

# Xing Fang

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

677  
citations

759233

12  
h-index

888059

17  
g-index

28  
all docs

28  
docs citations

28  
times ranked

792  
citing authors

#	ARTICLE	IF	CITATIONS
1	Scientific and Human Errors in a Snow Model Intercomparison. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E61-E79.	3.3	38
2	The Role of Basin Geometry in Mountain Snowpack Responses to Climate Change. <i>Frontiers in Water</i> , 2021, 3, .	2.3	4
3	Sensitivity analysis of hydrological processes to perturbed climate in a southern boreal forest basin. <i>Journal of Hydrology</i> , 2021, 601, 126706.	5.4	6
4	Diagnosis of future changes in hydrology for a Canadian Rockies headwater basin. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 2731-2754.	4.9	25
5	Snow cover duration trends observed at sites and predicted by multiple models. <i>Cryosphere</i> , 2020, 14, 4687-4698.	3.9	14
6	Modelling the effects of permafrost loss on discharge from a wetland-dominated, discontinuous permafrost basin. <i>Hydrological Processes</i> , 2019, 33, 2607-2626.	2.6	9
7	Evaluation of SNODAS Snow Water Equivalent in Western Canada and Assimilation Into a Cold Region Hydrological Model. <i>Water Resources Research</i> , 2019, 55, 11166-11187.	4.2	17
8	Hydrometeorological data from Marmot Creek Research Basin, Canadian Rockies. <i>Earth System Science Data</i> , 2019, 11, 455-471.	9.9	11
9	ESM-SnowMIP: assessing snow models and quantifying snow-related climate feedbacks. <i>Geoscientific Model Development</i> , 2018, 11, 5027-5049.	3.6	119
10	Simulating cold-region hydrology in an intensively drained agricultural watershed in Manitoba, Canada, using the Cold Regions Hydrological Model. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 3483-3506.	4.9	24
11	The cold rain- $\rightarrow$ snow event of June 2013 in the Canadian Rockies – characteristics and diagnosis. <i>Hydrological Processes</i> , 2016, 30, 2899-2914.	2.6	70
12	Impact of antecedent conditions on simulations of a flood in a mountain headwater basin. <i>Hydrological Processes</i> , 2016, 30, 2754-2772.	2.6	35
13	Multi-variable evaluation of hydrological model predictions for a headwater basin in the Canadian Rocky Mountains. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 1635-1659.	4.9	92
14	Effects of classification approaches on CRHM model performance. <i>Remote Sensing Letters</i> , 2012, 3, 39-47.	1.4	5
15	Effects of shelterbelts on snow distribution and sublimation. <i>Agroforestry Systems</i> , 2012, 86, 335-344.	2.0	19
16	Sensitivity of snowmelt hydrology in Marmot Creek, Alberta, to forest cover disturbance. <i>Hydrological Processes</i> , 2012, 26, 1891-1904.	2.6	113
17	Snowmelt runoff sensitivity analysis to drought on the Canadian prairies. <i>Hydrological Processes</i> , 2007, 21, 2594-2609.	2.6	64