

# Camillo Silibello

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

820  
citations

567144

15  
h-index

501076

28  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1169  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Assessment of Air Quality and Meteorological Changes Induced by Future Vegetation in Madrid. <i>Forests</i> , 2022, 13, 690.  | 0.9 | 5         |
| 2  | Impact of different exposure models and spatial resolution on the long-term effects of air pollution. <i>Environmental Research</i> , 2021, 192, 110351.  | 3.7 | 17        |
| 3  | 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         |
| 4  | Spatial-temporal prediction of ambient nitrogen dioxide and ozone levels over Italy using a Random Forest model for population exposure assessment. <i>Air Quality, Atmosphere and Health</i> , 2021, 14, 817-829.  | 1.5 | 15        |
| 5  | 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         |
| 6  | 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         |
| 7  | Estimating Daily PM <sub>2.5</sub> and PM <sub>10</sub> over Italy Using an Ensemble Model. <i>Environmental Science &amp; Technology</i> , 2020, 54, 120-128.  | 4.6 | 70        |
| 8  | A multi-city air pollution population exposure study: Combined use of chemical-transport and random-Forest models with dynamic population data. <i>Science of the Total Environment</i> , 2020, 724, 138102.  | 3.9 | 45        |
| 9  | 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        |
| 10 | 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         |
| 11 | 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         |
| 12 | Development of land-use regression models for exposure assessment to ultrafine particles in Rome, Italy. <i>Atmospheric Environment</i> , 2017, 156, 52-60.   | 1.9 | 39        |
| 13 | 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. <i>Atmospheric Environment</i> , 2017, 151, 152-175. | 1.9 | 27        |
| 14 | 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         |
| 15 | 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         |
| 16 | Impact of Grid Resolution on Aerosol Predictions: A Case Study over Italy. <i>Aerosol and Air Quality Research</i> , 2016, 16, 1253-1267.   | 0.9 | 31        |
| 17 | Presentation of the EURODELTA III intercomparison exercise "evaluation of the chemistry transport models' performance on criteria pollutants and joint analysis with meteorology. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 12667-12701.       | 1.9 | 109       |
| 18 | Application of bias adjustment techniques to improve air quality forecasts. <i>Atmospheric Pollution Research</i> , 2015, 6, 928-938.   | 1.8 | 23        |

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|----|--|-----|-----------|
| 19 | 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        |
| 20 | Assessment of population exposure to Polycyclic Aromatic Hydrocarbons (PAHs) using integrated models and evaluation of uncertainties. <i>Atmospheric Environment</i> , 2015, 101, 235-245.   | 1.9 | 21        |
| 21 | Analysis of pollutants exchange between the Po Valley and the surrounding European region. <i>Urban Climate</i> , 2014, 10, 682-702.   | 2.4 | 25        |
| 22 | Assessment of the AMS-MINNI system capabilities to simulate air quality over Italy for the calendar year 2005. <i>Atmospheric Environment</i> , 2014, 84, 178-188.   | 1.9 | 56        |
| 23 | Application of a chemical transport model and optimized data assimilation methods to improve air quality assessment. <i>Air Quality, Atmosphere and Health</i> , 2014, 7, 283-296.   | 1.5 | 15        |
| 24 | Characterization of urban pollution in two cities of the Puglia region in Southern Italy using field measurements and air quality (AQ) model approach. <i>Atmospheric Pollution Research</i> , 2014, 5, 34-41.   | 1.8 | 14        |
| 25 | 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         |
| 26 | 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         |
| 27 | Benzo[a]pyrene modelling over Italy: comparison with experimental data and source apportionment. <i>Atmospheric Pollution Research</i> , 2012, 3, 399-407.   | 1.8 | 19        |
| 28 | A Hybrid Parallelization of Air Quality Model with MPI and OpenMP. <i>Lecture Notes in Computer Science</i> , 2012, , 235-245.   | 1.0 | 1         |
| 29 | 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         |
| 30 | Modelling of PM10 concentrations over Milano urban area using two aerosol modules. <i>Environmental Modelling and Software</i> , 2008, 23, 333-343.  | 1.9 | 89        |
| 31 | A gas/aerosol air pollutants study over the urban area of Rome using a comprehensive chemical transport model. <i>Atmospheric Environment</i> , 2007, 41, 7286-7303.   | 1.9 | 76        |
| 32 | 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        |
| 33 | 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.. <i>Atmospheric Environment</i> , 1998, 32, 2025-2038. | 1.9 | 41        |
| 34 | 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         |