# Simona Fratianni

List of Publications by Year
in descending order

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|---|---|---|---|
| **48**<br>papers | **1,542**<br>citations | 394390<br>**19**<br>h-index | 330122<br>**37**<br>g-index |
| **50**<br>all docs | **50**<br>docs citations | **50**<br>times ranked | **1773**<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Benchmarking homogenization algorithms for monthly data. Climate of the Past, 2012, 8, 89-115. | 3.4 | 286 |
| 2 | Global, regional, and national burden of mortality associated with non-optimal ambient temperatures from 2000 to 2019: a three-stage modelling study. Lancet Planetary Health, The, 2021, 5, e415-e425. | 11.4 | 284 |
| 3 | The association between ambient temperature and mortality in South Africa: A time-series analysis. Environmental Research, 2018, 161, 229-235. | 7.5 | 105 |
| 4 | Review: Impacts of permafrost degradation on inorganic chemistry of surface fresh water. Global and Planetary Change, 2018, 162, 69-83. | 3.5 | 91 |
| 5 | Changes in precipitation extremes in Brazil (Paranà River Basin). Theoretical and Applied Climatology, 2016, 123, 741-756. | 2.8 | 65 |
| 6 | Temperature changes in the North-Western Italian Alps from 1961 to 2010. Theoretical and Applied Climatology, 2015, 122, 619-634. | 2.8 | 51 |
| 7 | Winter precipitation in Western Italian Alps (1926–2010). Meteorology and Atmospheric Physics, 2013, 119, 125-136. | 2.0 | 43 |
| 8 | The Climate of Italy. World Geomorphological Landscapes, 2017, , 29-38. | 0.3 | 41 |
| 9 | Influence of permafrost, rock and ice glaciers on chemistry of high-elevation ponds (NW Italian Alps). Science of the Total Environment, 2019, 685, 886-901. | 8.0 | 39 |
| 10 | Increased flash flooding in Genoa Metropolitan Area: a combination of climate changes and soil consumption?. Meteorology and Atmospheric Physics, 2019, 131, 1099-1110. | 2.0 | 38 |
| 11 | The altitudinal temperature lapse rates applied to high elevation rockfalls studies in the Western European Alps. Theoretical and Applied Climatology, 2018, 131, 1479-1491. | 2.8 | 35 |
| 12 | Assessment of parallel precipitation measurements networks in Piedmont, Italy. International Journal of Climatology, 2016, 36, 3963-3974. | 3.5 | 33 |
| 13 | Rainfall as primary driver of discharge and solute export from rock glaciers: The Col d'Olen Rock Glacier in the NW Italian Alps. Science of the Total Environment, 2018, 639, 316-330. | 8.0 | 29 |
| 14 | Analysis of the severe drought in Ireland in 2018. Weather, 2019, 74, 368-373. | 0.7 | 29 |
| 15 | Rainfall intensity in the Genoa Metropolitan Area: secular variations and consequences. Weather, 2018, 73, 356-362. | 0.7 | 27 |
| 16 | Climate variations in a high altitude Alpine basin and their effects on a glacial environment (Italian Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 0.8 | 26 |
| 17 | A weekly spatio–temporal distribution of drought events over the Po Plain (North Italy) in the last five decades. International Journal of Climatology, 2020, 40, 4463-4476. | 3.5 | 25 |
| 18 | West Nile Virus infection in Northern Italy: Case-crossover study on the short-term effect of climatic parameters. Environmental Research, 2018, 167, 544-549. | 7.5 | 23 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 19 | Rainfall variability from a dense rain gauge network in north-western Italy. Climate Research, 2018, 75, 201-213. | 1.1 | 23 |
| 20 | On the continuity and climatic variability of the meteorological stations in Torino, Asti, Vercelli and Oropa. Meteorology and Atmospheric Physics, 2009, 103, 279-287. | 2.0 | 21 |
| 21 | Snow Precipitation and Snow Cover Climatic Variability for the Period 1971â€"2009 in the Southwestern Italian Alps: The 2008â€"2009 Snow Season Case Study. Water (Switzerland), 2010, 2, 773-787. | 2.7 | 21 |
| 22 | The evolution of temperature extremes in the GaspÃ© Peninsula, Quebec, Canada (1974â€"2013). Theoretical and Applied Climatology, 2017, 130, 163-172. | 2.8 | 16 |
| 23 | Analysis on Long Precipitation Series in Piedmont (North-West Italy). American Journal of Climate Change, 2013, 02, 14-24. | 0.9 | 16 |
