

# Annalisa Cherchi

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,708  
citations

346980

22  
h-index

340414

39  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2670  
citing authors

#	ARTICLE	IF	CITATIONS
1	CMIP6 Simulations With the CMCC Earth System Model (CMCCâ€SM2). Journal of Advances in Modeling Earth Systems, 2022, 14, .	1.3	75
2	The Extreme Positive Indian Ocean Dipole of 2019 and Associated Indian Summer Monsoon Rainfall Response. Geophysical Research Letters, 2021, 48, e2020GL091497.	1.5	64
3	South Asian summer monsoon and subtropical deserts. , 2021, , 299-318.		0
4	Indian Ocean Dipole influence on Indian summer monsoon and ENSO: A review. , 2021, , 157-182.		12
5	An assessment of the Indian Ocean mean state and seasonal cycle in a suite of interannual CORE-II simulations. Ocean Modelling, 2020, 145, 101503.	1.0	20
6	Quantification of the Arctic Sea Iceâ€Driven Atmospheric Circulation Variability in Coordinated Large Ensemble Simulations. Geophysical Research Letters, 2020, 47, e2019GL085397.	1.5	29
7	Changes in the future summer Mediterranean climate: contribution of teleconnections and local factors. Earth System Dynamics, 2020, 11, 161-181.	2.7	29
8	The typhoon-induced drying of the Maritime Continent. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3983-3988.	3.3	15
9	Advances in understanding largeâ€scale responses of the water cycle to climate change. Annals of the New York Academy of Sciences, 2020, 1472, 49-75.	1.8	226
10	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.	1.3	202
11	Connecting AMOC changes. Nature Climate Change, 2019, 9, 729-730.	8.1	3
12	<scp>ENSO</scp> and the recent warming of the Indian Ocean. International Journal of Climatology, 2018, 38, 203-214.	1.5	23
13	Remote SST forcing on Indian summer monsoon extreme years in AGCM experiments. International Journal of Climatology, 2018, 38, e160.	1.5	3
14	The Response of Subtropical Highs to Climate Change. Current Climate Change Reports, 2018, 4, 371-382.	2.8	51
15	EVALUATION OF AMIP-TYPE ATMOSPHERIC FIELDS AS FORCING FOR. Annals of Geophysics, 2018, 61, .	0.5	0
16	The unusual wet summer (July) of 2014 in Southern Europe. Atmospheric Research, 2017, 189, 61-68.	1.8	7
17	Twenty-first century projected summer mean climate in the Mediterranean interpreted through the monsoon-desert mechanism. Climate Dynamics, 2016, 47, 2361-2371.	1.7	12
18	Moisture variability over the Indo-Pacific region and its influence on the Indian summer monsoon rainfall. Climate Dynamics, 2016, 46, 949-965.	1.7	37

#	ARTICLE	IF	CITATIONS
19	Extreme events in the La Plata basin: a retrospective analysis of what we have learned during CLARIS-LPB project. <i>Climate Research</i> , 2016, 68, 95-116.	0.4	36
20	A coupled model study on the Atlantic Meridional Overturning Circulation under extreme atmospheric CO2 conditions. <i>Annals of Geophysics</i> , 2016, 59, .	0.5	0
21	Indian monsoon and the elevated heat pump mechanism in a coupled aerosol-climate model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 8712-8723.	1.2	26
22	Impact of global SST gradients on the Mediterranean runoff changes across the Plio-Pleistocene transition. <i>Paleoceanography</i> , 2015, 30, 751-767.	3.0	6
23	Prediction of Indian Summer Monsoon Onset Using Dynamical Subseasonal Forecasts: Effects of Realistic Initialization of the Atmosphere. <i>Monthly Weather Review</i> , 2015, 143, 778-793.	0.5	40
24	Precipitation extremes over La Plata Basin – Review and new results from observations and climate simulations. <i>Journal of Hydrology</i> , 2015, 523, 211-230.	2.3	75
25	Modeling Northern Hemisphere ice-sheet distribution during MIS 5 and MIS 7 glacial inceptions. <i>Climate of the Past</i> , 2014, 10, 269-291.	1.3	12
26	Impact of Orbital Parameters and Greenhouse Gas on the Climate of MIS 7 and MIS 5 Glacial Inceptions. <i>Journal of Climate</i> , 2014, 27, 8918-8933.	1.2	7
27	South Asian Summer Monsoon and the Eastern Mediterranean Climate: The Monsoon – Desert Mechanism in CMIP5 Simulations. <i>Journal of Climate</i> , 2014, 27, 6877-6903.	1.2	43
28	La Plata basin precipitation variability in spring: role of remote SST forcing as simulated by GCM experiments. <i>Climate Dynamics</i> , 2014, 42, 219-236.	1.7	9
29	Robust assessment of the expansion and retreat of Mediterranean climate in the 21st century. <i>Scientific Reports</i> , 2014, 4, 7211.	1.6	64
30	Influence of ENSO and of the Indian Ocean Dipole on the Indian summer monsoon variability. <i>Climate Dynamics</i> , 2013, 41, 81-103.	1.7	94
31	Testing for the Possible Influence of Unknown Climate Forcings upon Global Temperature Increases from 1950 to 2000. <i>Journal of Climate</i> , 2012, 25, 7163-7172.	1.2	6
32	Tropical Pacific – North Pacific teleconnection in a coupled GCM: remote and local effects. <i>International Journal of Climatology</i> , 2012, 32, 1640-1653.	1.5	6
33	ENSO and Its Effects on the Atmospheric Heating Processes. <i>Journal of the Meteorological Society of Japan</i> , 2012, 90, 35-57.	0.7	3
34	Effects of increased CO2 levels on monsoons. <i>Climate Dynamics</i> , 2011, 37, 83-101.	1.7	89
35	Climate Sensitivity to Changes in Ocean Heat Transport. <i>Journal of Climate</i> , 2011, 24, 5015-5030.	1.2	9
36	Climate forcings and climate sensitivities diagnosed from atmospheric global circulation models. <i>Climate Dynamics</i> , 2010, 35, 1461-1475.	1.7	12

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37	The INGVâ€™CMCC Seasonal Prediction System: Improved Ocean Initial Conditions. Monthly Weather Review, 2010, 138, 2930-2952.	0.5	43
38	The CLIVAR C20C project: which components of the Asianâ€™Australian monsoon circulation variations are forced and reproducible?. Climate Dynamics, 2009, 33, 1051-1068.	1.7	107
39	Impact of extreme CO2 levels on tropical climate: a CGCM study. Climate Dynamics, 2008, 31, 743-758.	1.7	18
40	The Influence of Tropical Indian Ocean SST on the Indian Summer Monsoon. Journal of Climate, 2007, 20, 3083-3105.	1.2	65
41	Heatwaves in Europe: areas of homogeneous variability and links with the regional to large-scale atmospheric and SSTs anomalies. Climate Dynamics, 2007, 30, 77-98.	1.7	56
42	Sensitivity of the Asian summer monsoon to the horizontal resolution: differences between AMIP-type and coupled model experiments. Climate Dynamics, 2006, 28, 273-290.	1.7	29
43	Reproducibility and predictability of the Asian summer monsoon in the ECHAM4-GCM. Climate Dynamics, 2003, 20, 365-379.	1.7	42