

Francisco J Doblas-Reyes

List of Publications by Citations

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165
papers

9,179
citations

49
h-index

92
g-index

190
ext. papers

10,431
ext. citations

5.5
avg, IF

6.06
L-index

#	Paper	IF	Citations
165	DEVELOPMENT OF A EUROPEAN MULTIMODEL ENSEMBLE SYSTEM FOR SEASONAL-TO-INTERANNUAL PREDICTION (DEMETER). <i>Bulletin of the American Meteorological Society</i> , 2004 , 85, 853-872	6.1	746
164	Fundamental challenge in simulation and prediction of summer monsoon rainfall. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	493
163	Advances in simulating atmospheric variability with the ECMWF model: From synoptic to decadal time-scales. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2008 , 134, 1337-1351	6.4	407
162	Decadal Climate Prediction: An Update from the Trenches. <i>Bulletin of the American Meteorological Society</i> , 2014 , 95, 243-267	6.1	364
161	Malaria early warnings based on seasonal climate forecasts from multi-model ensembles. <i>Nature</i> , 2006 , 439, 576-9	50.4	351
160	. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2005 , 57, 219-233	2	328
159	Contribution of land surface initialization to subseasonal forecast skill: First results from a multi-model experiment. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	280
158	The Second Phase of the Global LandAtmosphere Coupling Experiment: Soil Moisture Contributions to Subseasonal Forecast Skill. <i>Journal of Hydrometeorology</i> , 2011 , 12, 805-822	3.7	242
157	Seasonal climate predictability and forecasting: status and prospects. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2013 , 4, 245-268	8.4	213
156	ENSEMBLES: A new multi-model ensemble for seasonal-to-annual predictionsSkill and progress beyond DEMETER in forecasting tropical Pacific SSTs. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	207
155	Toward Seamless Prediction: Calibration of Climate Change Projections Using Seasonal Forecasts. <i>Bulletin of the American Meteorological Society</i> , 2008 , 89, 459-470	6.1	205
154	REPRESENTING MODEL UNCERTAINTY IN WEATHER AND CLIMATE PREDICTION. <i>Annual Review of Earth and Planetary Sciences</i> , 2005 , 33, 163-193	15.3	203
153	Initialized near-term regional climate change prediction. <i>Nature Communications</i> , 2013 , 4, 1715	17.4	196
152	The Decadal Climate Prediction Project (DCPP) contribution to CMIP6. <i>Geoscientific Model Development</i> , 2016 , 9, 3751-3777	6.3	162
151	Decadal prediction skill in a multi-model ensemble. <i>Climate Dynamics</i> , 2012 , 38, 1263-1280	4.2	161
150	Advancing Polar Prediction Capabilities on Daily to Seasonal Time Scales. <i>Bulletin of the American Meteorological Society</i> , 2016 , 97, 1631-1647	6.1	151
149	Retrospective prediction of the global warming slowdown in the past decade. <i>Nature Climate Change</i> , 2013 , 3, 649-653	21.4	146

148	. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2005 , 57, 234-252	2	129
147	A review on Arctic sea-ice predictability and prediction on seasonal to decadal time-scales. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016 , 142, 546-561	6.4	128
146	Variability and Predictability of West African Droughts: A Review on the Role of Sea Surface Temperature Anomalies. <i>Journal of Climate</i> , 2015 , 28, 4034-4060	4.4	116
145	ECMWF seasonal forecast system 3 and its prediction of sea surface temperature. <i>Climate Dynamics</i> , 2011 , 37, 455-471	4.2	113
144	Multi-model spread and probabilistic seasonal forecasts in PROVOST. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2000 , 126, 2069-2088	6.4	113
143	What global reanalysis best represents near-surface winds?. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019 , 145, 3236-3251	6.4	101
142	Addressing model uncertainty in seasonal and annual dynamical ensemble forecasts. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2009 , 135, 1538-1559	6.4	101
141	Probabilistic prediction of climate using multi-model ensembles: from basics to applications. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005 , 360, 1991-8	5.8	98
140	Soil moisture effects on seasonal temperature and precipitation forecast scores in Europe. <i>Climate Dynamics</i> , 2012 , 38, 349-362	4.2	91
139	Real-time multi-model decadal climate predictions. <i>Climate Dynamics</i> , 2013 , 41, 2875-2888	4.2	85
138	On the predictability of the extreme summer 2003 over Europe. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	81
137	Forecast Calibration and Combination: A Simple Bayesian Approach for ENSO. <i>Journal of Climate</i> , 2004 , 17, 1504-1516	4.4	80
136	The skill of multi-model seasonal forecasts of the wintertime North Atlantic Oscillation. <i>Climate Dynamics</i> , 2003 , 21, 501-514	4.2	77
135	A Debiased Ranked Probability Skill Score to Evaluate Probabilistic Ensemble Forecasts with Small Ensemble Sizes. <i>Journal of Climate</i> , 2005 , 18, 1513-1523	4.4	76
134	Revisiting the ENSO Teleconnection to the Tropical North Atlantic. <i>Journal of Climate</i> , 2017 , 30, 6945-6957	4.4	71
133	Climate change and infectious diseases: Can we meet the needs for better prediction?. <i>Climatic Change</i> , 2013 , 118, 625-640	4.5	65
132	On the assessment of near-surface global temperature and North Atlantic multi-decadal variability in the ENSEMBLES decadal hindcast. <i>Climate Dynamics</i> , 2012 , 39, 2025-2040	4.2	65
131	Towards operational predictions of the near-term climate. <i>Nature Climate Change</i> , 2019 , 9, 94-101	21.4	63

