Stefano Materia

List of Publications by Year
in descending order

26 papers	1,000 citations	516710 16 h-index	552781 26 g-index
26 all docs	26 docs citations	26 times ranked	1925 citing authors

#	Article	IF	Citations
1	Precipitation response to extreme soil moisture conditions over the Mediterranean. Climate Dynamics, 2022, 58, 1927-1942.	3.8	8
2	El NiÃ±o teleconnection to the Euro-Mediterranean late-winter: the role of extratropical Pacific modulation. Climate Dynamics, 2022, 58, 2009-2029.	3.8	10
3	Summer temperature response to extreme soil water conditions in the Mediterranean transitional climate regime. Climate Dynamics, 2022, 58, 1943-1963.	3.8	15
4	Seasonal prediction of European summer heatwaves. Climate Dynamics, 2022, 58, 2149-2166.	3.8	19
5	On the role of Eurasian autumn snow cover in dynamical seasonal predictions. Climate Dynamics, 2022, 58, 2031-2045.	3.8	6
6	CMIP6 Simulations With the CMCC Earth System Model (CMCCâ€ESM2). Journal of Advances in Modeling Earth Systems, 2022, 14, .	3.8	75
7	Advances in the Subseasonal Prediction of Extreme Events: Relevant Case Studies across the Globe. Bulletin of the American Meteorological Society, 2022, 103, E1473-E1501.	3.3	29
8	Climate change impacts on phenology and yield of hazelnut in Australia. Agricultural Systems, 2021, 186, 102982.	6.1	7
9	Plant phenology evaluation of CRESCENDO land surface models â€“ Part 1: Start and end of the growing season. Biogeosciences, 2021, 18, 2405-2428.	3.3	19
10	Impact of Initialized Land Surface Temperature and Snowpack on Subseasonal to Seasonal Prediction Project, Phase I (LS4P-I): organization and experimental design. Geoscientific Model Development, 2021, 14, 4465-4494.	3.6	31
11	Multimodel Subseasonal Forecasts of Spring Cold Spells: Potential Value for the Hazelnut Agribusiness. Weather and Forecasting, 2020, 35, 237-254.	1.4	12
12	Interdisciplinary Regional Collaboration for Public Health Adaptation to Climate Change in the Eastern Mediterranean. Bulletin of the American Meteorological Society, 2020, 101, E1685-E1689.	3.3	4
13	North Atlantic Circulation Regimes and Heat Transport by Synoptic Eddies. Journal of Climate, 2020, 33, 4769-4785.	3.2	8
14	Soil carbon sequestration simulated in CMIP6-LUMIP models: implications for climatic mitigation. Environmental Research Letters, 2020, 15, 124061.	5.2	35
15	Global Mean Climate and Main Patterns of Variability in the CMCCâ€CM2 Coupled Model. Journal of Advances in Modeling Earth Systems, 2019, 11, 185-209.	3.8	202
16	Global Variability of Simulated and Observed Vegetation Growing Season. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 3569-3587.	3.0	23
17	A Multisystem View of Wintertime NAO Seasonal Predictions. Journal of Climate, 2017, 30, 1461-1475.	3.2	69
18	LS3MIP (v1.0) contribution to CMIP6: the Land Surface, Snow and Soil moisture Model Intercomparison Project â€“ aims, setup and expected outcome. Geoscientific Model Development, 2016, 9, 2809-2832.	3.6	152

#	Article	IF	Citations
19	DRY and BULK atmospheric nitrogen deposition to a West-African humid forest exposed to terrestrial and oceanic sources. Agricultural and Forest Meteorology, 2016, 218-219, 184-195.	4.8	9
20	Advancements in decadal climate predictability: The role of nonoceanic drivers. Reviews of Geophysics, 2015, 53, 165-202.	23.0	81
21	Prediction of Indian Summer Monsoon Onset Using Dynamical Subseasonal Forecasts: Effects of Realistic Initialization of the Atmosphere. Monthly Weather Review, 2015, 143, 778-793.	1.4	40
22	Seasonal trends of dry and bulk concentration of nitrogen compounds over a rain forest in Ghana. Biogeosciences, 2014, 11, 3069-3081.	3.3	7
23	The Representation of Atmospheric Blocking and the Associated Low-Frequency Variability in Two Seasonal Prediction Systems. Journal of Climate, 2014, 27, 9082-9100.	3.2	26
24	Impact of Atmosphere and Land Surface Initial Conditions on Seasonal Forecasts of Global Surface Temperature. Journal of Climate, 2014, 27, 9253-9271.	3.2	35
25	The effect of Congo River freshwater discharge on Eastern Equatorial Atlantic climate variability. Climate Dynamics, 2012, 39, 2109-2125.	3.8	38
26	The Sensitivity of Simulated River Discharge to Land Surface Representation and Meteorological Forcings. Journal of Hydrometeorology, 2010, 11, 334-351.	1.9	40