Nikita I Tananaev

List of Publications by Year
in descending order

38	702	566801 15	552369 26
papers	citations	h-index	g-index

45	45	45	1314
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Trends in annual and extreme flows in the Lena River basin, Northern Eurasia. Geophysical Research Letters, 2016, 43, 10,764.	1.5	75
2	Permafrost hydrology in changing climatic conditions: seasonal variability of stable isotope composition in rivers in discontinuous permafrost. Environmental Research Letters, 2015, 10, 095003.	2.2	73
3	Eurasian river spring flood observations support net Arctic Ocean mercury export to the atmosphere and Atlantic Ocean. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11586-E11594.	3.3	68
4	Anaerobic oxidation of methane and associated microbiome in anoxic water of Northwestern Siberian lakes. Science of the Total Environment, 2020, 736, 139588.	3.9	67
5	Background invertebrate herbivory on dwarf birch (Betula glandulosa-nana complex) increases with temperature and precipitation across the tundra biome. Polar Biology, 2017, 40, 2265-2278.	0.5	47
6	Assessment of sediment and organic carbon exports into the Arctic ocean: The case of the Yenisei River basin. Water Research, 2019, 158, 118-135.	5.3	46
7	Using High Spatio-Temporal Optical Remote Sensing to Monitor Dissolved Organic Carbon in the Arctic River Yenisei. Remote Sensing, 2016, 8, 803.	1.8	31
8	Hysteresis effects of suspended sediment transport in relation to geomorphic conditions and dominant sediment sources in medium and large rivers of the Russian Arctic. Hydrology Research, 2015, 46, 232-243.	1.1	27
9	An extreme flood caused by a heavy snowfall over the Indigirka River basin in Northeastern Siberia. Hydrological Processes, 2020, 34, 522-537.	1.1	27
10	Hydrological and sedimentary controls over fluvial thermal erosion, the Lena River, central Yakutia. Geomorphology, 2016, 253, 524-533.	1.1	25
11	Seasonal change of geochemical sources and processes in the Yenisei River: A Sr, Mg and Li isotope study. Geochimica Et Cosmochimica Acta, 2019, 255, 222-236.	1.6	22
12	Sub-oxycline methane oxidation can fully uptake CH4 produced in sediments: case study of a lake in Siberia. Scientific Reports, 2020, 10, 3423.	1.6	20
13	Using Modeling Tools to Better Understand Permafrost Hydrology. Water (Switzerland), 2017, 9, 418.	1.2	18
14	Small-scale spatial patterns of soil organic carbon and nitrogen stocks in permafrost-affected soils of northern Siberia. Geoderma, 2018, 329, 91-107.	2.3	17
15	Defrosting northern catchments: Fluvial effects of permafrost degradation. Earth-Science Reviews, 2022, 228, 103996.	4.0	17
16	Turbidity observations in sediment flux studies: Examples from Russian rivers in cold environments. Geomorphology, 2014, 218, 63-71.	1.1	15
17	Contribution of Peatland Permafrost to Dissolved Organic Matter along a Thaw Gradient in North Siberia. Environmental Science & Technology, 2019, 53, 14165-14174.	4.6	15
18	Springtime Flood Risk Reduction in Rural Arctic: A Comparative Study of Interior Alaska, United States and Central Yakutia, Russia. Geosciences (Switzerland), 2018, 8, 90.	1.0	14

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19	Permafrost Hydrology Research Domain: Process-Based Adjustment. Hydrology, 2020, 7, 6.	1.3	10
20	Morphometric Analysis of Groundwater Icings: Intercomparison of Estimation Techniques. Remote Sensing, 2020, 12, 692.	1.8	9
21	Seasonality of DOC export from a Russian subarctic catchment underlain by discontinuous permafrost, highlighted by highâ€frequency monitoring. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG006152.	1.3	8
22	Hysteresis effect in the seasonal variations in the relationship between water discharge and suspended load in rivers of permafrost zone in Siberia and Far East. Water Resources, 2012, 39, 648-656.	0.3	7
23	Applying regression analysis to calculating suspended sediment runoff: Specific features of the method. Water Resources, 2013, 40, 585-592.	0.3	7
24	Revising contemporary heat flux estimates for the Lena River, Northern Eurasia. Hydrology Research, 2019, 50, 1440-1452.	1.1	7
25	Assessment of the community vulnerability to extreme spring floods: the case of the Amga River, central Yakutia, Siberia. Hydrology Research, 2021, 52, 125-141.	1.1	7
26	Hydrological Connectivity in a Permafrost Tundra Landscape near Vorkuta, North-European Arctic Russia. Hydrology, 2021, 8, 106.	1.3	7
27	Fitting sediment rating curves using regression analysis: a case study of Russian Arctic rivers. Proceedings of the International Association of Hydrological Sciences, 0, 367, 193-198.	1.0	4
28	Hydrochemical Conditions at the Lena River in August 2018. Oceanology, 2019, 59, 797-800.	0.3	3
29	Estimation of the annual discharge of suspended matter by the rivers of North Siberia and the Far East. Oceanology, 2014, 54, 650-659.	0.3	2
30	Seasonal and Long-Term Within-Channel Permafrost and Its Effect on Northern River Navigation. , 2012, , .		1
31	Features of Permafrost Technogenic Transformation in Northern Enisey Region Cities. , 2012, , .		1
32	Evaluating the annual runoff of traction load on the rivers in the north of Siberia and the Far East. Geography and Natural Resources, 2013, 34, 79-87.	0.1	1
33	Sediment and solute fluxes at the Igarka field site, Russian subarctic. , 2016, , 144-153.		1
34	The Organic Component of Particulate Matter in Small Streams of the Northern Yenisei Region During the Summer-Autumn Period. Geography and Natural Resources, 2018, 39, 140-147.	0.1	1
35	Envelope Foundation Employment in Arctic Construction. , 2012, , .		0
36	Advancing Spring Flood Risk Reduction in the Arctic through Interdisciplinary Research and Stakeholder Collaborations. , 0, , 341-348.		0

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37	Annual suspended sediment load of the Yenisei river. Izvestiya Rossiiskoi Akademii Nauk Seriya Geograficheskaya, 2019, , 68-82.	0.4	0
38	Late Summer Water Sources in Rivers and Lakes of the Upper Yana River Basin, Northern Eurasia, Inferred from Hydrological Tracer Data. Hydrology, 2022, 9, 24.	1.3	0