Alexis M Berg

List of Publications by Year
in descending order

24 papers	6,217 citations	331259 21 h-index	552369 26 g-index
26 all docs	26 docs citations	26 times ranked	8484 citing authors

#	Article	IF	Citations
1	Present and future KÃ¶ppen-Geiger climate classification maps at 1-km resolution. Scientific Data, 2018, 5, 180214.	2.4	3,005
2	Large influence of soil moisture on long-term terrestrial carbon uptake. Nature, 2019, 565, 476-479.	13.7	409
3	Impact of soil moistureâ€climate feedbacks on CMIP5 projections: First results from the GLACEâ€CMIP5 experiment. Geophysical Research Letters, 2013, 40, 5212-5217.	1.5	314
4	Landâ€“atmosphere feedbacks amplify aridity increase over land under global warming. Nature Climate Change, 2016, 6, 869-874.	8.1	300
5	Landâ€“atmosphere feedbacks exacerbate concurrent soil drought and atmospheric aridity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18848-18853.	3.3	283
6	Multifaceted characteristics of dryland aridity changes in a warming world. Nature Reviews Earth & Environment, 2021, 2, 232-250.	12.2	281
7	Landâ€“Atmosphere Interactions: The LoCo Perspective. Bulletin of the American Meteorological Society, 2018, 99, 1253-1272.	1.7	226
8	The impact of anthropogenic land use and land cover change on regional climate extremes. Nature Communications, 2017, 8, 989.	5.8	207
9	Divergent surface and total soil moisture projections under global warming. Geophysical Research Letters, 2017, 44, 236-244.	1.5	206
10	Climate Change and Drought: the Soil Moisture Perspective. Current Climate Change Reports, 2018, 4, 180-191.	2.8	170
11	Soil moistureâ€“atmosphere feedbacks mitigate declining water availability in drylands. Nature Climate Change, 2021, 11, 38-44.	8.1	138
12	Interannual Coupling between Summertime Surface Temperature and Precipitation over Land: Processes and Implications for Climate Change*. Journal of Climate, 2015, 28, 1308-1328.	1.2	135
13	No projected global drylands expansion under greenhouse warming. Nature Climate Change, 2021, 11, 331-337.	8.1	104
14	Influence of landâ€atmosphere feedbacks on temperature and precipitation extremes in the GLACEâ€CMIP5 ensemble. Journal of Geophysical Research D: Atmospheres, 2016, 121, 607-623.	1.2	102
15	Soil Moistureâ€“Evapotranspiration Coupling in CMIP5 Models: Relationship with Simulated Climate and Projections. Journal of Climate, 2018, 31, 4865-4878.	1.2	47
16	Soil Moisture Influence on Seasonality and Large-Scale Circulation in Simulations of the West African Monsoon. Journal of Climate, 2017, 30, 2295-2317.	1.2	38
17	Evapotranspiration Partitioning in CMIP5 Models: Uncertainties and Future Projections. Journal of Climate, 2019, 32, 2653-2671.	1.2	38
18	Rising Temperatures Increase Importance of Oceanic Evaporation as a Source for Continental Precipitation. Journal of Climate, 2019, 32, 7713-7726.	1.2	37

#	Article	IF	Citations
19	Process-Oriented Evaluation of Climate and Weather Forecasting Models. Bulletin of the American Meteorological Society, 2019, 100, 1665-1686.	1.7	36
20	Contributions of soil moisture interactions to climate change in the tropics in the GLACEâ€“CMIP5 experiment. Climate Dynamics, 2015, 45, 3275-3297.	1.7	24
21	Role of Moisture Transport and Recycling in Characterizing Droughts: Perspectives from Two Recent U.S. Droughts and the CFSv2 System. Journal of Hydrometeorology, 2019, 20, 139-154.	0.7	22
22	Historic and Projected Changes in Coupling Between Soil Moisture and Evapotranspiration (ET) in CMIP5 Models Confounded by the Role of Different ET Components. Journal of Geophysical Research D: Atmospheres, 2019, 124, 5791-5806.	1.2	15
23	The terrestrial water cycle in a warming world. Nature Climate Change, 2022, 12, 604-606.	8.1	15
24	Uncertain soil moisture feedbacks in model projections of Sahel precipitation. Geophysical Research Letters, 2017, 44, 6124-6133.	1.5	13