

Roberto Coscarelli

List of Publications by Year in descending order

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55
papers

1,785
citations

304743

22
h-index

276875

41
g-index

64
all docs

64
docs citations

64
times ranked

1714
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil erosion risk scenarios in the Mediterranean environment using RUSLE and GIS: An application model for Calabria (southern Italy). <i>Geomorphology</i> , 2009, 112, 228-245.	2.6	223
2	Trend detection of annual and seasonal rainfall in Calabria (Southern Italy). <i>International Journal of Climatology</i> , 2011, 31, 44-56.	3.5	160
3	Analysis of daily and monthly rainfall concentration in Southern Italy (Calabria region). <i>Journal of Hydrology</i> , 2012, 416-417, 145-156.	5.4	137
4	Precipitation variability and change in the Calabria region (Italy) from a high resolution daily dataset. <i>International Journal of Climatology</i> , 2012, 32, 57-73.	3.5	122
5	Application of the Innovative Trend Analysis Method for the Trend Analysis of Rainfall Anomalies in Southern Italy. <i>Water Resources Management</i> , 2018, 32, 4971-4983.	3.9	104
6	Analyses of Drought Events in Calabria (Southern Italy) Using Standardized Precipitation Index. <i>Water Resources Management</i> , 2015, 29, 557-573.	3.9	70
7	Precipitation change in Southern Italy linked to global scale oscillation indexes. <i>Natural Hazards and Earth System Sciences</i> , 2011, 11, 1683-1694.	3.6	61
8	Influence of the North Atlantic Oscillation on winter rainfall in Calabria (southern Italy). <i>Theoretical and Applied Climatology</i> , 2013, 114, 479-494.	2.8	59
9	Spatial and temporal distribution of precipitation in a Mediterranean area (southern Italy). <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	50
10	Spatial and temporal patterns of the mean annual precipitation at decadal time scale in southern Italy (Calabria region). <i>Theoretical and Applied Climatology</i> , 2011, 105, 431-444.	2.8	43
11	Spatial and temporal characterization of climate at regional scale using homogeneous monthly precipitation and air temperature data: an application in Calabria (southern Italy). <i>Hydrology Research</i> , 2015, 46, 629-646.	2.7	41
12	Landslide risk perception, social vulnerability and community resilience: The case study of Maierato (Calabria, southern Italy). <i>International Journal of Disaster Risk Reduction</i> , 2020, 46, 101529.	3.9	40
13	Time evolution of landslide damages to buildings: the case study of Lungro (Calabria, southern Italy). <i>Bulletin of Engineering Geology and the Environment</i> , 2015, 74, 47-59.	3.5	39
14	Analysis of Dry Spells in Southern Italy (Calabria). <i>Water (Switzerland)</i> , 2015, 7, 3009-3023.	2.7	37
15	Trend analysis of monthly mean values and extreme indices of daily temperature in a region of southern Italy. <i>International Journal of Climatology</i> , 2017, 37, 284-297.	3.5	36
16	Precipitation trend and concentration in the Sardinia region. <i>Theoretical and Applied Climatology</i> , 2019, 137, 297-307.	2.8	32
17	Shallow landslides triggered by consecutive rainfall events at Catanzaro strait (Calabria) – Southern Italy. <i>Journal of Hydrology</i> , 2020, 589, 270-289.	2.0	29
18	IMERG-Based Meteorological Drought Analysis over Italy. <i>Climate</i> , 2021, 9, 65.	2.8	29

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19	Stochastic analysis of long dry spells in Calabria (Southern Italy). Theoretical and Applied Climatology, 2017, 127, 711-724.	2.8	27
20	Validation of Satellite, Reanalysis and RCM Data of Monthly Rainfall in Calabria (Southern Italy). Remote Sensing, 2019, 11, 1625.	4.0	27
21	A proposal for a methodological approach to the characterisation of Widespread Landslide Events: an application to Southern Italy. Natural Hazards and Earth System Sciences, 2012, 12, 165-173.	3.6	26
22	Slope movements induced by rainfalls damaging an urban area: the Catanzaro case study (Calabria, Italy). Engineering Geology, 2010, 107, 107-115.	3.4	25
23	Social Perception of Geo-Hydrological Risk in the Context of Urban Disaster Risk Reduction: A Comparison between Experts and Population in an Area of Southern Italy. Sustainability, 2019, 11, 2061.	3.2	23
24	Spatial and temporal variability of daily precipitation concentration in the Sardinia region (Italy). International Journal of Climatology, 2019, 39, 5006-5021.	3.5	22
25	Assessment of seasonal and annual rainfall trend in Calabria (southern Italy) with the ITA method. Journal of Hydroinformatics, 2020, 22, 738-748.	2.4	22
26	Geo-hydrological risk perception: A case study in Calabria (Southern Italy). International Journal of Disaster Risk Reduction, 2017, 25, 301-311.	3.9	21
27	Spatial uncertainty assessment in modelling reference evapotranspiration at regional scale. Hydrology and Earth System Sciences, 2010, 14, 2319-2327.	4.9	19
28	A stochastic model for the analysis of the temporal change of dry spells. Stochastic Environmental Research and Risk Assessment, 2015, 29, 143-155.	4.0	19
29	An Analysis of the Occurrence Probabilities of Wet and Dry Periods through a Stochastic Monthly Rainfall Model. Water (Switzerland), 2016, 8, 39.	2.7	19
30	Climate Change and Social Perception: A Case Study in Southern Italy. Sustainability, 2020, 12, 6985.	3.2	19
31	Trends in the Daily Precipitation Categories of Calabria (Southern Italy). Procedia Engineering, 2016, 162, 32-38.	1.2	18
32	A Homogeneous Dataset for Rainfall Trend Analysis in the Calabria Region (Southern Italy). Water (Switzerland), 2020, 12, 2541.	2.7	17
33	Sensitivity to desertification of a high productivity area in Southern Italy. Journal of Maps, 2016, 12, 573-581.	2.0	15
34	Combining stochastic models of air temperature and vapour pressure for the analysis of the bioclimatic comfort through the Humidex. Scientific Reports, 2020, 10, 11395.	3.3	13
35	Analysis of Monthly Rainfall Trend in Calabria (Southern Italy) through the Application of Statistical and Graphical Techniques. Proceedings (mdpi), 2018, 2, 629.	0.2	12
36	The Potential Role of Climate Indices to Explain Floods, Mass-Movement Events and Wildfires in Southern Italy. Climate, 2021, 9, 156.	2.8	12

