and Soil Pollution</i> , 2002, 2, 487-499.	0.8	9
154	Atmospheric baseline levels of PCDD and PCDF in the region of Oporto. <i>Chemosphere</i> , 2001, 43, 497-500.	4.2	7
155	Climate Change and Fire Weather Risk. , 2001, , 555-565.		2
156	A modelling system for air quality management. <i>International Journal of Environment and Pollution</i> , 2000, 14, 607.	0.2	1
157	Importance of handling organic atmospheric pollutants for assessing air quality. <i>Journal of Chromatography A</i> , 2000, 889, 271-279.	1.8	16
158	Impact of road traffic emissions on air quality of the Lisbon region. <i>Atmospheric Environment</i> , 2000, 34, 4683-4690.	1.9	52
159	Atmospheric impact assessment and monitoring of dioxin emissions of municipal solid waste incinerators in Portugal. <i>Chemosphere</i> , 1998, 37, 2119-2126.	4.2	18
160	Introduction of a Forest Fire Effect in a Mesoscale Dispersion Model. , 1998, , 419-428.		0
161	Intercomparison of two meso-meteorological models applied to the Lisbon region. <i>Meteorology and Atmospheric Physics</i> , 1995, 57, 21-29.	0.9	7
162	Forest fire emissions in Portugal: A contribution to global warming?. <i>Environmental Pollution</i> , 1994, 83, 121-123.	3.7	41

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163	Water, air and soil pollution problems in Portugal. Science of the Total Environment, 1993, 129, 55-70.	3.9	4
164	Introduction of terrain roughness effects into a Gaussian dispersion model. Science of the Total Environment, 1990, 99, 153-161.	3.9	3
165	Air Quality Plans for the Northern Region of Portugal: Improving Particulate Matter and Coping with Legislation. , 0, , .		3
166	The air pollution modelling system URBAIR: how to use a Gaussian model to accomplish high spatial and temporal resolutions. Air Quality, Atmosphere and Health, 0, , 1.	1.5	2