Rodrigo Manzanas

List of Publications by Year
in descending order

41 papers	1,684 citations	331670 21 h-index	302126 39 g-index
46 all docs	46 docs citations	46 times ranked	1793 citing authors

#	Article	IF	Citations
1	An update of IPCC climate reference regions for subcontinental analysis of climate model data: definition and aggregated datasets. Earth System Science Data, 2020, 12, 2959-2970.	9.9	210
2	An intercomparison of a large ensemble of statistical downscaling methods over Europe: Results from the VALUE perfect predictor crossâ€validation experiment. International Journal of Climatology, 2019, 39, 3750-3785.	3.5	164
3	Reassessing Statistical Downscaling Techniques for Their Robust Application under Climate Change Conditions. Journal of Climate, 2013, 26, 171-188.	3.2	145
4	Configuration and intercomparison of deep learning neural models for statistical downscaling. Geoscientific Model Development, 2020, 13, 2109-2124.	3.6	89
5	The R-based climate4R open framework for reproducible climate data access and post-processing. Environmental Modelling and Software, 2019, 111, 42-54.	4.5	81
6	Dynamical and statistical downscaling of seasonal temperature forecasts in Europe: Added value for user applications. Climate Services, 2018, 9, 44-56.	2.5	79
7	Precipitation From Persistent Extremes is Increasing in Most Regions and Globally. Geophysical Research Letters, 2019, 46, 6041-6049.	4.0	79
8	Precipitation variability and trends in Ghana: An intercomparison of observational and reanalysis products. Climatic Change, 2014, 124, 805-819.	3.6	75
9	Reassessing Model Uncertainty for Regional Projections of Precipitation with an Ensemble of Statistical Downscaling Methods. Journal of Climate, 2017, 30, 203-223.	3.2	53
10	Bias adjustment and ensemble recalibration methods for seasonal forecasting: a comprehensive intercomparison using the C3S dataset. Climate Dynamics, 2019, 53, 1287-1305.	3.8	50
11	Validation of 40 year multimodel seasonal precipitation forecasts: The role of ENSO on the global skill. Journal of Geophysical Research D: Atmospheres, 2014, 119, 1708-1719.	3.3	49
12	An Occupational Heatâ€“Health Warning System for Europe: The HEAT-SHIELD Platform. International Journal of Environmental Research and Public Health, 2019, 16, 2890.	2.6	46
13	Can bias correction and statistical downscaling methods improve the skill of seasonal precipitation forecasts?. Climate Dynamics, 2018, 50, 1161-1176.	3.8	45
14	Statistical downscaling with the downscaleR package (v3.1.0): contribution to the VALUE intercomparison experiment. Geoscientific Model Development, 2020, 13, 1711-1735.	3.6	40
15	Statistical Downscaling in the Tropics Can Be Sensitive to Reanalysis Choice: A Case Study for Precipitation in the Philippines. Journal of Climate, 2015, 28, 4171-4184.	3.2	38
16	Dynamical and statistical downscaling of a global seasonal hindcast in eastern Africa. Climate Services, 2018, 9, 72-85.	2.5	36
17	Seasonal Predictability of Wintertime Precipitation in Europe Using the Snow Advance Index. Journal of Climate, 2012, 25, 4023-4028.	3.2	29
18	Impacts of climate change on the streamflow of a large river basin in the Australian tropics using optimally selected climate model outputs. Journal of Cleaner Production, 2021, 315, 128091.	9.3	27

#	Article	IF	Citations
19	Extreme Precipitation on Consecutive Days Occurs More Often in a Warming Climate. Bulletin of the American Meteorological Society, 2022, 103, E1130-E1145.	3.3	26
20	The ECOMS User Data Gateway: Towards seasonal forecast data provision and research reproducibility in the era of Climate Services. Climate Services, 2018, 9, 33-43.	2.5	25
21	An R package to visualize and communicate uncertainty in seasonal climate prediction. Environmental Modelling and Software, 2018, 99, 101-110.	4.5	24
22	The land management tool: Developing a climate service in Southwest UK. Climate Services, 2018, 9, 86-100.	2.5	23
23	Subseasonal hydrometeorological ensemble predictions in small- and medium-sized mountainous catchments: benefits of the NWP approach. Hydrology and Earth System Sciences, 2019, 23, 493-513.	4.9	22
24	On the suitability of deep convolutional neural networks for continental-wide downscaling of climate change projections. Climate Dynamics, 2021, 57, 2941-2951.	3.8	20
25	Estimating changes in air pollutant levels due to COVID-19 lockdown measures based on a business-as-usual prediction scenario using data mining models: A case-study for urban traffic sites in Spain. Science of the Total Environment, 2022, 823, 153786.	8.0	20
26	How to create an operational multi-model of seasonal forecasts?. Climate Dynamics, 2020, 55, 1141-1157.	3.8	16
27	Modeling streamflow using multiple precipitation products in a topographically complex catchment. Modeling Earth Systems and Environment, 2022, 8, 1875-1885.	3.4	15
28	Climate Trends and Extremes in the Indus River Basin, Pakistan: Implications for Agricultural Production. Atmosphere, 2022, 13, 378.	2.3	15
29	Assessing the impact of climate change on wheat and sugarcane with the AquaCrop model along the Indus River Basin, Pakistan. Agricultural Water Management, 2021, 253, 106909.	5.6	13
30	Process-conditioned bias correction for seasonal forecasting: a case-study with ENSO in Peru. Climate Dynamics, 2019, 52, 1673-1683.	3.8	12
31	Assessment of Model Drifts in Seasonal Forecasting: Sensitivity to Ensemble Size and Implications for Bias Correction. Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS001751.	3.8	12
32	Impacts of Climate Change on the Hydrometeorological Characteristics of the Soan River Basin, Pakistan. Atmosphere, 2021, 12, 792.	2.3	12
33	A Posteriori Random Forests for Stochastic Downscaling of Precipitation by Predicting Probability Distributions. Water Resources Research, 2022, 58, .	4.2	12
34	The Weather Roulette: A Game to Communicate the Usefulness of Probabilistic Climate Predictions. Bulletin of the American Meteorological Society, 2019, 100, 1909-1921.	3.3	11
35	Changes in mean and extreme temperature and precipitation events from different weighted multi-model ensembles over the northern half of Morocco. Climate Dynamics, 2022, 58, 389-404.	3.8	11
36	Statistical downscaling or bias adjustment? A case study involving implausible climate change projections of precipitation in Malawi. Climatic Change, 2020, 162, 1437-1453.	3.6	10

#	Article	IF	Citations
37	Statistical adjustment, calibration and downscaling of seasonal forecasts: a case-study for Southeast Asia. Climate Dynamics, 2020, 54, 2869-2882.	3.8	9
38	Assessing Multidomain Overlaps and Grand Ensemble Generation in CORDEX Regional Projections. Geophysical Research Letters, 2020, 47, e2019GL086799.	4.0	8
39	The METACLIP semantic provenance framework for climate products. Environmental Modelling and Software, 2019, 119, 445-457.	4.5	7
40	Assessing the suitability of statistical downscaling approaches for seasonal forecasting in Senegal. Atmospheric Science Letters, 2017, 18, 381-386.	1.9	3
41	Modeling implications of climate induced streamflow changes on the fish species of the Soan River, Pakistan. Modeling Earth Systems and Environment, 0, , 1.	3.4	1