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37	Recent damaging events on alluvial fans along a stretch of the Tyrrhenian coast of Calabria (southern Italy). <i>Bulletin of Engineering Geology and the Environment</i> , 2017, 76, 1399-1416.	3.5	11
38	A stochastic model for the analysis of maximum daily temperature. <i>Theoretical and Applied Climatology</i> , 2017, 130, 275-289.	2.8	11
39	Occurrence Probabilities of Wet and Dry Periods in Southern Italy through the SPI Evaluated on Synthetic Monthly Precipitation Series. <i>Water (Switzerland)</i> , 2018, 10, 336.	2.7	11
40	Climate services for tourism: An applied methodology for user engagement and co-creation in European destinations. <i>Climate Services</i> , 2021, 23, 100249.	2.5	10
41	The Long-Term ERA5 Data Series for Trend Analysis of Rainfall in Italy. <i>Hydrology</i> , 2022, 9, 18.	3.0	10
42	A smart geotechnical model in emergency conditions: A case study of a medium-deep landslide in Southern Italy. <i>Engineering Geology</i> , 2018, 234, 138-152.	6.3	9
43	Temporal Analysis of Rainfall Categories in Southern Italy (Calabria Region). <i>Environmental Processes</i> , 2017, 4, 113-124.	3.5	8
44	Analysis of the Characteristics of Dry and Wet Spells in a Mediterranean Region. <i>Environmental Processes</i> , 2020, 7, 691-701.	3.5	8
45	Correlation Analysis of Seasonal Temperature and Precipitation in a Region of Southern Italy. <i>Geosciences (Switzerland)</i> , 2018, 8, 160.	2.2	4
46	A Stochastic Approach for the Analysis of Long Dry Spells with Different Threshold Values in Southern Italy. <i>Water (Switzerland)</i> , 2019, 11, 2026.	2.7	4
47	TRMM-based rainfall temporal analysis over Italy. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	4
48	A sub-regional approach to the influence analysis of teleconnection patterns on precipitation in Calabria (southern Italy). <i>International Journal of Climatology</i> , 2021, 41, 4574-4586.	3.5	4
49	Validation metrics of homogenization techniques on artificially inhomogenized monthly temperature networks in Sweden and Slovenia (1950â€“2005). <i>Scientific Reports</i> , 2021, 11, 18288.	3.3	4
50	The 1921 European drought: impacts, reconstruction and drivers. <i>Climate of the Past</i> , 2021, 17, 2201-2221.	3.4	4
51	A combined stochastic analysis of mean daily temperature and diurnal temperature range. <i>Theoretical and Applied Climatology</i> , 2019, 135, 1349-1359.	2.8	3
52	A Gridded Database for the Spatiotemporal Analysis of Rainfall in Southern Italy (Calabria Region). <i>Environmental Sciences Proceedings</i> , 2020, 2, .	0.3	3
53	Trend Analysis of Rainfall Using Gridded Data over a Region of Southern Italy. <i>Water (Switzerland)</i> , 2021, 13, 2271.	2.7	3
54	Geographies of the Anthropocene: Geoethics and Disaster Risk Reduction Tools Applied to Mediterranean Case Studies. <i>Key Challenges in Geography</i> , 2019, , 183-200.	0.2	2

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55	La comunicazione del rischio e la percezione pubblica dei disastri: il caso studio della frana di Maierato (Calabria, Italia). PRISMA Economia - Società & Lavoro, 2019, , 9-29.	0.0	1