

Rodrigo Manzanas

List of Publications by Year in descending order

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Version: 2024-02-01

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	Modeling streamflow using multiple precipitation products in a topographically complex catchment. <i>Modeling Earth Systems and Environment</i> , 2022, 8, 1875-1885.	3.4	15
2	Changes in mean and extreme temperature and precipitation events from different weighted multi-model ensembles over the northern half of Morocco. <i>Climate Dynamics</i> , 2022, 58, 389-404.	3.8	11
3	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. <i>Science of the Total Environment</i> , 2022, 823, 153786.	8.0	20
4	Climate Trends and Extremes in the Indus River Basin, Pakistan: Implications for Agricultural Production. <i>Atmosphere</i> , 2022, 13, 378.	2.3	15
5	A Posteriori Random Forests for Stochastic Downscaling of Precipitation by Predicting Probability Distributions. <i>Water Resources Research</i> , 2022, 58, .	4.2	12
6	Extreme Precipitation on Consecutive Days Occurs More Often in a Warming Climate. <i>Bulletin of the American Meteorological Society</i> , 2022, 103, E1130-E1145.	3.3	26
7	On the suitability of deep convolutional neural networks for continental-wide downscaling of climate change projections. <i>Climate Dynamics</i> , 2021, 57, 2941-2951.	3.8	20
8	Impacts of Climate Change on the Hydrometeorological Characteristics of the Soan River Basin, Pakistan. <i>Atmosphere</i> , 2021, 12, 792.	2.3	12
9	Assessing the impact of climate change on wheat and sugarcane with the AquaCrop model along the Indus River Basin, Pakistan. <i>Agricultural Water Management</i> , 2021, 253, 106909.	5.6	13
10	Impacts of climate change on the streamflow of a large river basin in the Australian tropics using optimally selected climate model outputs. <i>Journal of Cleaner Production</i> , 2021, 315, 128091.	9.3	27
11	Statistical downscaling or bias adjustment? A case study involving implausible climate change projections of precipitation in Malawi. <i>Climatic Change</i> , 2020, 162, 1437-1453.	3.6	10
12	Configuration and intercomparison of deep learning neural models for statistical downscaling. <i>Geoscientific Model Development</i> , 2020, 13, 2109-2124.	3.6	89
13	Statistical downscaling with the downscaleR package (v3.1.0): contribution to the VALUE intercomparison experiment. <i>Geoscientific Model Development</i> , 2020, 13, 1711-1735.	3.6	40
14	How to create an operational multi-model of seasonal forecasts?. <i>Climate Dynamics</i> , 2020, 55, 1141-1157.	3.8	16
15	Statistical adjustment, calibration and downscaling of seasonal forecasts: a case-study for Southeast Asia. <i>Climate Dynamics</i> , 2020, 54, 2869-2882.	3.8	9
16	Assessing Multidomain Overlaps and Grand Ensemble Generation in CORDEX Regional Projections. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086799.	4.0	8
17	Assessment of Model Drifts in Seasonal Forecasting: Sensitivity to Ensemble Size and Implications for Bias Correction. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001751.	3.8	12
18	An update of IPCC climate reference regions for subcontinental analysis of climate model data: definition and aggregated datasets. <i>Earth System Science Data</i> , 2020, 12, 2959-2970.	9.9	210

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19	Process-conditioned bias correction for seasonal forecasting: a case-study with ENSO in Peru. <i>Climate Dynamics</i> , 2019, 52, 1673-1683.	3.8	12
20	An intercomparison of a large ensemble of statistical downscaling methods over Europe: Results from the VALUE perfect predictor cross-validation experiment. <i>International Journal of Climatology</i> , 2019, 39, 3750-3785.	3.5	164
21	The Weather Roulette: A Game to Communicate the Usefulness of Probabilistic Climate Predictions. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 1909-1921.	3.3	11
22	An Occupational Heat-Health Warning System for Europe: The HEAT-SHIELD Platform. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2890.	2.6	46
23	The METACLIP semantic provenance framework for climate products. <i>Environmental Modelling and Software</i> , 2019, 119, 445-457.	4.5	7
24	Subseasonal hydrometeorological ensemble predictions in small- and medium-sized mountainous catchments: benefits of the NWP approach. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 493-513.	4.9	22
25	Bias adjustment and ensemble recalibration methods for seasonal forecasting: a comprehensive intercomparison using the C3S dataset. <i>Climate Dynamics</i> , 2019, 53, 1287-1305.	3.8	50
26	Precipitation From Persistent Extremes is Increasing in Most Regions and Globally. <i>Geophysical Research Letters</i> , 2019, 46, 6041-6049.	4.0	79
27	The R-based climate4R open framework for reproducible climate data access and post-processing. <i>Environmental Modelling and Software</i> , 2019, 111, 42-54.	4.5	81
28	Can bias correction and statistical downscaling methods improve the skill of seasonal precipitation forecasts?. <i>Climate Dynamics</i> , 2018, 50, 1161-1176.	3.8	45
29	Dynamical and statistical downscaling of seasonal temperature forecasts in Europe: Added value for user applications. <i>Climate Services</i> , 2018, 9, 44-56.	2.5	79
30	The land management tool: Developing a climate service in Southwest UK. <i>Climate Services</i> , 2018, 9, 86-100.	2.5	23
31	An R package to visualize and communicate uncertainty in seasonal climate prediction. <i>Environmental Modelling and Software</i> , 2018, 99, 101-110.	4.5	24
32	Dynamical and statistical downscaling of a global seasonal hindcast in eastern Africa. <i>Climate Services</i> , 2018, 9, 72-85.	2.5	36
33	The ECOMS User Data Gateway: Towards seasonal forecast data provision and research reproducibility in the era of Climate Services. <i>Climate Services</i> , 2018, 9, 33-43.	2.5	25
34	Reassessing Model Uncertainty for Regional Projections of Precipitation with an Ensemble of Statistical Downscaling Methods. <i>Journal of Climate</i> , 2017, 30, 203-223.	3.2	53
35	Assessing the suitability of statistical downscaling approaches for seasonal forecasting in Senegal. <i>Atmospheric Science Letters</i> , 2017, 18, 381-386.	1.9	3
36	Statistical Downscaling in the Tropics Can Be Sensitive to Reanalysis Choice: A Case Study for Precipitation in the Philippines. <i>Journal of Climate</i> , 2015, 28, 4171-4184.	3.2	38

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37	Precipitation variability and trends in Ghana: An intercomparison of observational and reanalysis products. <i>Climatic Change</i> , 2014, 124, 805-819.	3.6	75
38	Validation of 40 year multimodel seasonal precipitation forecasts: The role of ENSO on the global skill. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 1708-1719.	3.3	49
39	Reassessing Statistical Downscaling Techniques for Their Robust Application under Climate Change Conditions. <i>Journal of Climate</i> , 2013, 26, 171-188.	3.2	145
40	Seasonal Predictability of Wintertime Precipitation in Europe Using the Snow Advance Index. <i>Journal of Climate</i> , 2012, 25, 4023-4028.	3.2	29
41	Modeling implications of climate induced streamflow changes on the fish species of the Soan River, Pakistan. <i>Modeling Earth Systems and Environment</i> , 0, , 1.	3.4	1