Joana Ferreira

List of Publications by Year in descending order

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71 papers	1,850 citations	279798 23 h-index	289244 40 g-index
75 all docs	75 docs citations	75 times ranked	2258 citing authors

#	Article	IF	Citations
1	PM10 exposure interacts with abdominal obesity to increase blood triglycerides: a cross-sectional linkage study. European Journal of Public Health, 2022, 32, 281-288.	0.3	5
2	Combined Effect of High-Resolution Land Cover and Grid Resolution on Surface NO2 Concentrations. Climate, 2022, 10, 19.	2.8	3
3	Scenario analysis of strategies to control air pollution. Urban Climate, 2022, 44, 101201.	5.7	7
4	How changing climate may influence air pollution control strategies for 2030?. Science of the Total Environment, 2021, 758, 143911.	8.0	25
5	Impacts of nature-based solutions on the urban atmospheric environment: a case study for Eindhoven, The Netherlands. Urban Forestry and Urban Greening, 2021, 57, 126870.	5.3	14
6	Exposure to ambient particulate matter increases blood count parameters with potential to mediate a cardiovascular event: results from a population-based study in Portugal. Air Quality, Atmosphere and Health, 2021, 14, 1189-1202.	3.3	1
7	Emission Inventories and Particulate Matter Air Quality Modeling over the Pearl River Delta Region. International Journal of Environmental Research and Public Health, 2021, 18, 4155.	2.6	7
8	Analysis of spatial factors, time-activity and infiltration on outdoor generated PM2.5 exposures of school children in five European cities. Science of the Total Environment, 2021, 785, 147111.	8.0	16
9	Evaluation of receptor and chemical transport models for PM10 source apportionment. Atmospheric Environment: X, 2020, 5, 100053.	1.4	41
10	Short and medium- to long-term impacts of nature-based solutions on urban heat. Sustainable Cities and Society, 2020, 57, 102122.	10.4	36
11	Modelling air quality levels of regulated metals: limitations and challenges. Environmental Science and Pollution Research, 2020, 27, 33916-33928.	5.3	20
12	Spatial analysis of aerosol optical depth obtained by air quality modelling and SEVIRI satellite observations over Portugal. Atmospheric Pollution Research, 2019, 10, 234-243.	3.8	3
13	The challenges of air quality modelling when crossing multiple spatial scales. Air Quality, Atmosphere and Health, 2019, 12, 1003-1017.	3.3	7
14	Weather research and forecasting model simulations over the Pearl River Delta Region. Air Quality, Atmosphere and Health, 2019, 12, 115-125.	3.3	8
15	ASSESSMENT OF SOURCE CONTRIBUTIONS TO THE URBAN AIR QUALITY FOR THE BRISTOL CLAIRCITY PILOT CASE. WIT Transactions on Ecology and the Environment, 2019, , .	0.0	2
16	USING AIR QUALITY MODELLING AND EMISSION PROJECTIONS AS A SUPPORT TO THE FIRST AIR POLLUTION CONTROL PROGRAM UNDER NEC DIRECTIVE TARGETS FOR 2030. , 2019, , .		3
17	URBAN MOBILITY STRATEGIES TO IMPROVE LOCAL AIR QUALITY: CASE STUDY OF LISBON, PORTUGAL. WIT Transactions on Ecology and the Environment, 2019, , .	0.0	1
18	Shipping emissions over Europe: A state-of-the-art and comparative analysis. Atmospheric Environment, 2018, 177, 187-194.	4.1	48

