

Olga M Makarieva

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,147
citations

758635

12
h-index

610482

24
g-index

52
all docs

52
docs citations

52
times ranked

1996
citing authors

#	ARTICLE	IF	CITATIONS
1	Twenty-three unsolved problems in hydrology (UPH) – a community perspective. <i>Hydrological Sciences Journal</i> , 2019, 64, 1141-1158.	1.2	474
2	Arctic terrestrial hydrology: A synthesis of processes, regional effects, and research challenges. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 621-649.	1.3	293
3	Trends in annual and extreme flows in the Lena River basin, Northern Eurasia. <i>Geophysical Research Letters</i> , 2016, 43, 10,764.	1.5	75
4	An approach to the scaling problem in hydrological modelling: the deterministic modelling hydrological system. <i>Hydrological Processes</i> , 2011, 25, 1055-1073.	1.1	48
5	Warming temperatures are impacting the hydrometeorological regime of Russian rivers in the zone of continuous permafrost. <i>Cryosphere</i> , 2019, 13, 1635-1659.	1.5	43
6	Barriers to progress in distributed hydrological modelling. <i>Hydrological Processes</i> , 2015, 29, 2074-2078.	1.1	40
7	Simulation of subsurface heat and water dynamics, and runoff generation in mountainous permafrost conditions, in the Upper Kolyma River basin, Russia. <i>Hydrogeology Journal</i> , 2013, 21, 107-119.	0.9	35
8	The distribution and dynamics of aufeis in permafrost regions. <i>Permafrost and Periglacial Processes</i> , 2020, 31, 383-395.	1.5	27
9	Simulation of Soil Profile Heat Dynamics and their Integration into Hydrologic Modelling in a Permafrost Zone. <i>Permafrost and Periglacial Processes</i> , 2014, 25, 257-269.	1.5	16
10	Simulation of Active Layer Dynamics, Upper Kolyma, Russia, using the Hydrograph Hydrological Model. <i>Permafrost and Periglacial Processes</i> , 2014, 25, 270-280.	1.5	14
11	Water balance and hydrology research in a mountainous permafrost watershed in upland streams of the Kolyma River, Russia: a database from the Kolyma Water-Balance Station, 1948–1997. <i>Earth System Science Data</i> , 2018, 10, 689-710.	3.7	14
12	Historical and recent aufeis in the Indigirka River basin (Russia). <i>Earth System Science Data</i> , 2019, 11, 409-420.	3.7	14
13	Detecting immediate wildfire impact on runoff in a poorly-gauged mountainous permafrost basin. <i>Hydrological Sciences Journal</i> , 2015, 60, 1225-1241.	1.2	13
14	Heterogenous runoff trends in peatland-dominated basins throughout the circumpolar North. <i>Environmental Research Communications</i> , 2021, 3, 075006.	0.9	8
15	Perspectives of the development of complex interdisciplinary hydrological and geocryological research in the North-East of Russia. <i>Vestnik of Saint Petersburg University Earth Sciences</i> , 2021, 66, .	0.1	6
16	Parameterizing a hydrological model using a short-term observational dataset to study runoff generation processes and reproduce recent trends in streamflow at a remote mountainous permafrost basin. <i>Hydrological Processes</i> , 2021, 35, e14278.	1.1	5
17	Icings of the Indigirka river basin according to the recent Landsat satellite images and historical data. <i>Led i Sneg</i> , 2019, 59, 201-212.	0.1	5
18	Phase State of Precipitation as a Factor of Low Flow in the Yana and Indigirka River Basins. <i>Russian Meteorology and Hydrology</i> , 2020, 45, 276-282.	0.2	2

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19	Water tracks in the lower Lena River basin. E3S Web of Conferences, 2020, 163, 04007.	0.2	2
20	Modeling of the Summer 2019 Disastrous Floods on the Iya River (Irkutsk Oblast). Geography and Natural Resources, 2020, 41, 354-363.	0.1	2
21	Methods of mathematical modelling for calculating flow characteristics of ungauged rivers in engineering design tasks (by the example of the Khemchik River, Tyva Republic, Russia). IOP Conference Series: Earth and Environmental Science, 2019, 381, 012068.	0.2	1
22	Reconstruction of the hazardous flood of 2014 in Magadan city based on coupled hydrometeorological modelling. E3S Web of Conferences, 2020, 163, 01007.	0.2	1
23	Evaluating extreme flood characteristics of small mountainous basins of the Black Sea coastal area, Northern Caucasus. Proceedings of the International Association of Hydrological Sciences, 0, 370, 161-165.	1.0	1
24	Evaluation of short-term changes of hydrological response in mountainous basins of the Vitim Plateau (Russia) after forest fires based on data analysis and hydrological modelling. Proceedings of the International Association of Hydrological Sciences, 0, 371, 157-162.	1.0	1
25	Calculation of catastrophic floods characteristics of ungauged Tsemes River (Novorossiysk, the) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Petersburg University Earth Sciences, 2019, 64, .	0.1	1
26	Challenges of Hydrological Engineering Design in Degrading Permafrost Environment of Russia. Energies, 2022, 15, 2649.	1.6	1
27	Catalogue and Atlas of giant aufeis of the North-East of Russia. E3S Web of Conferences, 2020, 163, 04001.	0.2	0