

Fuad Yassin

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12
papers

185
citations

7
h-index

13
g-index

22
ext. papers

267
ext. citations

4.3
avg, IF

3.38
L-index

#	Paper	IF	Citations
12	Representation and improved parameterization of reservoir operation in hydrological and land-surface models. <i>Hydrology and Earth System Sciences</i> , 2019 , 23, 3735-3764	5.5	42
11	Enhanced identification of a hydrologic model using streamflow and satellite water storage data: A multicriteria sensitivity analysis and optimization approach. <i>Hydrological Processes</i> , 2017 , 31, 3320-3333	3.3	41
10	Multicriteria sensitivity analysis as a diagnostic tool for understanding model behaviour and characterizing model uncertainty. <i>Hydrological Processes</i> , 2017 , 31, 4462-4476	3.3	32
9	Review: Sources of Hydrological Model Uncertainties and Advances in Their Analysis. <i>Water (Switzerland)</i> , 2021 , 13, 28	3	21
8	Improved Understanding of River Ice Processes Using Global Sensitivity Analysis Approaches. <i>Journal of Hydrologic Engineering - ASCE</i> , 2017 , 22, 04017048	1.8	17
7	Summary and synthesis of Changing Cold Regions Network (CCRN) research in the interior of western Canada [Part 2: Future change in cryosphere, vegetation, and hydrology. <i>Hydrology and Earth System Sciences</i> , 2021 , 25, 1849-1882	5.5	10
6	An Economic Assessment of Local Farm Multi-Purpose Surface Water Retention Systems under Future Climate Uncertainty. <i>Sustainability</i> , 2017 , 9, 456	3.6	8
5	Surface water retention systems for cattail production as a biofuel. <i>Journal of Environmental Management</i> , 2017 , 203, 500-509	7.9	7
4	Hydrologic-Land Surface Modelling of a Complex System under Precipitation Uncertainty: A Case Study of the Saskatchewan River Basin, Canada		3
3	An economic assessment of local farm multi-purpose surface water retention systems in a Canadian Prairie setting. <i>Applied Water Science</i> , 2017 , 7, 4461-4478	5	2
2	Advances in modelling large river basins in cold regions with Modélisation Environnementale Communautaire Surface and Hydrology (MESH), the Canadian hydrological land surface scheme. <i>Hydrological Processes</i> , 2022 , 36,	3.3	2
1	A streamflow-oriented ranking-based methodological framework to combine multiple precipitation datasets across large river basins. <i>Journal of Hydrology</i> , 2021 , 127174	6	0