130	Impact of snow initialization on sub-seasonal forecasts. <i>Climate Dynamics</i> , 2013 , 41, 1969-1982	4.2	63
129	Toward an Integrated Seasonal Forecasting System for South America. <i>Journal of Climate</i> , 2006 , 19, 3704-3721	4.3	63
128	Assessment of representations of model uncertainty in monthly and seasonal forecast ensembles. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	62
127	Reliability of regional climate model trends. <i>Environmental Research Letters</i> , 2013 , 8, 014055	6.2	58
126	Impact of a quasi-stochastic cellular automaton backscatter scheme on the systematic error and seasonal prediction skill of a global climate model. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2008 , 366, 2561-79	3	58
125	Multiyear climate predictions using two initialization strategies. <i>Geophysical Research Letters</i> , 2013 , 40, 1794-1798	4.9	57
124	Decadal climate prediction with the European Centre for Medium-Range Weather Forecasts coupled forecast system: Impact of ocean observations. <i>Journal of Geophysical Research</i> , 2011 , 116,		55
123	Forecast assimilation: a unified framework for the combination of multi-model weather and climate predictions. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2005 , 57, 253-264	2	54
122	Using seasonal hindcasts to understand the origin of the equatorial cold tongue bias in CGCMs and its impact on ENSO. <i>Climate Dynamics</i> , 2013 , 40, 963-981	4.2	53
121	The Indian Ocean: The Region of Highest Skill Worldwide in Decadal Climate Prediction*. <i>Journal of Climate</i> , 2013 , 26, 726-739	4.4	51
120	Sensitivity of decadal predictions to the initial atmospheric and oceanic perturbations. <i>Climate Dynamics</i> , 2012 , 39, 2013-2023	4.2	51
119	Reliability of decadal predictions. <i>Geophysical Research Letters</i> , 2012 , 39, n/a-n/a	4.9	51
118	The rationale behind the success of multi-model ensembles in seasonal forecasting III. Calibration and combination. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2005 , 57, 234-252	2	51
117	Climate service development, delivery and use in Europe at monthly to inter-annual timescales. <i>Climate Risk Management</i> , 2014 , 6, 1-5	4.6	50
116	Seasonal Climate Prediction: A New Source of Information for the Management of Wind Energy Resources. <i>Journal of Applied Meteorology and Climatology</i> , 2017 , 56, 1231-1247	2.7	49
115	Current and Emerging Developments in Subseasonal to Decadal Prediction. <i>Bulletin of the American Meteorological Society</i> , 2020 , 101, E869-E896	6.1	49
114	Impact of land-surface initialization on sub-seasonal to seasonal forecasts over Europe. <i>Climate Dynamics</i> , 2016 , 47, 919-935	4.2	48
113	Impact of increasing greenhouse gas concentrations in seasonal ensemble forecasts. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	47

