

# Tommaso Caloiero

## List of Publications by Citations

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84  
papers

1,623  
citations

23  
h-index

37  
g-index

92  
ext. papers

2,002  
ext. citations

3  
avg, IF

5.73  
L-index

#	Paper	IF	Citations
84	Trend detection of annual and seasonal rainfall in Calabria (Southern Italy). <i>International Journal of Climatology</i> , <b>2011</b> , 31, 44-56	3.5	125
83	Adaptation to flood risk: Results of international paired flood event studies. <i>Earth's Future</i> , <b>2017</b> , 5, 953-965	3.5	111
82	Precipitation variability and change in the Calabria region (Italy) from a high resolution daily dataset. <i>International Journal of Climatology</i> , <b>2012</b> , 32, 57-73	3.5	100
81	Analysis of daily and monthly rainfall concentration in Southern Italy (Calabria region). <i>Journal of Hydrology</i> , <b>2012</b> , 416-417, 145-156	6	98
80	Analyses of Drought Events in Calabria (Southern Italy) Using Standardized Precipitation Index. <i>Water Resources Management</i> , <b>2015</b> , 29, 557-573	3.7	53
79	Application of the Innovative Trend Analysis Method for the Trend Analysis of Rainfall Anomalies in Southern Italy. <i>Water Resources Management</i> , <b>2018</b> , 32, 4971-4983	3.7	52
78	Influence of the North Atlantic Oscillation on winter rainfall in Calabria (southern Italy). <i>Theoretical and Applied Climatology</i> , <b>2013</b> , 114, 479-494	3	50
77	Drought Analysis in Europe and in the Mediterranean Basin Using the Standardized Precipitation Index. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 1043	3	49
76	Precipitation change in Southern Italy linked to global scale oscillation indexes. <i>Natural Hazards and Earth System Sciences</i> , <b>2011</b> , 11, 1683-1694	3.9	48
75	Application of several spatial interpolation techniques to monthly rainfall data in the Calabria region (southern Italy). <i>International Journal of Climatology</i> , <b>2018</b> , 38, 3651-3666	3.5	44
74	Analysis of daily rainfall concentration in New Zealand. <i>Natural Hazards</i> , <b>2014</b> , 72, 389-404	3	43
73	Spatial and temporal distribution of precipitation in a Mediterranean area (southern Italy). <i>Environmental Earth Sciences</i> , <b>2016</b> , 75, 1	2.9	41
72	Spatial and temporal patterns of the mean annual precipitation at decadal time scale in southern Italy (Calabria region). <i>Theoretical and Applied Climatology</i> , <b>2011</b> , 105, 431-444	3	39
71	Spatial and temporal characterization of climate at regional scale using homogeneous monthly precipitation and air temperature data: an application in Calabria (southern Italy) <b>2015</b> , 46, 629-646		38
70	Long-term precipitation trend analysis in Europe and in the Mediterranean basin. <i>Water and Environment Journal</i> , <b>2018</b> , 32, 433-445	1.7	35
69	Trend of monthly temperature and daily extreme temperature during 1951-2012 in New Zealand. <i>Theoretical and Applied Climatology</i> , <b>2017</b> , 129, 111-127	3	34
68	Analysis of rainfall trend in New Zealand. <i>Environmental Earth Sciences</i> , <b>2015</b> , 73, 6297-6310	2.9	33