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19	Emissions from residential combustion sector: how to build a high spatially resolved inventory. Air Quality, Atmosphere and Health, 2018, 11, 259-270.	3.3	12
20	Air pollution: A public health approach for Portugal. Science of the Total Environment, 2018, 643, 1041-1053.	8.0	39
21	IMPROVING AIR QUALITY AND HUMAN HEALTH: AN APPROACH BASED ON ARTIFICIAL NEURAL NETWORKS. WIT Transactions on Ecology and the Environment, 2018, , .	0.0	0
22	National emission ceilings in Portugalâ€"trends, compliance and projections. Air Quality, Atmosphere and Health, 2017, 10, 1089-1096.	3.3	6
23	IDENTIFICATION AND ANALYSIS OF SOURCE CONTRIBUTIONS TO THE AIR QUALITY IN THE AMSTERDAM REGION. WIT Transactions on Ecology and the Environment, 2017, , .	0.0	2
24	A cost-efficiency and health benefit approach to improve urban air quality. Science of the Total Environment, 2016, 569-570, 342-351.	8.0	35
25	Ammonia agriculture emissions: From EMEP to a high resolution inventory. Atmospheric Pollution Research, 2016, 7, 786-798.	3.8	16
26	Assessment of health benefits related to air quality improvement strategies in urban areas: An Impact Pathway Approach. Journal of Environmental Management, 2016, 183, 694-702.	7.8	33
27	Air quality plan for ozone: an urgent need for North Portugal. Air Quality, Atmosphere and Health, 2016, 9, 447-460.	3.3	21
28	Climate change and pollutant emissions impacts on air quality in 2050 over Portugal. Atmospheric Environment, 2016, 131, 209-224.	4.1	37
29	Evaluating strategies to reduce urban air pollution. Atmospheric Environment, 2016, 127, 196-204.	4.1	44
30	Air Quality Modelling to Support Decision-Making: Scenario and Optimization Approaches. Springer Proceedings in Complexity, 2016, , 161-165.	0.3	1
31	Development of current and future pollutant emissions for Portugal. Atmospheric Pollution Research, 2015, 6, 849-857.	3.8	11
32	Air quality over Portugal in 2020. Atmospheric Pollution Research, 2015, 6, 788-796.	3.8	21
33	Current air quality plans in Europe designed to support air quality management policies. Atmospheric Pollution Research, 2015, 6, 434-443.	3.8	77
34	The role of ammonia on particulate matter pollution over Portugal. International Journal of Environment and Pollution, 2015, 57, 215.	0.2	4
35	Seasonal patterns of Saharan dust over Cape Verde â€“ a combined approach using observations and modelling. Tellus, Series B: Chemical and Physical Meteorology, 2015, 67, 24410.	1.6	37
36	Integrating Health on Air Quality Assessmentâ€"Review Report on Health Risks of Two Major European Outdoor Air Pollutants: PM and NO₂. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2014, 17, 307-340.	6.5	138