112	Attribution of extreme weather and climate events overestimated by unreliable climate simulations. <i>Geophysical Research Letters</i> , 2016 , 43, 2158-2164	4.9	43
111	Influence of the Eurasian snow on the negative North Atlantic Oscillation in subseasonal forecasts of the cold winter 2009/2010. <i>Climate Dynamics</i> , 2016 , 47, 1325-1334	4.2	41
110	Towards reliable extreme weather and climate event attribution. <i>Nature Communications</i> , 2019 , 10, 17327-4	7.4	40
109	Medium-Range, Monthly, and Seasonal Prediction for Europe and the Use of Forecast Information. <i>Journal of Climate</i> , 2006 , 19, 6025-6046	4.4	40
108	Skill, reproducibility and potential predictability of the West African monsoon in coupled GCMs. <i>Climate Dynamics</i> , 2010 , 35, 53-74	4.2	39
107	Ozone signatures of climate patterns over the Euro-Atlantic sector in the spring. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2003 , 129, 3251-3263	6.4	37
106	What have we learnt from EUPORIAS climate service prototypes?. <i>Climate Services</i> , 2018 , 9, 21-32	3.8	36
105	Impact of springtime Himalayan-Tibetan Plateau snowpack on the onset of the Indian summer monsoon in coupled seasonal forecasts. <i>Climate Dynamics</i> , 2016 , 47, 2709-2725	4.2	36
104	Statistical methods for interpreting Monte Carlo ensemble forecasts. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2000 , 52, 300-322	2	36
103	Identifying the causes of the poor decadal climate prediction skill over the North Pacific. <i>Journal of Geophysical Research</i> , 2012 , 117,		34
102	Using climate models to estimate the quality of global observational data sets. <i>Science</i> , 2016 , 354, 452-455	5.3	33
101	A posteriori adjustment of near-term climate predictions: Accounting for the drift dependence on the initial conditions. <i>Geophysical Research Letters</i> , 2014 , 41, 5200-5207	4.9	32
100	Storm track signature in total ozone during northern hemisphere winter. <i>Geophysical Research Letters</i> , 1998 , 25, 2413-2416	4.9	32
99	Linking crop yield anomalies to large-scale atmospheric circulation in Europe. <i>Agricultural and Forest Meteorology</i> , 2017 , 240-241, 35-45	5.8	31
98	Added-value from initialization in predictions of Atlantic multi-decadal variability. <i>Climate Dynamics</i> , 2015 , 44, 2539-2555	4.2	31
97	Land-surface initialisation improves seasonal climate prediction skill for maize yield forecast. <i>Scientific Reports</i> , 2018 , 8, 1322	4.9	31
96	Skilful forecasting of global fire activity using seasonal climate predictions. <i>Nature Communications</i> , 2018 , 9, 2718	17.4	31
95	Stratospheric circulation in seasonal forecasting models: implications for seasonal prediction. <i>Climate Dynamics</i> , 2011 , 36, 309-321	4.2	31

94	Links between circulation types and precipitation over Spain. <i>Physics and Chemistry of the Earth</i> , 2010 , 35, 437-447	3	31
93	The Climate-System Historical Forecast Project: Providing Open Access to Seasonal Forecast Ensembles from Centers around the Globe. <i>Bulletin of the American Meteorological Society</i> , 2017 , 98, 2293-2301	6.1	30
92	A forecast quality assessment of an end-to-end probabilistic multi-model seasonal forecast system using a malaria model. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2005 , 57, 464-475	2	30
91	Initialized Earth System prediction from subseasonal to decadal timescales. <i>Nature Reviews Earth & Environment</i> , 2021 , 2, 340-357	30.2	30
90	Euro-Atlantic circulation types and modes of variability in winter. <i>Theoretical and Applied Climatology</i> , 2009 , 96, 17-29	3	28
89	The ability of a multi-model seasonal forecasting ensemble to forecast the frequency of warm, cold and wet extremes. <i>Weather and Climate Extremes</i> , 2015 , 9, 68-77	6	26
88	Ensemble of sea ice initial conditions for interannual climate predictions. <i>Climate Dynamics</i> , 2014 , 43, 2813-2829	4.2	26
87	Detecting Improvements in Forecast Correlation Skill: Statistical Testing and Power Analysis. <i>Monthly Weather Review</i> , 2017 , 145, 437-450	2.4	26
86	Realistic greenhouse gas forcing and seasonal forecasts. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	26
85	The EC-Earth3 Earth System Model for the Climate Model Intercomparison Project 6		26
84	The match between climate services demands and Earth System Models supplies. <i>Climate Services</i> , 2018 , 12, 59-63	3.8	24
83	Northern Hemisphere blocking simulation in current climate models: evaluating progress from the Climate Model Intercomparison Project Phase 5 to 6 and sensitivity to resolution. <i>Weather and Climate Dynamics</i> , 2020 , 1, 277-292	3.3	23
82	A forecast quality assessment of an end-to-end probabilistic multi-model seasonal forecast system using a malaria model. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2005 , 57, 464-475	2	22
81	An R package for climate forecast verification. <i>Environmental Modelling and Software</i> , 2018 , 103, 29-42	5.2	21
80	A Flexible Bandpass Filter Design Procedure Applied to Midlatitude Intraseasonal Variability. <i>Monthly Weather Review</i> , 1998 , 126, 3326-3335	2.4	21
79	Multi-year prediction skill of Atlantic hurricane activity in CMIP5 decadal hindcasts. <i>Climate Dynamics</i> , 2014 , 42, 2675-2690	4.2	20
78	Decadal prediction of the dominant West African monsoon rainfall modes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 5260-5279	4.4	20
77	Decadal prediction of interannual tropical and North Pacific sea surface temperature. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 5913-5922	4.4	20

