

# Debbie Polson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7330917/publications.pdf>

Version: 2024-02-01

17  
papers

914  
citations

623734

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888059

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17  
all docs

17  
docs citations

17  
times ranked

1538  
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges in Quantifying Changes in the Global Water Cycle. Bulletin of the American Meteorological Society, 2015, 96, 1097-1115.	3.3	212
2	Decreased monsoon precipitation in the Northern Hemisphere due to anthropogenic aerosols. Geophysical Research Letters, 2014, 41, 6023-6029.	4.0	133
3	Detectable Anthropogenic Shift toward Heavy Precipitation over Eastern China. Journal of Climate, 2017, 30, 1381-1396.	3.2	80
4	Detectable Impact of Local and Remote Anthropogenic Aerosols on the 20th Century Changes of West African and South Asian Monsoon Precipitation. Journal of Geophysical Research D: Atmospheres, 2018, 123, 4871-4889.	3.3	67
5	Dynamics of uncertainty in geological interpretation. Journal of the Geological Society, 2010, 167, 5-10.	2.1	60
6	Causes of Robust Seasonal Land Precipitation Changes*. Journal of Climate, 2013, 26, 6679-6697.	3.2	57
7	Have greenhouse gases intensified the contrast between wet and dry regions?. Geophysical Research Letters, 2013, 40, 4783-4787.	4.0	53
8	Fingerprints of changes in annual and seasonal precipitation from CMIP5 models over land and ocean. Geophysical Research Letters, 2012, 39, .	4.0	42
9	Changes in seasonal land precipitation during the latter twentieth century. Geophysical Research Letters, 2012, 39, .	4.0	40
10	Estimating the Transient Climate Response from Observed Warming. Journal of Climate, 2018, 31, 8645-8663.	3.2	37
11	Estimation of spatial apportionment of greenhouse gas emissions for the UK using boundary layer measurements and inverse modelling technique. Atmospheric Environment, 2011, 45, 1042-1049.	4.1	36
12	Strengthening contrast between precipitation in tropical wet and dry regions. Geophysical Research Letters, 2017, 44, 365-373.	4.0	35
13	Risk from CO2 storage in saline aquifers: A comparison of lay and expert perceptions of risk. Energy Procedia, 2011, 4, 6360-6367.	1.8	22
14	The evolving perception of risk during reservoir evaluation projects for geological storage of CO2. International Journal of Greenhouse Gas Control, 2012, 9, 10-23.	4.6	19
15	Precipitation sensitivity to warming estimated from long island records. Environmental Research Letters, 2016, 11, 074024.	5.2	13
16	Assessing Individual Influence on Group Decisions in Geological Carbon Capture and Storage Problems. Advances in Knowledge Acquisition, Transfer and Management Book Series, 2015, , 55-75.	0.2	5
17	Uncertainty in regional estimates of capacity for carbon capture and storage. Solid Earth, 2019, 10, 1707-1715.	2.8	3