Mark A Liniger

List of Publications by Year
in descending order

53	5,491	159358 30	182168 51
papers	citations	h-index	g-index

73	73	73	7090
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The role of increasing temperature variability in European summer heatwaves. Nature, 2004, 427, 332-336.	13.7	2,373
2	Risks of Model Weighting in Multimodel Climate Projections. Journal of Climate, 2010, 23, 4175-4191.	1.2	306
3	Can multiâ€model combination really enhance the prediction skill of probabilistic ensemble forecasts?. Quarterly Journal of the Royal Meteorological Society, 2008, 134, 241-260.	1.0	266
4	Dynamical aspects of the life cycle of the winter storm 'Lothar' (24â€“26 December 1999). Quarterly Journal of the Royal Meteorological Society, 2002, 128, 405-429.	1.0	206
5	The Discrete Brier and Ranked Probability Skill Scores. Monthly Weather Review, 2007, 135, 118-124.	0.5	178
6	Exceptional European warmth of autumn 2006 and winter 2007: Historical context, the underlying dynamics, and its phenological impacts. Geophysical Research Letters, 2007, 34, .	1.5	173
7	A New Perspective of Stratosphereâ€“Troposphere Exchange. Bulletin of the American Meteorological Society, 2003, 84, 1565-1574.	1.7	132
8	The return period of wind storms over Europe. International Journal of Climatology, 2009, 29, 437-459.	1.5	125
9	MAP D-PHASE: Real-Time Demonstration of Weather Forecast Quality in the Alpine Region. Bulletin of the American Meteorological Society, 2009, 90, 1321-1336.	1.7	121
10	Emerging trends in heavy precipitation and hot temperature extremes in Switzerland. Journal of Geophysical Research D: Atmospheres, 2016, 121, 2626-2637.	1.2	108
11	A global reanalysis of vegetation phenology. Journal of Geophysical Research, 2011, 116, .	3.3	105
12	Observational uncertainty and regional climate model evaluation: A panâ€European perspective. International Journal of Climatology, 2019, 39, 3730-3749.	1.5	98
13	A Debiased Ranked Probability Skill Score to Evaluate Probabilistic Ensemble Forecasts with Small Ensemble Sizes. Journal of Climate, 2005, 18, 1513-1523.	1.2	85
14	Future snowfall in the Alps: projections based on the EURO-CORDEX regional climate models. Cryosphere, 2018, 12, 1-24.	1.5	75
15	Climate change projections for Switzerland based on a Bayesian multiâ€model approach. International Journal of Climatology, 2012, 32, 2348-2371.	1.5	74
16	European temperature distribution changes in observations and climate change scenarios. Geophysical Research Letters, 2005, 32, n/a-n/a.	1.5	65
17	Seasonal Ensemble Forecasts: Are Recalibrated Single Models Better than Multimodels?. Monthly Weather Review, 2009, 137, 1460-1479.	0.5	56
18	Projected changes in precipitation intensity and frequency in Switzerland: a multiâ€model perspective. International Journal of Climatology, 2015, 35, 3204-3219.	1.5	49

