Sergey N Vorobyev

List of Publications by Year
in descending order

32	1,022	430442	454577
papers	citations	18 h-index	30 g-index

33	33	33	1032
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Using stable isotopes to assess surface water source dynamics and hydrological connectivity in a high-latitude wetland and permafrost influenced landscape. Journal of Hydrology, 2018, 556, 279-293.	2.3	116
2	Permafrost coverage, watershed area and season control of dissolved carbon and major elements in western Siberian rivers. Biogeosciences, 2015, 12, 6301-6320.	1.3	78
3	Seasonal dynamics of organic carbon and metals in thermokarst lakes from the discontinuous permafrost zone of western Siberia. Biogeosciences, 2015, 12, 3009-3028.	1.3	75
4	Trace element transport in western Siberian rivers across a permafrost gradient. Biogeosciences, 2016, 13, 1877-1900.	1.3	69
5	Impact of western Siberia heat wave 2012 on greenhouse gases and trace metal concentration in thaw lakes of discontinuous permafrost zone. Biogeosciences, 2013, 10, 5349-5365.	1.3	60
6	Dissolved organic carbon and major and trace elements in peat porewater of sporadic, discontinuous, and continuous permafrost zones of western Siberia. Biogeosciences, 2017, 14, 3561-3584.	1.3	58
7	Permafrost thaw and climate warming may decrease the CO2, carbon, and metal concentration in peat soil waters of the Western Siberia Lowland. Science of the Total Environment, 2018, 634, 1004-1023.	3.9	57
8	Abrupt permafrost collapse enhances organic carbon, CO 2 , nutrient and metal release into surface waters. Chemical Geology, 2017, 471, 153-165.	1.4	55
9	Carbon emission from Western Siberian inland waters. Nature Communications, 2021, 12, 825.	5.8	50
10	Impact of Permafrost Thaw and Climate Warming on Riverine Export Fluxes of Carbon, Nutrients and Metals in Western Siberia. Water (Switzerland), 2020, 12, 1817.	1.2	47
11	Impact of snow deposition on major and trace element concentrations and elementary fluxes in surface waters of the Western Siberian Lowland across a 1700â€¯km latitudinal gradient. Hydrology and Earth System Sciences, 2017, 21, 5725-5746.	1.9	37
12	Major and trace elements in suspended matter of western Siberian rivers: First assessment across permafrost zones and landscape parameters of watersheds. Geochimica Et Cosmochimica Acta, 2020, 269, 429-450.	1.6	36
13	Bacteria primarily metabolize at the active layer/permafrost border in the peat core from a permafrost region in western Siberia. Polar Biology, 2017, 40, 1645-1659.	0.5	29
14	Permafrost Boundary Shift in Western Siberia May Not Modify Dissolved Nutrient Concentrations in Rivers. Water (Switzerland), 2017, 9, 985.	1.2	28
15	Dispersed ground ice of permafrost peatlands: Potential unaccounted carbon, nutrient and metal sources. Chemosphere, 2021, 266, 128953.	4.2	25
16	Biogeochemistry of dissolved carbon, major, and trace elements during spring flood periods on the <scp>O</scp>b <scp>R</scp>iver. Hydrological Processes, 2019, 33, 1579-1594.	1.1	23
17	Insoluble Particles in the Snowpack of the Ob River Basin (Western Siberia) a 2800 km Submeridional Profile. Atmosphere, 2020, 11, 1184.	1.0	22
18	Spatial and Seasonal Variations of C, Nutrient, and Metal Concentration in Thermokarst Lakes of Western Siberia Across a Permafrost Gradient. Water (Switzerland), 2020, 12, 1830.	1.2	22

#	Article	IF	Citations
19	Biogeochemistry of macrophytes, sediments and porewaters in thermokarst lakes of permafrost peatlands, western Siberia. Science of the Total Environment, 2021, 763, 144201.	3.9	21
20	Flood zone biogeochemistry of the Ob River middle course. Applied Geochemistry, 2015, 63, 133-145.	1.4	20
21	Fluvial carbon dioxide emission from the Lena River basin during the spring flood. Biogeosciences, 2021, 18, 4919-4936.	1.3	19
22	The role of Eurasian beaver (Castor fiber) in the storage, emission and deposition of carbon in lakes and rivers of the River Ob flood plain, western Siberia. Science of the Total Environment, 2018, 644, 1371-1379.	3.9	18
23	Seasonal dynamics of phytoplankton in acidic and humic environment in thaw ponds of discontinuous permafrost zone. Annales De Limnologie, 2016, 52, 47-60.	0.6	15
24	Sizable carbon emission from the floodplain of Ob River. Ecological Indicators, 2021, 131, 108164.	2.6	10
25	Landscape, Soil, Lithology, Climate and Permafrost Control on Dissolved Carbon, Major and Trace Elements in the Ob River, Western Siberia. Water (Switzerland), 2021, 13, 3189.	1.2	7
26	Dissolved Metal (Fe, Mn, Zn, Ni, Cu, Co, Cd, Pb) and Metalloid (As, Sb) in Snow Water across a 2800 km Latitudinal Profile of Western Siberia: Impact of Local Pollution and Global Transfer. Water (Switzerland), 2022, 14, 94.	1.2	7
27	Testing Landscape, Climate and Lithology Impact on Carbon, Major and Trace Elements of the Lena River and Its Tributaries during a Spring Flood Period. Water (Switzerland), 2021, 13, 2093.	1.2	5
28	Carbon, nutrient and metal controls on phytoplankton concentration and biodiversity in thermokarst lakes of latitudinal gradient from isolated to continuous permafrost. Science of the Total Environment, 2022, 806, 151250.	3.9	5
29	Russianâ€“EU collaboration via the mega-transect approach for large-scale projects: cases of RF Federal target Programme and SIWA JPI Climate EU Programme. International Journal of Environmental Studies, 2018, 75, 385-394.	0.7	4
30	Hydrochemistry of Medium-Size Pristine Rivers in Boreal and Subarctic Zone: Disentangling Effect of Landscape Parameters across a Permafrost, Climate, and Vegetation Gradient. Water (Switzerland), 2022, 14, 2250.	1.2	2
31	Danger due to the translocation of nanoparticles in soil: mathematical modeling. IOP Conference Series: Materials Science and Engineering, 2015, 98, 012022.	0.3	0
32	Endothelial function status in hypogonadal men. Diabetes Mellitus, 2022, 24, 440-447.	0.5	0