76	Understanding Atlantic multi-decadal variability prediction skill. <i>Geophysical Research Letters</i> , 2012 , 39,	4.9	20
75	Boreal Summer Intraseasonal Variability in Coupled Seasonal Hindcasts. <i>Journal of Climate</i> , 2008 , 21, 4477-4497	4.4	20
74	The rationale behind the success of multi-model ensembles in seasonal forecasting II. Basic concept. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2005 , 57, 219-233	2	20
73	The EC-Earth3 Earth system model for the Coupled Model Intercomparison Project 6. <i>Geoscientific Model Development</i> , 2022 , 15, 2973-3020	6.3	19
72	Stochastic atmospheric perturbations in the EC-Earth3 global coupled model: impact of SPPT on seasonal forecast quality. <i>Climate Dynamics</i> , 2015 , 45, 3419-3439	4.2	17
71	Replicability of the EC-Earth3 Earth system model under a change in computing environment. <i>Geoscientific Model Development</i> , 2020 , 13, 1165-1178	6.3	17
70	Seamless management of ensemble climate prediction experiments on HPC platforms 2016 ,		17
69	Prospects for decadal climate prediction in the Mediterranean region. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015 , 141, 580-597	6.4	17
68	Multiannual forecasts of Atlantic U.S. tropical cyclone wind damage potential. <i>Geophysical Research Letters</i> , 2015 , 42, 2417-2425	4.9	16
67	A Bayesian approach for multi-model downscaling: Seasonal forecasting of regional rainfall and river flows in South America. <i>Meteorological Applications</i> , 2006 , 13, 73	2.1	16
66	An Evaluation Metric for Intraseasonal Variability and its Application to CMIP3 Twentieth-Century Simulations. <i>Journal of Climate</i> , 2010 , 23, 3497-3508	4.4	15
65	Downscaling of DEMETER winter seasonal hindcasts over Northern Italy. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2005 , 57, 424-434	2	15
64	The 2014 High Record of Antarctic Sea Ice Extent. <i>Bulletin of the American Meteorological Society</i> , 2015 , 96, S163-S167	6.1	14
63	Seasonal forecast quality of the West African monsoon rainfall regimes by multiple forecast systems. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 7908-7930	4.4	14
62	Multi-model calibration and combination of tropical seasonal sea surface temperature forecasts. <i>Climate Dynamics</i> , 2014 , 42, 597-616	4.2	14
61	. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 1998 , 50, 573-595	2	14
60	Wintertime westward-traveling planetary-scale perturbations over the Euro-Atlantic region. <i>Climate Dynamics</i> , 2001 , 17, 811-824	4.2	14
59	Full-field and anomaly initialization using a low-order climate model: a comparison and proposals for advanced formulations. <i>Nonlinear Processes in Geophysics</i> , 2014 , 21, 521-537	2.9	14

