

# Peter Berg

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3098811/publications.pdf>

Version: 2024-02-01

23  
papers

1,636  
citations

567144

15  
h-index

713332

21  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1990  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong increase in convective precipitation in response to higher temperatures. <i>Nature Geoscience</i> , 2013, 6, 181-185.	5.4	576
2	Anthropogenic intensification of short-duration rainfall extremes. <i>Nature Reviews Earth &amp; Environment</i> , 2021, 2, 107-122.	12.2	279
3	<scp>Convection</scp>â€permitting modeling with regional climate models: Latest developments and next steps. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2021, 12, e731.	3.6	74
4	Intensification of convective extremes driven by cloudâ€cloud interaction. <i>Nature Geoscience</i> , 2016, 9, 748-752.	5.4	65
5	The INTENSE project: using observations and models to understand the past, present and future of sub-daily rainfall extremes. <i>Advances in Science and Research</i> , 0, 15, 117-126.	1.0	59
6	Probing the precipitation life cycle by iterative rain cell tracking. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 13,361.	1.2	56
7	Evaluation of precipitation datasets against local observations in southwestern Iran. <i>International Journal of Climatology</i> , 2020, 40, 4102-4116.	1.5	56
8	Towards advancing scientific knowledge of climate change impacts on short-duration rainfall extremes. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20190542.	1.6	56
9	Dynamical Downscaling with Reinitializations: A Method to Generate Finescale Climate Datasets Suitable for Impact Studies. <i>Journal of Hydrometeorology</i> , 2013, 14, 1159-1174.	0.7	50
10	Summertime precipitation extremes in a EURO-CORDEX 0.11Â° ensemble at an hourly resolution. <i>Natural Hazards and Earth System Sciences</i> , 2019, 19, 957-971.	1.5	50
11	Near-real-time adjusted reanalysis forcing data for hydrology. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 989-1000.	1.9	49
12	Creation of a high resolution precipitation data set by merging gridded gauge data and radar observations for Sweden. <i>Journal of Hydrology</i> , 2016, 541, 6-13.	2.3	46
13	The accuracy of weather radar in heavy rain: a comparative study for Denmark, the Netherlands, Finland and Sweden. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 3157-3188.	1.9	40
14	Statistical precipitation bias correction of gridded model data using point measurements. <i>Geophysical Research Letters</i> , 2015, 42, 1919-1929.	1.5	35
15	Impact of RCM Spatial Resolution on the Reproduction of Local, Subdaily Precipitation. <i>Journal of Hydrometeorology</i> , 2015, 16, 534-547.	0.7	31
16	Short-duration rainfall extremes in Sweden: a regional analysis. <i>Hydrology Research</i> , 2019, 50, 945-960.	1.1	24
17	Earth System Model Evaluation Tool (ESMValTool) v2.0 â€ diagnostics for extreme events, regional and impact evaluation, and analysis of Earth system models in CMIP. <i>Geoscientific Model Development</i> , 2021, 14, 3159-3184.	1.3	19
18	Precipitation onset as the temporal reference in convective selfâ€organization. <i>Geophysical Research Letters</i> , 2017, 44, 6450-6459.	1.5	16

#	ARTICLE	IF	CITATIONS
19	HydroGFD3.0 (Hydrological Global Forcing Data): a 25â€‰%km global precipitation and temperature data set updated in near-real time. Earth System Science Data, 2021, 13, 1531-1545.	3.7	12
20	Identifying robust bias adjustment methods for European extreme precipitation in a multi-model pseudo-reality setting. Hydrology and Earth System Sciences, 2021, 25, 273-290.	1.9	9
21	Model Consistent Pseudo-Observations of Precipitation and Their Use for Bias Correcting Regional Climate Models. Climate, 2015, 3, 118-132.	1.2	8
22	Characteristics of precipitation extremes over the Nordic region: added value of convection-permitting modeling. Natural Hazards and Earth System Sciences, 2022, 22, 693-711.	1.5	8
23	Visualization of radar-observed rainfall for hydrological risk assessment. Advances in Science and Research, 0, 18, 59-64.	1.0	1