67	Analysis of Dry Spells in Southern Italy (Calabria). <i>Water (Switzerland)</i> , <b>2015</b> , 7, 3009-3023	3	31
66	Trend analysis of monthly mean values and extreme indices of daily temperature in a region of southern Italy. <i>International Journal of Climatology</i> , <b>2017</b> , 37, 284-297	3.5	27
65	SPI Trend Analysis of New Zealand Applying the ITA Technique. <i>Geosciences (Switzerland)</i> , <b>2018</b> , 8, 101	2.7	27
64	Bioclimatic analysis in a region of southern Italy (Calabria). <i>Plant Biosystems</i> , <b>2016</b> , 150, 1282-1295	1.6	26
63	Drought events at different timescales in southern Italy (Calabria). <i>Journal of Maps</i> , <b>2014</b> , 10, 529-537	2.2	25
62	Validation of Satellite, Reanalysis and RCM Data of Monthly Rainfall in Calabria (Southern Italy). <i>Remote Sensing</i> , <b>2019</b> , 11, 1625	5	23
61	Evaluation of rainfall trends in the South Island of New Zealand through the innovative trend analysis (ITA). <i>Theoretical and Applied Climatology</i> , <b>2020</b> , 139, 493-504	3	23
60	Damaging Hydrogeological Events: A Procedure for the Assessment of Severity Levels and an Application to Calabria (Southern Italy). <i>Water (Switzerland)</i> , <b>2014</b> , 6, 3652-3670	3	22
59	Drought Assessment in the Sardinia Region (Italy) During 1922-2011 Using the Standardized Precipitation Index. <i>Pure and Applied Geophysics</i> , <b>2019</b> , 176, 925-935	2.2	22
58	Precipitation trend and concentration in the Sardinia region. <i>Theoretical and Applied Climatology</i> , <b>2019</b> , 137, 297-307	3	21
57	Stochastic analysis of long dry spells in Calabria (Southern Italy). <i>Theoretical and Applied Climatology</i> , <b>2017</b> , 127, 711-724	3	20
56	A proposal for a methodological approach to the characterisation of Widespread Landslide Events: an application to Southern Italy. <i>Natural Hazards and Earth System Sciences</i> , <b>2012</b> , 12, 165-173	3.9	20
55	The De Martonne aridity index in Calabria (Southern Italy). <i>Journal of Maps</i> , <b>2019</b> , 15, 788-796	2.2	19
54	Drought analysis in New Zealand using the standardized precipitation index. <i>Environmental Earth Sciences</i> , <b>2017</b> , 76, 1	2.9	19
53	Assessment of drought and its uncertainty in a southern Italy area (Calabria region). <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2018</b> , 113, 205-210	4.6	19
52	Trend analysis of significant wave height and energy period in southern Italy. <i>Theoretical and Applied Climatology</i> , <b>2019</b> , 138, 917-930	3	18
51	A stochastic model for the analysis of the temporal change of dry spells. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2015</b> , 29, 143-155	3.5	17
50	An Analysis of the Occurrence Probabilities of Wet and Dry Periods through a Stochastic Monthly Rainfall Model. <i>Water (Switzerland)</i> , <b>2016</b> , 8, 39	3	16