58	Multi-year prediction of European summer drought conditions for the agricultural sector. <i>Environmental Research Letters</i> , 2019 , 14, 124014	6.2	14
57	Uncertainty propagation in observational references to climate model scales. <i>Remote Sensing of Environment</i> , 2017 , 203, 101-108	13.2	13
56	How much does simplification of probability forecasts reduce forecast quality?. <i>Meteorological Applications</i> , 2008 , 15, 155-162	2.1	13
55	Finding, analysing and solving MPI communication bottlenecks in Earth System models. <i>Journal of Computational Science</i> , 2019 , 36, 100864	3.4	12
54	Comparison of full field and anomaly initialisation for decadal climate prediction: towards an optimal consistency between the ocean and sea-ice anomaly initialisation state. <i>Climate Dynamics</i> , 2017 , 49, 1181-1195	4.2	12
53	Prediction of interannual North Atlantic sea surface temperature and its remote influence over land. <i>Climate Dynamics</i> , 2017 , 48, 3099-3114	4.2	12
52	Polar Lower-Latitude Linkages and Their Role in Weather and Climate Prediction. <i>Bulletin of the American Meteorological Society</i> , 2015 , 96, ES197-ES200	6.1	12
51	How to use mixed precision in ocean models: exploring a potential reduction of numerical precision in NEMO 4.0 and ROMS 3.6. <i>Geoscientific Model Development</i> , 2019 , 12, 3135-3148	6.3	10
50	Observed modes of sea surface temperature variability in the South Pacific region. <i>Climate Dynamics</i> , 2018 , 50, 1129-1143	4.2	10
49	The Decadal Climate Prediction Project 2016 ,		10
48	Assessment of a full-field initialized decadal climate prediction system with the CMIP6 version of EC-Earth. <i>Earth System Dynamics</i> , 2021 , 12, 173-196	4.8	10
47	Clusters of interannual sea ice variability in the northern hemisphere. <i>Climate Dynamics</i> , 2016 , 47, 1527-1543	4.4	9
46	Characterization of the near surface wind speed distribution at global scale: ERA-Interim reanalysis and ECMWF seasonal forecasting system 4. <i>Climate Dynamics</i> , 2019 , 52, 3307-3319	4.2	9
45	Barriers to Using Climate Information: Challenges in Communicating Probabilistic Forecasts to Decision-Makers. <i>Advances in Natural and Technological Hazards Research</i> , 2016 , 95-113	1.8	9
44	Predictability of the tropospheric circulation in the Southern Hemisphere from CHFP models. <i>Climate Dynamics</i> , 2016 , 46, 2423-2434	4.2	8
43	Hypothesis Testing for Autocorrelated Short Climate Time Series. <i>Journal of Applied Meteorology and Climatology</i> , 2014 , 53, 637-651	2.7	8
42	Investigating the Effects of Pacific Sea Surface Temperatures on the Wind Drought of 2015 Over the United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 4837-4849	4.4	8
41	Transforming climate model output to forecasts of wind power production: how much resolution is enough?. <i>Meteorological Applications</i> , 2018 , 25, 1-10	2.1	7

40	Evaluation of the DEMETER performance for seasonal hindcasts of the Indian summer monsoon rainfall. <i>International Journal of Climatology</i> , 2012 , 32, 1717-1729	3.5	7
39	Calibrated multi-model ensemble summer temperature predictions over Italy. <i>Climate Dynamics</i> , 2013 , 41, 2115-2132	4.2	7
38	Linking the Anomaly Initialization Approach to the Mapping Paradigm: A Proof-of-Concept Study. <i>Monthly Weather Review</i> , 2015 , 143, 4695-4713	2.4	7
37	The Tall Tower Dataset: a unique initiative to boost wind energy research. <i>Earth System Science Data</i> , 2020 , 12, 429-439	10.5	7
36	Boreal winter stratospheric variability in EC-EARTH: High-Top versus Low-Top. <i>Climate Dynamics</i> , 2020 , 54, 3135-3150	4.2	6
35	. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2005 , 57, 387-397	2	6
34	The Mediterranean climate change hotspot in the CMIP5 and CMIP6 projections. <i>Earth System Dynamics</i> , 2022 , 13, 321-340	4.8	6
33	Decadal climate prediction with a refined anomaly initialisation approach. <i>Climate Dynamics</i> , 2017 , 48, 1841-1853	4.2	5
32	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	6.1	5
31	Energy budget of the extreme Autumn 2006 in Europe. <i>Climate Dynamics</i> , 2011 , 36, 1055-1066	4.2	5
30	A perfect prognosis downscaling methodology for seasonal prediction of local-scale wind speeds. <i>Environmental Research Letters</i> , 2021 , 16, 054010	6.2	5
29	Calibration and combination of monthly near-surface temperature and precipitation predictions over Europe. <i>Climate Dynamics</i> , 2019 , 53, 7305-7320	4.2	4
28	The value of values in climate science. <i>Nature Climate Change</i> ,	21.4	4
27	Supplementary material to "The Mediterranean climate change hotspot in the CMIP5 and CMIP6 projections";		4
26	How Reliable Are Decadal Climate Predictions of Near-Surface Air Temperature?. <i>Journal of Climate</i> , 2021 , 34, 697-713	4.4	4
25	Replicability of the EC-Earth3 Earth System Model under a change in computing environment 2019 ,		3
24	Multi-model seasonal forecasts for the wind energy sector. <i>Climate Dynamics</i> , 2019 , 53, 2715-2729	4.2	3
23	Dynamical prediction of Arctic sea ice modes of variability. <i>Climate Dynamics</i> , 2019 , 52, 3157-3173	4.2	3

