

Kabir Rasouli

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

604
citations

687363

13
h-index

713466

21
g-index

32
all docs

32
docs citations

32
times ranked

711
citing authors

#	ARTICLE	IF	CITATIONS
1	The sensitivity of snow hydrology to changes in air temperature and precipitation in three North American headwater basins. <i>Journal of Hydrology</i> , 2022, 606, 127460.	5.4	16
2	Effects of climate change on depressionâ€‘focused groundwater recharge in the Canadian Prairies. <i>Vadose Zone Journal</i> , 2021, 20, e20153.	2.2	5
3	Fog-water harvesting Capability Index (FCI) mapping for a semi-humid catchment based on socio-environmental variables and using artificial intelligence algorithms. <i>Science of the Total Environment</i> , 2020, 708, 135115.	8.0	9
4	Linking hydrological variations at local scales to regional climate teleconnection patterns. <i>Hydrological Processes</i> , 2020, 34, 5624-5641.	2.6	6
5	A new flow for Canadian young hydrologists: Key scientific challenges addressed by research cultural shifts. <i>Hydrological Processes</i> , 2020, 34, 2001-2006.	2.6	3
6	Forecast of streamflows to the Arctic Ocean by a Bayesian neural network model with snowcover and climate inputs. <i>Hydrology Research</i> , 2020, 51, 541-561.	2.7	9
7	Vulnerability of the Caspian Sea shoreline to changes in hydrology and climate. <i>Environmental Research Letters</i> , 2020, 15, 115002.	5.2	24
8	Hydrological Responses of Headwater Basins to Monthly Perturbed Climate in the North American Cordillera. <i>Journal of Hydrometeorology</i> , 2019, 20, 863-882.	1.9	21
9	Development of Precipitation Forecast Model Based on Artificial Intelligence and Subseasonal Clustering. <i>Journal of Hydrologic Engineering - ASCE</i> , 2019, 24, .	1.9	8
10	Three Ways Forward to Improve Regional Information for Extreme Events: An Early Career Perspective. <i>Frontiers in Environmental Science</i> , 2019, 7, .	3.3	4
11	Are the effects of vegetation and soil changes as important as climate change impacts on hydrological processes?. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 4933-4954.	4.9	33
12	A long-term hydrometeorological dataset (1993â€‘2014) of a northern mountain basin: Wolf Creek Research Basin, Yukon Territory, Canada. <i>Earth System Science Data</i> , 2019, 11, 89-100.	9.9	18
13	A radiativeâ€‘conductiveâ€‘convective approach to calculate thaw season ground surface temperatures for modelling frost table dynamics. <i>Hydrological Processes</i> , 2015, 29, 3954-3965.	2.6	23
14	Snowpack sensitivity to perturbed climate in a cool midâ€‘latitude mountain catchment. <i>Hydrological Processes</i> , 2015, 29, 3925-3940.	2.6	38
15	Reply to D. L. Peters' Comment on "Streamflow input to Lake Athabasca, Canada" by Rasouli et al. (2013). <i>Hydrology and Earth System Sciences</i> , 2015, 19, 1287-1292.	4.9	2
16	Impacts of variability and trends in runoff and water temperature on salmon migration in the Fraser River Basin, Canada. <i>Hydrological Sciences Journal</i> , 2015, 60, 523-533.	2.6	15
17	Hydrological sensitivity of a northern mountain basin to climate change. <i>Hydrological Processes</i> , 2014, 28, 4191-4208.	2.6	69
18	Streamflow input to Lake Athabasca, Canada. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 1681-1691.	4.9	23

#	ARTICLE	IF	CITATIONS
19	Daily streamflow forecasting by machine learning methods with weather and climate inputs. Journal of Hydrology, 2012, 414-415, 284-293.	5.4	190
20	Short Lead-Time Streamflow Forecasting by Machine Learning Methods, with Climate Variability Incorporated. , 2010, , .		3
21	Reply to comment by Jack Lewis et al. on "Forests and floods: A new paradigm sheds light on old controversies". Water Resources Research, 2010, 46, .	4.2	15
22	Simulation of Tehran Air Pollution Using Artificial Neural Networks. , 2009, , .		1
23	Development of a Hybrid Index for Drought Prediction: Case Study. Journal of Hydrologic Engineering - ASCE, 2009, 14, 617-627.	1.9	66
24	Development of an Algorithm for Evaluation of a Water Treatment Plant Performance. , 2008, , .		2