#	Article	IF	Citations
19	Skill of Subseasonal Forecasts in Europe: Effect of Bias Correction and Downscaling Using Surface Observations. Journal of Geophysical Research D: Atmospheres, 2018, 123, 7999-8016.	1.2	45
20	Escalating environmental summer heat exposureâ€"a future threat for the European workforce. Regional Environmental Change, 2020, 20, 1.	1.4	45
21	Probabilistic Verification of Monthly Temperature Forecasts. Monthly Weather Review, 2008, 136, 5162-5182.	0.5	42
22	Application of long-range weather forecasts to agricultural decision problems in Europe. Journal of Agricultural Science, 2011, 149, 15-22.	0.6	40
23	Calibrated Precipitation Forecasts for a Limited-Area Ensemble Forecast System Using Reforecasts. Monthly Weather Review, 2010, 138, 176-189.	0.5	39
24	Climate change signals of <scp>CMIP5</scp> general circulation models over the AlpsÂâ€"Âimpact of model selection. International Journal of Climatology, 2016, 36, 3088-3104.	1.5	39
25	Automatic threshold and run parameter selection: a climatology for extreme hourly precipitation in Switzerland. Theoretical and Applied Climatology, 2015, 120, 403-416.	1.3	36
26	Dynamical and statistical downscaling of a global seasonal hindcast in eastern Africa. Climate Services, 2018, 9, 72-85.	1.0	36
27	Improved Estimates of the European Winter Windstorm Climate and the Risk of Reinsurance Loss Using Climate Model Data. Journal of Applied Meteorology and Climatology, 2010, 49, 2092-2120.	0.6	35
28	A surface radiation climatology across two Meteosat satellite generations. Remote Sensing of Environment, 2014, 142, 103-110.	4.6	33
29	Generalization of the Discrete Brier and Ranked Probability Skill Scores for Weighted Multimodel Ensemble Forecasts. Monthly Weather Review, 2007, 135, 2778-2785.	0.5	32
30	Key climate indices in Switzerland; expected changes in a future climate. Climatic Change, 2014, 123, 255-271.	1.7	32
31	Localized climate change scenarios of mean temperature and precipitation over Switzerland. Climatic Change, 2014, 125, 237-252.	1.7	32
32	Realistic greenhouse gas forcing and seasonal forecasts. Geophysical Research Letters, 2007, 34, .	1.5	31
33	Temperature trends in Switzerland and Europe: implications for climate normals. International Journal of Climatology, 2006, 26, 565-580.	1.5	30
34	Challenges posed by and approaches to the study of seasonal-to-decadal climate variability. Climatic Change, 2006, 79, 31-63.	1.7	28
35	Methodological aspects of the validation of decadal predictions. Climate Research, 2013, 55, 181-200.	0.4	28
36	Reduced space optimal interpolation of daily rain gauge precipitation in Switzerland. Journal of Geophysical Research, 2010, 115, .	3.3	27

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37	Implementation and validation of a Wilks-type multi-site daily precipitation generator over a typical Alpine river catchment. Hydrology and Earth System Sciences, 2015, 19, 2163-2177.	1.9	23
38	Substructure of a MAP streamer. Quarterly Journal of the Royal Meteorological Society, 2003, 129, 633-651.	1.0	22
39	Testing a weather generator for downscaling climate change projections over Switzerland. International Journal of Climatology, 2017, 37, 928-942.	1.5	22
40	Climate change in Switzerland: a review of physical, institutional, and political aspects. Wiley Interdisciplinary Reviews: Climate Change, 2014, 5, 461-481.	3.6	21
41	The evolution of ERA-40 surface temperatures and total ozone compared to observed Swiss time series. Meteorologische Zeitschrift, 2007, 16, 171-181.	0.5	19
42	Parametric decadal climate forecast recalibration (DeFoReSt 1.0). Geoscientific Model Development, 2018, 11, 351-368.	1.3	19
43	CH2018 â€“ National climate scenarios for Switzerland: How to construct consistent multi-model projections from ensembles of opportunity. Climate Services, 2020, 20, 100196.	1.0	19
44	Estimating daily climatologies for climate indices derived from climate model data and observations. Journal of Geophysical Research D: Atmospheres, 2015, 120, 2808-2818.	1.2	18
45	Who is â€˜the userâ€™ of climate services? Unpacking the use of national climate scenarios in Switzerland beyond sectors, numeracy and the researchâ€“practice binary. Climate Services, 2019, 15, 100113.	1.0	17
46	How to create an operational multi-model of seasonal forecasts?. Climate Dynamics, 2020, 55, 1141-1157.	1.7	16
47	Comparison of GPS and ERA40 IWV in the Alpine region, including correction of GPS observations at Jungfraujoch (3584 m). Journal of Geophysical Research, 2006, 111, .	3.3	14
48	Seasonal differences in extratropical potential vorticity variability at tropopause levels. Journal of Geophysical Research, 2004, 109, .	3.3	11
49	Evaluating the added value of the new Swiss climate scenarios for hydrology: An example from the Thur catchment. Climate Services, 2019, 13, 1-13.	1.0	11
50	Supplement to MAP D-PHASE: Real-Time Demonstration of Weather Forecast Quality in the Alpine Region: Additional Applications of the D-Phase Datasets. Bulletin of the American Meteorological Society, 2009, 90, S28-S32.	1.7	9
51	Predictive skill of climate indices compared to mean quantities in seasonal forecasts. Quarterly Journal of the Royal Meteorological Society, 2017, 143, 184-194.	1.0	7
52	Distribution Changes of Seasonal Mean Temperature in Observations and Climate Change Scenarios. , 2008, , 251-267.		7
53	Challenges posed by and approaches to the study of seasonal-to-decadal climate variability. , 2006, , 31-63.		2