

# Simona Fratianni

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6561982/publications.pdf>

Version: 2024-02-01

48  
papers

1,542  
citations

394421

19  
h-index

330143

37  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1773  
citing authors

#	ARTICLE	IF	CITATIONS
1	Benchmarking homogenization algorithms for monthly data. <i>Climate of the Past</i> , 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. <i>Lancet Planetary Health</i> , The, 2021, 5, e415-e425.	11.4	284
3	The association between ambient temperature and mortality in South Africa: A time-series analysis. <i>Environmental Research</i> , 2018, 161, 229-235.	7.5	105
4	Review: Impacts of permafrost degradation on inorganic chemistry of surface fresh water. <i>Global and Planetary Change</i> , 2018, 162, 69-83.	3.5	91
5	Changes in precipitation extremes in Brazil (Paraná River Basin). <i>Theoretical and Applied Climatology</i> , 2016, 123, 741-756.	2.8	65
6	Temperature changes in the North-Western Italian Alps from 1961 to 2010. <i>Theoretical and Applied Climatology</i> , 2015, 122, 619-634.	2.8	51
7	Winter precipitation in Western Italian Alps (1926–2010). <i>Meteorology and Atmospheric Physics</i> , 2013, 119, 125-136.	2.0	43
8	The Climate of Italy. <i>World Geomorphological Landscapes</i> , 2017, , 29-38.	0.3	41
9	Influence of permafrost, rock and ice glaciers on chemistry of high-elevation ponds (NW Italian Alps). <i>Science of the Total Environment</i> , 2019, 685, 886-901.	8.0	39
10	Increased flash flooding in Genoa Metropolitan Area: a combination of climate changes and soil consumption?. <i>Meteorology and Atmospheric Physics</i> , 2019, 131, 1099-1110.	2.0	38
11	The altitudinal temperature lapse rates applied to high elevation rockfalls studies in the Western European Alps. <i>Theoretical and Applied Climatology</i> , 2018, 131, 1479-1491.	2.8	35
12	Assessment of parallel precipitation measurements networks in Piedmont, Italy. <i>International Journal of Climatology</i> , 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. <i>Science of the Total Environment</i> , 2018, 639, 316-330.	8.0	29
14	Analysis of the severe drought in Ireland in 2018. <i>Weather</i> , 2019, 74, 368-373.	0.7	29
15	Rainfall intensity in the Genoa Metropolitan Area: secular variations and consequences. <i>Weather</i> , 2018, 73, 356-362.	0.7	27
16	Climate variations in a high altitude Alpine basin and their effects on a glacial environment (Italian) <i>Tj ETQq0 0 0 rgBTJ/Overlock 10 Tf 50</i>	0.8	26
17	A weekly spatio-temporal distribution of drought events over the Po Plain (North Italy) in the last five decades. <i>International Journal of Climatology</i> , 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. <i>Environmental Research</i> , 2018, 167, 544-549.	7.5	23

#	ARTICLE	IF	CITATIONS
19	Rainfall variability from a dense rain gauge network in north-western Italy. <i>Climate Research</i> , 2018, 75, 201-213.	1.1	23
20	On the continuity and climatic variability of the meteorological stations in Torino, Asti, Vercelli and Oropa. <i>Meteorology and Atmospheric Physics</i> , 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. <i>Water (Switzerland)</i> , 2010, 2, 773-787.	2.7	21
22	The evolution of temperature extremes in the GaspÃ© Peninsula, Quebec, Canada (1974â€“2013). <i>Theoretical and Applied Climatology</i> , 2017, 130, 163-172.	2.8	16
23	Analysis on Long Precipitation Series in Piedmont (North-West Italy). <i>American Journal of Climate Change</i> , 2013, 02, 14-24.	0.9	16
24	Skiability conditions in several skiing complexes on Piedmontese and Dolomitic Alps. <i>Meteorologische Zeitschrift</i> , 2004, 13, 253-258.	1.0	14
25	Future droughts in northern Italy: high-resolution projections using EURO-CORDEX and MED-CORDEX ensembles. <i>Climatic Change</i> , 2022, 172, .	3.6	13
26	CoRain: A free and open source software for rain series comparison. <i>Earth Science Informatics</i> , 2017, 10, 405-416.	3.2	12
27	Influence of instrumentation on long temperature time series. <i>Climatic Change</i> , 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. <i>Earth Science Informatics</i> , 2017, 10, 127-135.	3.2	10
29	Daily precipitation extremes and their variations in the ItajaÃ­-River Basin, Brazil. <i>Meteorology and Atmospheric Physics</i> , 2019, 131, 1145-1156.	2.0	10
30	Integrating environmental, entomological, animal, and human data to model the <i>Leishmania infantum</i> transmission risk in a newly endemic area in Northern Italy. <i>One Health</i> , 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. <i>Catena</i> , 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. <i>Revista Brasileira De Climatologia</i> , 2014, 14, .	0.3	9
33	Seasonal variations in the optical characteristics of dissolved organic matter in glacial pond water. <i>Science of the Total Environment</i> , 2021, 759, 143464.	8.0	8
34	Geomorphology of the Hohnsand basin (Western Italian Alps). <i>Journal of Maps</i> , 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. <i>Weather</i> , 2019, 74, 353-359.	0.7	7
36	Reconstruction of snow days based on monthly climate indicators in the Swiss pre-alpine region. <i>Regional Environmental Change</i> , 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