| 24 | Skiability conditions in several skiing complexes on Piedmontese and Dolomitic Alps. Meteorologische Zeitschrift, 2004, 13, 253-258. | 1.0 | 14 |
| 25 | Future droughts in northern Italy: high-resolution projections using EURO-CORDEX and MED-CORDEX ensembles. Climatic Change, 2022, 172, . | 3.6 | 13 |
| 26 | CoRain: A free and open source software for rain series comparison. Earth Science Informatics, 2017, 10, 405-416. | 3.2 | 12 |
| 27 | Influence of instrumentation on long temperature time series. Climatic Change, 2019, 156, 385-404. | 3.6 | 11 |
| 28 | CondMerg: an open source implementation in R language of conditional merging for weather radars and rain gauges observations. Earth Science Informatics, 2017, 10, 127-135. | 3.2 | 10 |
| 29 | Daily precipitation extremes and their variations in the ItajaÃ River Basin, Brazil. Meteorology and Atmospheric Physics, 2019, 131, 1145-1156. | 2.0 | 10 |
| 30 | Integrating environmental, entomological, animal, and human data to model the Leishmania infantum transmission risk in a newly endemic area in Northern Italy. One Health, 2020, 10, 100159. | 3.4 | 9 |
| 31 | A rock-glacier â€" pond system (NW Italian Alps): Soil and sediment properties, geochemistry, and trace-metal bioavailability. Catena, 2020, 194, 104700. | 5.0 | 9 |
| 32 | THE IMPORTANCE OF THE QUALITY AND RELIABILITY OF THE HISTORICAL TIME SERIES FOR THE STUDY OF CLIMATE CHANGE. Revista Brasileira De Climatologia, 2014, 14, . | 0.3 | 9 |
| 33 | Seasonal variations in the optical characteristics of dissolved organic matter in glacial pond water. Science of the Total Environment, 2021, 759, 143464. | 8.0 | 8 |
| 34 | Geomorphology of the Hohsand basin (Western Italian Alps). Journal of Maps, 2016, 12, 975-978. | 2.0 | 7 |
| 35 | Analysis of the longâ€time climate data series for Turin and assessment of the city's urban heat island. Weather, 2019, 74, 353-359. | 0.7 | 7 |
| 36 | Reconstruction of snow days based on monthly climate indicators in the Swiss pre-alpine region. Regional Environmental Change, 2020, 20, 1. | 2.9 | 7 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 37 | Reconstruction of erosivity density in northwest Italy since 1701. Hydrological Sciences Journal, 2021, 66, 1185-1196. | 2.6 | 7 |
| 38 | Climate change and its relation to the fluctuation in glacier mass balance in the Cordillera Blanca, Peru: A review. Acta Universitatis Carolinae, Geographica, 2018, 53, 106-118. | 0.2 | 7 |
| 39 | Distribution, Discharge, Geological and Physical–Chemical Features of the Springs in the Turin Province (Piedmont, NW Italy). , 2015, , 253-256. | | 5 |
| 40 | The impact of extreme temperatures on human mortality in the most populated cities of Romania. International Journal of Biometeorology, 2022, 66, 189-199. | 3.0 | 5 |
| 41 | Role of climate in the spread of shiga toxin-producing Escherichia coli infection among children. International Journal of Biometeorology, 2017, 61, 1647-1655. | 3.0 | 4 |
| 42 | A quality control approach to better characterize the spatial distribution of snow depth over New Brunswick, Canada. International Journal of Climatology, 2019, 39, 5470-5485. | 3.5 | 4 |
| 43 | Estimation of rainfall erosivity in Piedmont (Northwestern Italy) by using 10-minute fixed-interval rainfall data. Idojaras, 2019, 123, 1-18. | 0.4 | 4 |
| 44 | Time series analysis of underground temperature and evaluation of thermal properties in a test site of the Po plain (NW Italy). Environmental Earth Sciences, 2020, 79, 1. | 2.7 | 3 |
| 45 | Preliminary Results of a Comparison Study Between Two Independent Snow Networks in North-Western Italian Alps (Piemonte Region). , 2015, , 113-116. | | 3 |
| 46 | Surface ozone concentration and its relation with weather types in NW Italy, 2003-2014. Climate Research, 2019, 77, 77-89. | 1.1 | 3 |
| 47 | An algorithm for daily temperature comparison: Co.Temp - comparing series of temperature. Earth Science Informatics, 2020, 13, 205-210. | 3.2 | 2 |
| 48 | Outdoor temperature and its effect on mortality in South Africa. Clean Air Journal, 2018, 28, . | 0.5 | 0 |