

# L R Mudryk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/660945/publications.pdf>

Version: 2024-02-01

26  
papers

1,473  
citations

516710

16  
h-index

580821

25  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1996  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large near-term projected snowpack loss over the western United States. <i>Nature Communications</i> , 2017, 8, 14996.	12.8	203
2	Patterns and trends of Northern Hemisphere snow mass from 1980 to 2018. <i>Nature</i> , 2020, 581, 294-298.	27.8	203
3	Characterization of Northern Hemisphere Snow Water Equivalent Datasets, 1981–2010. <i>Journal of Climate</i> , 2015, 28, 8037-8051.	3.2	151
4	ESM-SnowMIP: assessing snow models and quantifying snow-related climate feedbacks. <i>Geoscientific Model Development</i> , 2018, 11, 5027-5049.	3.6	119
5	Historical Northern Hemisphere snow cover trends and projected changes in the CMIP6 multi-model ensemble. <i>Cryosphere</i> , 2020, 14, 2495-2514.	3.9	115
6	Canadian snow and sea ice: historical trends and projections. <i>Cryosphere</i> , 2018, 12, 1157-1176.	3.9	95
7	Snow cover response to temperature in observational and climate model ensembles. <i>Geophysical Research Letters</i> , 2017, 44, 919-926.	4.0	90
8	Evaluation of long-term Northern Hemisphere snow water equivalent products. <i>Cryosphere</i> , 2020, 14, 1579-1594.	3.9	85
9	Impact of 1, 2 and 4°C of global warming on ship navigation in the Canadian Arctic. <i>Nature Climate Change</i> , 2021, 11, 673-679.	18.8	61
10	GlobSnow v3.0 Northern Hemisphere snow water equivalent dataset. <i>Scientific Data</i> , 2021, 8, 163.	5.3	58
11	Interpreting observed northern hemisphere snow trends with large ensembles of climate simulations. <i>Climate Dynamics</i> , 2014, 43, 345-359.	3.8	39
12	Quantifying the Uncertainty in Historical and Future Simulations of Northern Hemisphere Spring Snow Cover. <i>Journal of Climate</i> , 2016, 29, 8647-8663.	3.2	38
13	Snow Ensemble Uncertainty Project (SEUP): quantification of snow water equivalent uncertainty across North America via ensemble land surface modeling. <i>Cryosphere</i> , 2021, 15, 771-791.	3.9	30
14	Maintenance and Broadening of the Ocean's Salinity Distribution by the Water Cycle. <i>Journal of Climate</i> , 2015, 28, 9550-9560.	3.2	28
15	Update of Canadian Historical Snow Survey Data and Analysis of Snow Water Equivalent Trends, 1967–2016. <i>Atmosphere - Ocean</i> , 2019, 57, 149-156.	1.6	28
16	Canadian snow and sea ice: assessment of snow, sea ice, and related climate processes in Canada's Earth system model and climate-prediction system. <i>Cryosphere</i> , 2018, 12, 1137-1156.	3.9	27
17	Western Canadian freshwater availability: current and future vulnerabilities. <i>Environmental Reviews</i> , 2020, 28, 528-545.	4.5	15
18	Representation of Snow in the Canadian Seasonal to Interannual Prediction System. Part I: Initialization. <i>Journal of Hydrometeorology</i> , 2016, 17, 1467-1488.	1.9	14

#	ARTICLE	IF	CITATIONS
19	Benchmarking algorithm changes to the Snow CCI+ snow water equivalent product. Remote Sensing of Environment, 2022, 274, 112988.	11.0	13
20	Sahel precipitation and regional teleconnections with the Indian Ocean. Journal of Geophysical Research D: Atmospheres, 2017, 122, 5654-5676.	3.3	12
21	A method to diagnose sources of annular mode time scales. Journal of Geophysical Research, 2011, 116, .	3.3	11
22	Changes in ocean vertical heat transport with global warming. Geophysical Research Letters, 2015, 42, 4940-4948.	4.0	10
23	Canadian In Situ Snow Cover Trends for 1955â€“2017 Including an Assessment of the Impact of Automation. Atmosphere - Ocean, 2021, 59, 77-92.	1.6	9
24	Estimating the Anthropogenic Sea Surface Temperature Response Using Pattern Scaling. Journal of Climate, 2015, 28, 3751-3763.	3.2	7
25	Estimating the Continental Response to Global Warming Using Pattern-Scaled Sea Surface Temperatures and Sea Ice. Journal of Climate, 2016, 29, 9125-9139.	3.2	4
26	Estimation of Hemispheric Snow Mass Evolution Based on Microwave Radiometry. , 2021, , .		0