Annarita Mariotti

List of Publications by Year
in descending order

52 papers	4,380 citations	172457 29 h-index	197818 49 g-index
53 all docs	53 docs citations	53 times ranked	6486 citing authors

#	Article	IF	Citations
1	Causes and Predictability of the 2012 Great Plains Drought. Bulletin of the American Meteorological Society, 2014, 95, 269-282.	3.3	374
2	The Hydrological Cycle in the Mediterranean Region and Implications for the Water Budget of the Mediterranean Sea. Journal of Climate, 2002, 15, 1674-1690.	3.2	320
3	HyMeX: A 10-Year Multidisciplinary Program on the Mediterranean Water Cycle. Bulletin of the American Meteorological Society, 2014, 95, 1063-1082.	3.3	288
4	Causes and impacts of the 2005 Amazon drought. Environmental Research Letters, 2008, 3, 014002.	5.2	285
5	North American Climate in CMIP5 Experiments. Part I: Evaluation of Historical Simulations of Continental and Regional Climatology. Journal of Climate, 2013, 26, 9209-9245.	3.2	242
6	North American Climate in CMIP5 Experiments: Part III: Assessment of Twenty-First-Century Projections*. Journal of Climate, 2014, 27, 2230-2270.	3.2	231
7	Mediterranean water cycle changes: transition to drier 21st century conditions in observations and CMIP3 simulations. Environmental Research Letters, 2008, 3, 044001.	5.2	203
8	Euro-Mediterranean rainfall and ENSOâ€”a seasonally varying relationship. Geophysical Research Letters, 2002, 29, 59-1.	4.0	188
9	Long-term climate change in the Mediterranean region in the midst of decadal variability. Climate Dynamics, 2015, 44, 1437-1456.	3.8	173
10	Global Meteorological Drought: A Synthesis of Current Understanding with a Focus on SST Drivers of Precipitation Deficits. Journal of Climate, 2016, 29, 3989-4019.	3.2	161
11	How ENSO impacts precipitation in southwest central Asia. Geophysical Research Letters, 2007, 34, .	4.0	136
12	River Discharge into the Mediterranean Sea: Climatology and Aspects of the Observed Variability. Journal of Climate, 2004, 17, 4740-4751.	3.2	132
13	North American Climate in CMIP5 Experiments. Part II: Evaluation of Historical Simulations of Intraseasonal to Decadal Variability. Journal of Climate, 2013, 26, 9247-9290.	3.2	124
14	Windows of Opportunity for Skillful Forecasts Subseasonal to Seasonal and Beyond. Bulletin of the American Meteorological Society, 2020, 101, E608-E625.	3.3	124
15	Decadal climate variability in the Mediterranean region: roles of large-scale forcings and regional processes. Climate Dynamics, 2012, 38, 1129-1145.	3.8	122
16	Vortex stripping and the erosion of coherent structures in twoâ€dimensional flows. Physics of Fluids, 1994, 6, 3954-3962.	4.0	121
17	Chapter 1 Mediterranean climate variability over the last centuries: A review. Developments in Earth and Environmental Sciences, 2006, 4, 27-148.	0.1	105
18	Recent Changes in the Mediterranean Water Cycle: A Pathway toward Long-Term Regional Hydroclimatic Change?. Journal of Climate, 2010, 23, 1513-1525.	3.2	105