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37	Individual Exposure to Air Pollutants in a Portuguese Urban Industrialized Area. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2014, 77, 888-899.	2.3	11
38	Reducing Emissions of Atmospheric Pollutants. , 2014, , 469-478.		0
39	Urban air quality plans in Europe: a review on applied methodologies. , 2014, , .		0
40	The role of transboundary air pollution over Galicia and North Portugal area. Environmental Science and Pollution Research, 2013, 20, 2924-2936.	5.3	9
41	Ensemble Techniques to Improve Air Quality Assessment: Focus on O3 and PM. Environmental Modeling and Assessment, 2013, 18, 249-257.	2.2	11
42	Analysis of long-range transport of aerosols for Portugal using 3D chemical transport model and satellite measurements. Atmospheric Environment, 2013, 64, 229-241.	4.1	8
43	A comparative analysis of two highly spatially resolved European atmospheric emission inventories. Atmospheric Environment, 2013, 75, 43-57.	4.1	36
44	Air quality assessment of Estarreja, an urban industrialized area, in a coastal region of Portugal. Environmental Monitoring and Assessment, 2013, 185, 5847-5860.	2.7	18
45	Bias Correction Techniques to Improve Air Quality Ensemble Predictions: Focus on O3 and PM Over Portugal. Environmental Modeling and Assessment, 2013, 18, 533-546.	2.2	27
46	EMISSION MODELLING OF HAZARDOUS AIR POLLUTANTS FROM ROAD TRANSPORT AT URBAN SCALE. Transport, 2012, 27, 299-306.	1.2	20
47	Particulate Matter and Exposure Modelling in Europe. Handbook of Environmental Chemistry, 2012, , 259-273.	0.4	0
48	Air quality simulations for North America - MM5â€“CAMx modelling performance for main gaseous pollutants. Atmospheric Environment, 2012, 53, 212-224.	4.1	14
49	Evaluation of the meteorological forcing used for the Air Quality Model Evaluation International Initiative (AQMEII) air quality simulations. Atmospheric Environment, 2012, 53, 15-37.	4.1	111
50	Model evaluation and ensemble modelling of surface-level ozone in Europe and North America in the context of AQMEII. Atmospheric Environment, 2012, 53, 60-74.	4.1	192
51	Operational model evaluation for particulate matter in Europe and North America in the context of AQMEII. Atmospheric Environment, 2012, 53, 75-92.	4.1	214
52	A contribution to air quality management in urban industrialized areas. , 2012, , .		1
53	Isoprene emissions modelling for West Africa: MEGAN model evaluation and sensitivity analysis. Atmospheric Chemistry and Physics, 2010, 10, 8453-8467.	4.9	22
54	Determination of background concentrations for air quality models using spectral analysis and filtering of monitoring data. Atmospheric Environment, 2010, 44, 106-114.	4.1	47

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55	Modelling the photochemical pollution over the metropolitan area of Porto Alegre, Brazil. Atmospheric Environment, 2010, 44, 370-380.	4.1	11
56	Forecasting human exposure to atmospheric pollutants in Portugal â€“ A modelling approach. Atmospheric Environment, 2009, 43, 5796-5806.	4.1	25
57	Procedures for estimation of modelling uncertainty in air quality assessment. Environment International, 2008, 34, 613-620.	10.0	96
58	The role of PM10in air quality and exposure in urban areas. , 2008, , .		4
59	Chapter 5.6 Long-term aerosol simulation for Portugal using the CHIMERE model. Developments in Environmental Science, 2007, , 534-547.	0.5	0
60	Long-term assessment of particulate matter using CHIMERE model. Atmospheric Environment, 2007, 41, 7726-7738.	4.1	48
61	Urban Population Exposure to Particulate Air Pollution Induced by Road Transport. , 2007, , 267-276.		0
62	Comparison of European National Legislation Efficiency on the Reduction of Air Pollutant Emissions. Journal of the Air and Waste Management Association, 2006, 56, 317-321.	1.9	2
63	Traffic-related particulate air pollution exposure in urban areas. Atmospheric Environment, 2006, 40, 7205-7214.	4.1	59
64	Air Quality Modelling Application to Evaluate Effects of PM Air Concentrations on Urban Population Exposure.. Epidemiology, 2006, 17, S252-S253.	2.7	5
65	Air Quality Measurements to Evaluate School Children Exposure and Health. Epidemiology, 2006, 17, S401.	2.7	0
66	Smoke measurements during Gestosa-2002 experimental field fires. International Journal of Wildland Fire, 2005, 14, 107.	2.4	48
67	Chemical Mechanisms in two Photochemical Modelling Systems: A Comparison Procedure. , 2004, , 87-96.		3
68	Evaluation of Two Mesoscale Photochemical Numerical Systems During an Ozone Episode. , 2003, , 231-239.		0
69	Air quality management in Portugal: example of needs and available tools. Environmental Pollution, 2002, 120, 115-123.	7.5	13
70	Atmospheric baseline levels of PCDD and PCDF in the region of Oporto. Chemosphere, 2001, 43, 497-500.	8.2	7
71	Comparisons of aerosol optical depth provided by seviri satellite observations and CAMx air quality modelling. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-7/W3, 187-193.	0.2	4