

Camillo Silibello

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

820
citations

566801

15
h-index

500791

28
g-index

35
all docs

35
docs citations

35
times ranked

1169
citing authors

#	ARTICLE	IF	CITATIONS
1	Presentation of the EURODELTA III intercomparison exercise "evaluation of the chemistry transport models' performance on criteria pollutants and joint analysis with meteorology. Atmospheric Chemistry and Physics, 2016, 16, 12667-12701.	1.9	109
2	Modelling of PM10 concentrations over Milano urban area using two aerosol modules. Environmental Modelling and Software, 2008, 23, 333-343.	1.9	89
3	A gas/aerosol air pollutants study over the urban area of Rome using a comprehensive chemical transport model. Atmospheric Environment, 2007, 41, 7286-7303.	1.9	76
4	Estimating Daily PM _{2.5} and PM ₁₀ over Italy Using an Ensemble Model. Environmental Science & Technology, 2020, 54, 120-128.	4.6	70
5	Assessment of the AMS-MINNI system capabilities to simulate air quality over Italy for the calendar year 2005. Atmospheric Environment, 2014, 48, 178-188.	1.9	56
6	A multi-city air pollution population exposure study: Combined use of chemical-transport and random-Forest models with dynamic population data. Science of the Total Environment, 2020, 724, 138102.	3.9	45
7	Application of a photochemical grid model to milan metropolitan area * *This paper is from the Atmospheric Sciences and Applications to Air Quality (ASAAQ) 5th International Conference, Seattle, Washington, USA, 18-20 June, 1996.. Atmospheric Environment, 1998, 32, 2025-2038.	1.9	41
8	Development of land-use regression models for exposure assessment to ultrafine particles in Rome, Italy. Atmospheric Environment, 2017, 156, 52-60.	1.9	39
9	Impact of Grid Resolution on Aerosol Predictions: A Case Study over Italy. Aerosol and Air Quality Research, 2016, 16, 1253-1267.	0.9	31
10	Joint analysis of deposition fluxes and atmospheric concentrations of inorganic nitrogen and sulphur compounds predicted by six chemistry transport models in the frame of the EURODELTAIII project. Atmospheric Environment, 2017, 151, 152-175.	1.9	27
11	Analysis of pollutants exchange between the Po Valley and the surrounding European region. Urban Climate, 2014, 10, 682-702.	2.4	25
12	Application of bias adjustment techniques to improve air quality forecasts. Atmospheric Pollution Research, 2015, 6, 928-938.	1.8	23
13	Assessment of population exposure to Polycyclic Aromatic Hydrocarbons (PAHs) using integrated models and evaluation of uncertainties. Atmospheric Environment, 2015, 101, 235-245.	1.9	21
14	Benzo[a]pyrene modelling over Italy: comparison with experimental data and source apportionment. Atmospheric Pollution Research, 2012, 3, 399-407.	1.8	19
15	Impact of different exposure models and spatial resolution on the long-term effects of air pollution. Environmental Research, 2021, 192, 110351.	3.7	17
16	Application of a chemical transport model and optimized data assimilation methods to improve air quality assessment. Air Quality, Atmosphere and Health, 2014, 7, 283-296.	1.5	15
17	Spatial-temporal prediction of ambient nitrogen dioxide and ozone levels over Italy using a Random Forest model for population exposure assessment. Air Quality, Atmosphere and Health, 2021, 14, 817-829.	1.5	15
18	Characterization of urban pollution in two cities of the Puglia region in Southern Italy using field measurements and air quality (AQ) model approach. Atmospheric Pollution Research, 2014, 5, 34-41.	1.8	14

#	ARTICLE	IF	CITATIONS
19	Evaluation of urban pollution abatement strategies by a photochemical dispersion model. <i>International Journal of Environment and Pollution</i> , 2000, 14, 616.	0.2	12
20	Heavy Metal Modelling Study over Italy: Effects of Grid Resolution, Lateral Boundary Conditions and Foreign Emissions on Air Concentrations. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	11
21	EURODELTA III exercise: An evaluation of air quality models' capacity to reproduce the carbonaceous aerosol. <i>Atmospheric Environment: X</i> , 2019, 2, 100018.	0.8	11
22	Influence of ventilation rate on indoor radon concentration: Theoretical evaluation and experimental data in a test chamber. <i>Journal of Environmental Radioactivity</i> , 1994, 24, 205-215.	0.9	8
23	Short-Term Effects of Air Pollution on Cardiovascular Hospitalizations in the Pisan Longitudinal Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1164.	1.2	7
24	The Effect of Non-Compliance of Diesel Vehicle Emissions with Euro Limits on Mortality in the City of Milan. <i>Atmosphere</i> , 2021, 12, 342.	1.0	7
25	A microscale hybrid modelling system to assess the air quality over a large portion of a large European city. <i>Atmospheric Environment</i> , 2021, 264, 118656.	1.9	7
26	Integrated model for the estimation of annual, seasonal, and episode PM10 exposures of children in Rome, Italy. <i>Air Quality, Atmosphere and Health</i> , 2011, 4, 169-178.	1.5	6
27	Assessment of Air Quality and Meteorological Changes Induced by Future Vegetation in Madrid. <i>Forests</i> , 2022, 13, 690.	0.9	5
28	QualeAria: European and national scale air quality forecast system performance evaluation. <i>International Journal of Environment and Pollution</i> , 2018, 64, 110.	0.2	4
29	A Study of Heavy Metals Pollution in Italy with the Atmospheric Modelling System of the MINNI project. <i>E3S Web of Conferences</i> , 2013, 1, 03003.	0.2	2
30	PAHs Modelling over Urban Area of Rome: Integration of Models Results with Experimental Data. <i>Springer Proceedings in Complexity</i> , 2014, , 349-354.	0.2	1
31	A Hybrid Parallelization of Air Quality Model with MPI and OpenMP. <i>Lecture Notes in Computer Science</i> , 2012, , 235-245.	1.0	1
32	Application of a photochemical model for the assessment of regional air quality in Southern Italy: procedures and results. <i>International Journal of Environment and Pollution</i> , 2017, 62, 102.	0.2	1
33	QualeAria: European and national scale air quality forecast system performance evaluation. <i>International Journal of Environment and Pollution</i> , 2018, 64, 110.	0.2	1
34	Application of a photochemical model for the assessment of regional air quality in Southern Italy: procedures and results. <i>International Journal of Environment and Pollution</i> , 2017, 62, 102.	0.2	0