49	Analysis of damaging hydrogeological events in a Mediterranean region (Calabria). <i>Journal of Hydrology</i> , <b>2016</b> , 541, 510-522	6	16
48	Spatial uncertainty assessment in modelling reference evapotranspiration at regional scale. <i>Hydrology and Earth System Sciences</i> , <b>2010</b> , 14, 2319-2327	5.5	15
47	The history of rainfall data time-resolution in a wide variety of geographical areas. <i>Journal of Hydrology</i> , <b>2020</b> , 590, 125258	6	14
46	Assessment of seasonal and annual rainfall trend in Calabria (southern Italy) with the ITA method. <i>Journal of Hydroinformatics</i> , <b>2020</b> , 22, 738-748	2.6	13
45	Trends in the Daily Precipitation Categories of Calabria (Southern Italy). <i>Procedia Engineering</i> , <b>2016</b> , 162, 32-38		13
44	Spatial and temporal variability of daily precipitation concentration in the Sardinia region (Italy). <i>International Journal of Climatology</i> , <b>2019</b> , 39, 5006-5021	3.5	12
43	IMERG-Based Meteorological Drought Analysis over Italy. <i>Climate</i> , <b>2021</b> , 9, 65	3.1	11
42	Sensitivity to desertification of a high productivity area in Southern Italy. <i>Journal of Maps</i> , <b>2016</b> , 12, 573-581		9
41	Geochemical Characterization of Spring Waters in the Crati River Basin, Calabria (Southern Italy). <i>Geofluids</i> , <b>2019</b> , 2019, 1-16	1.5	9
40	Phytoclimatic map of Calabria (Southern Italy). <i>Journal of Maps</i> , <b>2014</b> , 10, 109-113	2.2	9
39	A Homogeneous Dataset for Rainfall Trend Analysis in the Calabria Region (Southern Italy). <i>Water (Switzerland)</i> , <b>2020</b> , 12, 2541	3	9
38	The Piano dell'Acqua Sinkholes (San Basile, Northern Calabria, Italy). <i>Bulletin of Engineering Geology and the Environment</i> , <b>2016</b> , 75, 37-52	4	8
37	Occurrence Probabilities of Wet and Dry Periods in Southern Italy through the SPI Evaluated on Synthetic Monthly Precipitation Series. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 336	3	8
36	A stochastic model for the analysis of maximum daily temperature. <i>Theoretical and Applied Climatology</i> , <b>2017</b> , 130, 275-289	3	8
35	Analysis of Monthly Rainfall Trend in Calabria (Southern Italy) through the Application of Statistical and Graphical Techniques. <i>Proceedings (mdpi)</i> , <b>2018</b> , 2, 629	0.3	7
34	Combining stochastic models of air temperature and vapour pressure for the analysis of the bioclimatic comfort through the Humidex. <i>Scientific Reports</i> , <b>2020</b> , 10, 11395	4.9	6
33	Spatial and Temporal Analysis of Dry and Wet Spells in the Wadi Cheliff Basin, Algeria. <i>Atmosphere</i> , <b>2021</b> , 12, 798	2.7	6
32	Can ICZM Contribute to the Mitigation of Erosion and of Human Activities Threatening the Natural and Cultural Heritage of the Coastal Landscape of Calabria?. <i>Sustainability</i> , <b>2021</b> , 13, 1122	3.6	6

31	Results of a long-term study on an experimental watershed in southern Italy. <i>Forum Geografic</i> , <b>2016</b> , XV, 55-65	1	5
30	Temporal Analysis of Rainfall Categories in Southern Italy (Calabria Region). <i>Environmental Processes</i> , <b>2017</b> , 4, 113-124	2.8	4
29	A Stochastic Approach for the Analysis of Long Dry Spells with Different Threshold Values in Southern Italy. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 2026	3	4
28	Analysis of the Characteristics of Dry and Wet Spells in a Mediterranean Region. <i>Environmental Processes</i> , <b>2020</b> , 7, 691-701	2.8	4
27	Civil protection and Damaging Hydrogeological Events: comparative analysis of the 2000 and 2015 events in Calabria (southern Italy). <i>Advances in Geosciences</i> , <b>2021</b> , 44, 101-113		3
26	Changes of Significant Wave Height, Energy Period and Wave Power in Italy in the Period 1979-2018. <i>Environmental Sciences Proceedings</i> , <b>2020</b> , 2, 3	1	3
25	A combined stochastic analysis of mean daily temperature and diurnal temperature range. <i>Theoretical and Applied Climatology</i> , <b>2019</b> , 135, 1349-1359	3	3
24	Trend Analysis of Rainfall Using Gridded Data over a Region of Southern Italy. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 2271	3	3
23	The Role of Water-Rock Interaction Processes in Soil Formation: Geochemical, Mineralogical, Geomorphological, and Engineering-Geological Aspects. <i>Geofluids</i> , <b>2019</b> , 2019, 1-4	1.5	2
22	TRMM-based rainfall temporal analysis over Italy. <i>SN Applied Sciences</i> , <b>2020</b> , 2, 1	1.8	2
21	The Long-Term ERA5 Data Series for Trend Analysis of Rainfall in Italy. <i>Hydrology</i> , <b>2022</b> , 9, 18	2.8	2
20	The Innovative Polygon Trend Analysis (IPTA) as a Simple Qualitative Method to Detect Changes in Environment Example Detecting Trends of the Total Monthly Precipitation in Semiarid Area. <i>Sustainability</i> , <b>2021</b> , 13, 12674	3.6	2
19	A Gridded Database for the Spatiotemporal Analysis of Rainfall in Southern Italy (Calabria Region). <i>Environmental Sciences Proceedings</i> , <b>2020</b> , 2, 6	1	2
18	A sub-regional approach to the influence analysis of teleconnection patterns on precipitation in Calabria (southern Italy). <i>International Journal of Climatology</i> , <b>2021</b> , 41, 4574	3.5	2
17	Analysis of the Spatiotemporal Annual Rainfall Variability in the Wadi Cheliff Basin (Algeria) over the Period 1970 to 2018. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 1477	3	2
16	Characterization of the 2017 Summer Heat Waves and Their Effects on the Population of an Area of Southern Italy. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	2
15	Analysis of temporal and spatial rainfall variability over the Wadi Sly basin, Algeria. <i>Arabian Journal of Geosciences</i> , <b>2021</b> , 14, 1	1.8	2
14	Climate change assessment: seasonal and annual temperature analysis trends in the Sardinia region (Italy). <i>Arabian Journal of Geosciences</i> , <b>2021</b> , 14, 1	1.8	1

