

Marta Llopart

List of Publications by Year in descending order

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516710

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Future Global Meteorological Drought Hot Spots: A Study Based on CORDEX Data. <i>Journal of Climate</i> , 2020, 33, 3635-3661.	3.2	230
2	Changes in extremes and hydroclimatic regimes in the CREMA ensemble projections. <i>Climatic Change</i> , 2014, 125, 39-51.	3.6	113
3	Climate change impact on precipitation for the Amazon and La Plata basins. <i>Climatic Change</i> , 2014, 125, 111-125.	3.6	68
4	The state of the art and fundamental aspects of regional climate modeling in South America. <i>Annals of the New York Academy of Sciences</i> , 2019, 1436, 98-120.	3.8	68
5	Assessment of multi-model climate projections of water resources over South America CORDEX domain. <i>Climate Dynamics</i> , 2020, 54, 99-116.	3.8	61
6	Present and future climatologies in the phase I CREMA experiment. <i>Climatic Change</i> , 2014, 125, 23-38.	3.6	55
7	Land Use Change over the Amazon Forest and Its Impact on the Local Climate. <i>Water (Switzerland)</i> , 2018, 10, 149.	2.7	53
8	Interannual variability associated with ENSO: present and future climate projections of RegCM4 for South America-CORDEX domain. <i>Climatic Change</i> , 2014, 125, 95-109.	3.6	46
9	Extratropical cyclones over the southwestern South Atlantic Ocean: HadGEM2-ES and RegCM4 projections. <i>International Journal of Climatology</i> , 2018, 38, 2866-2879.	3.5	44
10	Assessment of RegCM4.3 over the CORDEX South America domain: sensitivity analysis for physical parameterization schemes. <i>Climate Research</i> , 2014, 60, 215-234.	1.1	40
11	The CORDEX-CORE EXP-I Initiative: Description and Highlight Results from the Initial Analysis. <i>Bulletin of the American Meteorological Society</i> , 2022, 103, E293-E310.	3.3	35
12	The CORDEX Flagship Pilot Study in southeastern South America: a comparative study of statistical and dynamical downscaling models in simulating daily extreme precipitation events. <i>Climate Dynamics</i> , 2021, 56, 1589-1608.	3.8	31
13	Sensitivity of simulated South America climate to the land surface schemes in RegCM4. <i>Climate Dynamics</i> , 2017, 49, 3975-3987.	3.8	30
14	Future changes in the wintertime cyclonic activity over the CORDEX-CORE southern hemisphere domains in a multi-model approach. <i>Climate Dynamics</i> , 2021, 57, 1533.	3.8	30
15	Global exposure of population and land use to meteorological droughts under different warming levels and SSPs: A CORDEX-based study. <i>International Journal of Climatology</i> , 2021, 41, 6825-6853.	3.5	26
16	Changes in Koppen-Trewartha climate classification over South America from RegCM4 projections. <i>Atmospheric Science Letters</i> , 2017, 18, 427-434.	1.9	20
17	Assessing changes in the atmospheric water budget as drivers for precipitation change over two CORDEX-CORE domains. <i>Climate Dynamics</i> , 2021, 57, 1615.	3.8	18
18	Contribution of cold fronts to seasonal rainfall in simulations over the southern La Plata Basin. <i>Climate Research</i> , 2016, 68, 243-255.	1.1	16

#	ARTICLE	IF	CITATIONS
19	Climate Change Impacts on the South American Monsoon System and Its Surfaceâ€‘Atmosphere Processes Through RegCM4 CORDEX-CORE Projections. Earth Systems and Environment, 2021, 5, 825-847.	6.2	12
20	PrevisÃ£o ClimÃ¡tica Sazonal para o Brasil Obtida AtravÃ©s de Modelos ClimÃ¡ticos Globais e Regional. Revista Brasileira De Meteorologia, 2018, 33, 207-224.	0.5	10
21	On the sensitivity of the Amazon surface climate to two landâ€‘surface hydrology schemes using a highâ€‘resolution regional climate model (<scp>RegCM4</scp>). International Journal of Climatology, 2022, 42, 2311-2327.	3.5	6
22	ProjeÃ§Ãµes ClimÃ¡ticas de Temperatura do Ar e PrecipitaÃ§Ã£o para o Estado de SÃ£o Paulo Utilizando o Modelo Regional RegCM4. Anuario Do Instituto De Geociencias, 0, 44, .	0.2	3