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19	Progress in subseasonal to seasonal prediction through a joint weather and climate community effort. Npj Climate and Atmospheric Science, 2018, 1, .	6.8	78
20	Prospects for Advancing Drought Understanding, Monitoring, and Prediction. Journal of Hydrometeorology, 2015, 16, 1636-1657.	1.9	72
21	Chapter 3 Relations between variability in the Mediterranean region and mid-latitude variability. Developments in Earth and Environmental Sciences, 2006, , 179-226.	0.1	71
22	Robust assessment of the expansion and retreat of Mediterranean climate in the 21st century. Scientific Reports, 2014, 4, 7211.	3.3	64
23	Tropical influence on Euro-Asian autumn rainfall variability. Climate Dynamics, 2005, 24, 511-521.	3.8	61
24	Seasonal-to-interannual prediction of North American coastal marine ecosystems: Forecast methods, mechanisms of predictability, and priority developments. Progress in Oceanography, 2020, 183, 102307.	3.2	61
25	Chapter 2 Relations between climate variability in the Mediterranean region and the tropics: ENSO, South Asian and African monsoons, hurricanes and Saharan dust. Developments in Earth and Environmental Sciences, 2006, , 149-177.	0.1	57
26	The Role of Forcings in the Twentieth-Century North Atlantic Multidecadal Variability: The 1940â€“75 North Atlantic Cooling Case Study. Journal of Climate, 2017, 30, 7317-7337.	3.2	57
27	Variability of Basin-Scale Terrestrial Water Storage from a PER Water Budget Method: The Amazon and the Mississippi. Journal of Climate, 2008, 21, 248-265.	3.2	50
28	The Climate of the Mediterranean Region in Future Climate Projections. , 2012, , 449-502.		36
29	Process-Oriented Evaluation of Climate and Weather Forecasting Models. Bulletin of the American Meteorological Society, 2019, 100, 1665-1686.	3.3	36
30	Decadal variability of net water flux at the Mediterranean Sea Gibraltar Strait. Global and Planetary Change, 2013, 100, 1-10.	3.5	30
31	Sensitivity of natural vegetation to climate change in the Euro-Mediterranean area. Climate Research, 2011, 46, 277-292.	1.1	29
32	The North Atlantic Oscillation and oceanic precipitation variability. Climate Dynamics, 2006, 28, 35-51.	3.8	28
33	Large-Scale Atmospheric Circulation Driving Extreme Climate Events in the Mediterranean and its Related Impacts. , 2012, , 347-417.		25
34	Future Climate Projections. Advances in Global Change Research, 2013, , 53-118.	1.6	24
35	The Evolution of the Ozone â€œCollarâ€•in the Antarctic Lower Stratosphere during Early August 1994. Journals of the Atmospheric Sciences, 2000, 57, 402-414.	1.7	20
36	High-Resolution Stratospheric Tracer Fields Reconstructed with Lagrangian Techniques: A Comparative Analysis of Predictive Skill. Journals of the Atmospheric Sciences, 2002, 59, 1943-1958.	1.7	20

#	Article	IF	Citations
37	Human-environmental interactions in Mediterranean climate regions from the Pleistocene to the Anthropocene. Anthropocene, 2020, 31, 100253.	3.3	20
38	Advancing Drought Understanding, Monitoring, and Prediction. Bulletin of the American Meteorological Society, 2013, 94, ES186-ES188.	3.3	19
39	Prospects for decadal climate prediction in the Mediterranean region. Quarterly Journal of the Royal Meteorological Society, 2015, 141, 580-597.	2.7	19
40	Evaluation of simulated decadal variations over the Euro-Mediterranean region from ENSEMBLES to Med-CORDEX. Climate Dynamics, 2018, 51, 857-876.	3.8	16
41	Dynamical prediction of terrestrial ecosystems and the global carbon cycle: A 25â€year hindcast experiment. Global Biogeochemical Cycles, 2008, 22, .	4.9	10
42	Past and Current Climate Changes in the Mediterranean Region. Advances in Global Change Research, 2013, , 9-51.	1.6	9
43	Analyzing the Mediterranean Water Cycle Via Satellite Data Integration. Pure and Applied Geophysics, 2018, 175, 3909-3937.	1.9	9
44	Covariability of Central America/Mexico winter precipitation and tropical sea surface temperatures. Climate Dynamics, 2018, 50, 4335-4346.	3.8	8
45	The Hydrological Cycle of the Mediterranean. Advances in Global Change Research, 2013, , 201-239.	1.6	4
46	Coordination to Understand and Reduce Global Model Biases by U.S. and Chinese Institutions. Bulletin of the American Meteorological Society, 2018, 99, ES109-ES113.	3.3	4
47	Bridging the Weather-to-Climate Prediction Gap. Eos, 2019, 100, .	0.1	4
48	Forecasts of Opportunity: Opening Windows of Skill, Subseasonal and Beyond. Bulletin of the American Meteorological Society, 2020, 101, 597-601.	3.3	2
49	Preface to CFSv2 topical collection. Climate Dynamics, 2014, 43, 2309-2309.	3.8	1
50	Female climate science pioneer steps out of obscurity. Nature, 2019, 571, 174-174.	27.8	1
51	NOAA General Modeling Meeting and Fair Brings Together Its Modeling Enterprise. Bulletin of the American Meteorological Society, 2019, 100, ES121-ES123.	3.3	0
52	Analyzing the Mediterranean Water Cycle Via Satellite Data Integration. Pageoph Topical Volumes, 2019, , 189-217.	0.2	0