

# Brunella Bonaccorso

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5733168/publications.pdf>

Version: 2024-02-01

29  
papers

1,203  
citations

686830

13  
h-index

676716

22  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1302  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial Variability of Drought: An Analysis of the SPI in Sicily. <i>Water Resources Management</i> , 2003, 17, 273-296.	1.9	293
2	Drought forecasting using the Standardized Precipitation Index. <i>Water Resources Management</i> , 2007, 21, 801-819.	1.9	242
3	Probabilistic characterization of drought properties through copulas. <i>Physics and Chemistry of the Earth</i> , 2009, 34, 596-605.	1.2	185
4	An analytical formulation of return period of drought severity. <i>Stochastic Environmental Research and Risk Assessment</i> , 2003, 17, 157-174.	1.9	98
5	Probabilistic forecasting of drought class transitions in Sicily (Italy) using Standardized Precipitation Index and North Atlantic Oscillation Index. <i>Journal of Hydrology</i> , 2015, 526, 136-150.	2.3	76
6	A new approach for processing climate missing databases applied to daily rainfall data in Soummam watershed, Algeria. <i>Heliyon</i> , 2019, 5, e01247.	1.4	40
7	Large Scale Probabilistic Drought Characterization Over Europe. <i>Water Resources Management</i> , 2013, 27, 1675-1692.	1.9	36
8	SPI-Based Probabilistic Analysis of Drought Areal Extent in Sicily. <i>Water Resources Management</i> , 2015, 29, 459-470.	1.9	30
9	The history of rainfall data time-resolution in a wide variety of geographical areas. <i>Journal of Hydrology</i> , 2020, 590, 125258.	2.3	29
10	Quality control of daily rainfall data with neural networks. <i>Journal of Hydrology</i> , 2009, 364, 13-22.	2.3	26
11	Evaluation of EURO-CORDEX (Coordinated Regional Climate Downscaling Experiment for the) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Italy: insights on drought assessment. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 3057-3082.	1.5	23
12	Regional sub-hourly extreme rainfall estimates in Sicily under a scale invariance framework. <i>Water Resources Management</i> , 2020, 34, 4363-4380.	1.9	19
13	Estimating Temporal Changes in Extreme Rainfall in Sicily Region (Italy). <i>Water Resources Management</i> , 2016, 30, 5651-5670.	1.9	16
14	A Modified IHACRES Rainfall-Runoff Model for Predicting the Hydrologic Response of a River Basin Connected with a Deep Groundwater Aquifer. <i>Water (Switzerland)</i> , 2019, 11, 2031.	1.2	15
15	Developing stage-specific drought vulnerability curves for maize: The case study of the Po River basin. <i>Agricultural Water Management</i> , 2022, 269, 107713.	2.4	14
16	A joint probabilistic index for objective drought identification: the case study of Haiti. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 471-487.	1.5	13
17	The Role of DEM Resolution and Evapotranspiration Assessment in Modeling Groundwater Resources Estimation: A Case Study in Sicily. <i>Water (Switzerland)</i> , 2020, 12, 2980.	1.2	11
18	Combining regional rainfall frequency analysis and rainfall-runoff modelling to derive frequency distributions of peak flows in ungauged basins: a proposal for Sicily region (Italy). <i>Advances in Geosciences</i> , 0, 44, 15-22.	12.0	9

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19	Flood and landslide warning based on rainfall thresholds and soil moisture indexes: the HEWS (Hydrohazards Early Warning System) for Sicily. <i>Advances in Geosciences</i> , 0, 44, 79-88.	12.0	8
20	Quantifying Groundwater Resources for Municipal Water Use in a Data-Scarce Region. <i>Hydrology</i> , 2021, 8, 184.	1.3	8
21	A Non-Stationary Analytical Framework for the Probabilistic Characterization of Drought Events. , 2016, , .		2
22	A Modified IHACRES Rainfallâ€“Runoff Model for Predicting Hydrologic Response of a River Basin System with a Relevant Groundwater Component. <i>Proceedings (mdpi)</i> , 2019, 7, 24.	0.2	2
23	Statistical modeling of monthly rainfall variability in Soummam watershed of Algeria, between 1967 and 2018. <i>Natural Resource Modelling</i> , 2020, 33, e12288.	0.8	2
24	Uncertainty Analysis of the Standardized Precipitation Index within a Non-Stationary Framework. , 2017, , .		1
25	Discussion of â€œHow to improve attribution of changes in drought and flood impactsâ€• <i>Hydrological Sciences Journal</i> , 2020, 65, 489-490.	1.2	1
26	Characterizing Drought Risk in a Sicilian River Basin. , 2009, , 187-219.		1
27	Preface: Recent advances in drought and water scarcity monitoring, modelling, and forecasting. <i>Natural Hazards and Earth System Sciences</i> , 2022, 22, 1857-1862.	1.5	1
28	Evaluating the Influence of DEM Resolution and Potential Evapotranspiration Assessment on Groundwater Resources Estimation with a Reverse Hydrogeological Balance Method. <i>Proceedings (mdpi)</i> , 2019, 48, .	0.2	0
29	Analysis of Extreme Hydrometeorological Events. <i>Resources</i> , 2022, 11, 55.	1.6	0