Kabir Rasouli

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6308098/publications.pdf

Version: 2024-02-01

24	604	687363 13	713466 21
papers	citations	h-index	g-index

32	32	32	711
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Daily streamflow forecasting by machine learning methods with weather and climate inputs. Journal of Hydrology, 2012, 414-415, 284-293.	5.4	190
2	Hydrological sensitivity of a northern mountain basin to climate change. Hydrological Processes, 2014, 28, 4191-4208.	2.6	69
3	Development of a Hybrid Index for Drought Prediction: Case Study. Journal of Hydrologic Engineering - ASCE, 2009, 14, 617-627.	1.9	66
4	Snowpack sensitivity to perturbed climate in a cool midâ€latitude mountain catchment. Hydrological Processes, 2015, 29, 3925-3940.	2.6	38
5	Are the effects of vegetation and soil changes as important as climate change impacts on hydrological processes?. Hydrology and Earth System Sciences, 2019, 23, 4933-4954.	4.9	33
6	Vulnerability of the Caspian Sea shoreline to changes in hydrology and climate. Environmental Research Letters, 2020, 15, 115002.	5.2	24
7	Streamflow input to Lake Athabasca, Canada. Hydrology and Earth System Sciences, 2013, 17, 1681-1691.	4.9	23
8	A radiativeâ€“conductiveâ€“convective approach to calculate thaw season ground surface temperatures for modelling frost table dynamics. Hydrological Processes, 2015, 29, 3954-3965.	2.6	23
9	Hydrological Responses of Headwater Basins to Monthly Perturbed Climate in the North American Cordillera. Journal of Hydrometeorology, 2019, 20, 863-882.	1.9	21
10	A long-term hydrometeorological dataset (1993â€“2014) of a northern mountain basin: Wolf Creek Research Basin, Yukon Territory, Canada. Earth System Science Data, 2019, 11, 89-100.	9.9	18
11	The sensitivity of snow hydrology to changes in air temperature and precipitation in three North American headwater basins. Journal of Hydrology, 2022, 606, 127460.	5.4	16
12	Reply to comment by Jack Lewis et al. on â€œForests and floods: A new paradigm sheds light on ageâ€old controversiesâ€• Water Resources Research, 2010, 46, .	4.2	15
13	Impacts of variability and trends in runoff and water temperature on salmon migration in the Fraser River Basin, Canada. Hydrological Sciences Journal, 2015, 60, 523-533.	2.6	15
14	Fog-water harvesting Capability Index (FCI) mapping for a semi-humid catchment based on socio-environmental variables and using artificial intelligence algorithms. Science of the Total Environment, 2020, 708, 135115.	8.0	9
15	Forecast of streamflows to the Arctic Ocean by a Bayesian neural network model with snowcover and climate inputs. Hydrology Research, 2020, 51, 541-561.	2.7	9
16	Development of Precipitation Forecast Model Based on Artificial Intelligence and Subseasonal Clustering. Journal of Hydrologic Engineering - ASCE, 2019, 24, .	1.9	8
17	Linking hydrological variations at local scales to regional climate teleconnection patterns. Hydrological Processes, 2020, 34, 5624-5641.	2.6	6
18	Effects of climate change on depressionâ€focused groundwater recharge in the Canadian Prairies. Vadose Zone Journal, 2021, 20, e20153.	2.2	5

#	Article	IF	Citations
19	Three Ways Forward to Improve Regional Information for Extreme Events: An Early Career Perspective. Frontiers in Environmental Science, 2019, 7, .	3.3	4
20	Short Lead-Time Streamflow Forecasting by Machine Learning Methods, with Climate Variability Incorporated. , 2010, , .		3
21	A new flow for Canadian young hydrologists: Key scientific challenges addressed by research cultural shifts. Hydrological Processes, 2020, 34, 2001-2006.	2.6	3
22	Development of an Algorithm for Evaluation of a Water Treatment Plant Performance. , 2008, , .		2
23	Reply to D. L. Peters' Comment on "Streamflow input to Lake Athabasca, Canada" by Rasouli et al. (2013). Hydrology and Earth System Sciences, 2015, 19, 1287-1292.	4.9	2
24	Simulation of Tehran Air Pollution Using Artificial Neural Networks. , 2009, , .		1