13	Comparative Analysis of Different Spatial Interpolation Methods Applied to Monthly Rainfall as Support for Landscape Management. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 9566	2.6	1
12	Temporal Variability of Temperature Extremes in the Sardinia Region (Italy). <i>Hydrology</i> , <b>2020</b> , 7, 55	2.8	1
11	Trend Detection of Wave Parameters along the Italian Seas. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 1634	3	1
10	Impact of Infiltration Process Modeling on Runoff Simulations: The Bonis River Basin. <i>Proceedings (mdpi)</i> , <b>2018</b> , 2, 638	0.3	1
9	Meteorological and Hydrological Drought Risk Assessment Using Multi-Dimensional Copulas in the Wadi Ouahrane Basin in Algeria. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 653	3	1
8	Forecasting of SPI and SRI Using Multiplicative ARIMA under Climate Variability in a Mediterranean Region: Wadi Ouahrane Basin, Algeria. <i>Climate</i> , <b>2022</b> , 10, 36	3.1	1
7	Annual and seasonal trend detection of significant wave height, energy period and wave power in the Mediterranean Sea. <i>Ocean Engineering</i> , <b>2022</b> , 243, 110322	3.9	0
6	Environmental Estimation of Radiation Equivalent Dose Rates in Soils and Waters of Northern Calabria (Italy). <i>Geofluids</i> , <b>2021</b> , 2021, 1-8	1.5	0
5	Validation metrics of homogenization techniques on artificially inhomogenized monthly temperature networks in Sweden and Slovenia (1950-2005). <i>Scientific Reports</i> , <b>2021</b> , 11, 18288	4.9	0
4	Mapping Monthly Precipitation in New Zealand by Using Different Interpolation Methods. <i>Smart Innovation, Systems and Technologies</i> , <b>2021</b> , 1629-1639	0.5	
3	Integrated Coastal Zone Management of Natura 2000 and cultural heritage sites in Calabrian coastal landscape (Southern Italy). <i>Proceedings E Report</i> , 338-347		
2	Annual Precipitation Variability in Semi-Arid Area: The Wadi Cheliff Case Study, Algeria. <i>Environmental Science and Engineering</i> , <b>2021</b> , 923-927	0.2	
1	Integration of Forest Growth Component in the FEST-WB Distributed Hydrological Model: The Bonis Catchment Case Study. <i>Forests</i> , <b>2021</b> , 12, 1794	2.8	