22	Dependence of the climate prediction skill on spatiotemporal scales: Internal versus radiatively-forced contribution. <i>Geophysical Research Letters</i> , 2013 , 40, 3213-3219	4.9	3
21	Progressive Build Up Of Co 2 In The AtmosphereOf Venus Through Multiple Volcanic Resurfacing Events. <i>Earth, Moon and Planets</i> , 1998 , 81, 187-192	0.6	3
20	Impact of greenhouse gas concentrations on tropical storms in coupled seasonal forecasts. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2007 , 59, 417-427	2	3
19	DEMETER and the application of seasonal forecasts674-692		3
18	An anatomy of Arctic sea ice forecast biases in the seasonal prediction system with EC-Earth. <i>Climate Dynamics</i> , 2021 , 56, 1799-1813	4.2	3
17	Using statistical downscaling to assess skill of decadal predictions. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2019 , 71, 1652882	2	2
16	Climate Change Communication and User Engagement: A Tool to Anticipate Climate Change. <i>Climate Change Management</i> , 2018 , 285-302	0.6	2
15	Constraining Decadal Variability Yields Skillful Projections of Near-Term Climate Change. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL094915	4.9	2
14	The representation of Northern Hemisphere blocking in current global climate models		2
13	Toward Consistent Observational Constraints in Climate Predictions and Projections. <i>Frontiers in Climate</i> , 2021 , 3,	7.1	2
12	A Framework to Determine the Limits of Achievable Skill for Interannual to Decadal Climate Predictions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019 , 124, 2882-2896	4.4	2
11	Decadal predictability and prediction skill of sea surface temperatures in the South Pacific region. <i>Climate Dynamics</i> , 2020 , 54, 3945-3958	4.2	1
10	Impact of I/O and Data Management in Ensemble Large Scale Climate Forecasting Using EC-Earth3. <i>Procedia Computer Science</i> , 2014 , 29, 2370-2379	1.6	1
9	Multi-annual prediction of drought and heat stress to support decision making in the wheat sector. <i>Npj Climate and Atmospheric Science</i> , 2021 , 4,	8	1
8	Summer temperature response to extreme soil water conditions in the Mediterranean transitional climate regime. <i>Climate Dynamics</i> , 2021 , 1	4.2	1
7	Call to Action for Global Access to and Harmonization of Quality Information of Individual Earth Science Datasets. <i>Data Science Journal</i> , 2021 , 20,	2	1
6	A Data Set for Intercomparing the Transient Behavior of Dynamical Model-Based Subseasonal to Decadal Climate Predictions. <i>Journal of Advances in Modeling Earth Systems</i> , 2021 , 13, e2021MS002570	7.1	1
5	Multi-model forecast quality assessment of CMIP6 decadal predictions. <i>Journal of Climate</i> , 2022 , 1-46	4.4	1

4	How decadal predictions entered the climate services arena: an example from the agriculture sector. <i>Climate Services</i> , 2022 , 27, 100303	3.8	1
3	WMO Global Annual to Decadal Climate Update: A Prediction for 2021-25. <i>Bulletin of the American Meteorological Society</i> , 2022 , 103, E1117-E1129	6.1	0
2	The effects of bias, drift, and trends in calculating anomalies for evaluating skill of seasonal-to-decadal initialized climate predictions. <i>Climate Dynamics</i> , 1	4.2	0
1	Exploring the landscape of seasonal forecast provision by Global Producing Centres. <i>Climatic Change</i> , 2022 , 172, 1	4.5	0