

Sergey N Vorobyev

List of Publications by Year in descending order

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32
papers

1,022
citations

430754

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454834

30
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docs citations

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times ranked

1032
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon, nutrient and metal controls on phytoplankton concentration and biodiversity in thermokarst lakes of latitudinal gradient from isolated to continuous permafrost. <i>Science of the Total Environment</i> , 2022, 806, 151250.	3.9	5
2	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. <i>Water (Switzerland)</i> , 2022, 14, 94.	1.2	7
3	Endothelial function status in hypogonadal men. <i>Diabetes Mellitus</i> , 2022, 24, 440-447.	0.5	0
4	Hydrochemistry of Medium-Size Pristine Rivers in Boreal and Subarctic Zone: Disentangling Effect of Landscape Parameters across a Permafrost, Climate, and Vegetation Gradient. <i>Water (Switzerland)</i> , 2022, 14, 2250.	1.2	2
5	Dispersed ground ice of permafrost peatlands: Potential unaccounted carbon, nutrient and metal sources. <i>Chemosphere</i> , 2021, 266, 128953.	4.2	25
6	Carbon emission from Western Siberian inland waters. <i>Nature Communications</i> , 2021, 12, 825.	5.8	50
7	Biogeochemistry of macrophytes, sediments and porewaters in thermokarst lakes of permafrost peatlands, western Siberia. <i>Science of the Total Environment</i> , 2021, 763, 144201.	3.9	21
8	Testing Landscape, Climate and Lithology Impact on Carbon, Major and Trace Elements of the Lena River and Its Tributaries during a Spring Flood Period. <i>Water (Switzerland)</i> , 2021, 13, 2093.	1.2	5
9	Fluvial carbon dioxide emission from the Lena River basin during the spring flood. <i>Biogeosciences</i> , 2021, 18, 4919-4936.	1.3	19
10	Sizable carbon emission from the floodplain of Ob River. <i>Ecological Indicators</i> , 2021, 131, 108164.	2.6	10
11	Landscape, Soil, Lithology, Climate and Permafrost Control on Dissolved Carbon, Major and Trace Elements in the Ob River, Western Siberia. <i>Water (Switzerland)</i> , 2021, 13, 3189.	1.2	7
12	Major and trace elements in suspended matter of western Siberian rivers: First assessment across permafrost zones and landscape parameters of watersheds. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 269, 429-450.	1.6	36
13	Insoluble Particles in the Snowpack of the Ob River Basin (Western Siberia) a 2800 km Submeridional Profile. <i>Atmosphere</i> , 2020, 11, 1184.	1.0	22
14	Spatial and Seasonal Variations of C, Nutrient, and Metal Concentration in Thermokarst Lakes of Western Siberia Across a Permafrost Gradient. <i>Water (Switzerland)</i> , 2020, 12, 1830.	1.2	22
15	Impact of Permafrost Thaw and Climate Warming on Riverine Export Fluxes of Carbon, Nutrients and Metals in Western Siberia. <i>Water (Switzerland)</i> , 2020, 12, 1817.	1.2	47
16	Biogeochemistry of dissolved carbon, major, and trace elements during spring flood periods on the Ob River. <i>Hydrological Processes</i> , 2019, 33, 1579-1594.	1.1	23
17	Permafrost thaw and climate warming may decrease the CO ₂ , carbon, and metal concentration in peat soil waters of the Western Siberia Lowland. <i>Science of the Total Environment</i> , 2018, 634, 1004-1023.	3.9	57
18	Russian–EU collaboration via the mega-transect approach for large-scale projects: cases of RF Federal target Programme and SIWA JPI Climate EU Programme. <i>International Journal of Environmental Studies</i> , 2018, 75, 385-394.	0.7	4

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19	Using stable isotopes to assess surface water source dynamics and hydrological connectivity in a high-latitude wetland and permafrost influenced landscape. <i>Journal of Hydrology</i> , 2018, 556, 279-293.	2.3	116
20	The role of Eurasian beaver (<i>Castor fiber</i>) in the storage, emission and deposition of carbon in lakes and rivers of the River Ob flood plain, western Siberia. <i>Science of the Total Environment</i> , 2018, 644, 1371-1379.	3.9	18
21	Bacteria primarily metabolize at the active layer/permafrost border in the peat core from a permafrost region in western Siberia. <i>Polar Biology</i> , 2017, 40, 1645-1659.	0.5	29
22	Abrupt permafrost collapse enhances organic carbon, CO ₂ , nutrient and metal release into surface waters. <i>Chemical Geology</i> , 2017, 471, 153-165.	1.4	55
23	Impact of snow deposition on major and trace element concentrations and elementary fluxes in surface waters of the Western Siberian Lowland across a 1700 km latitudinal gradient. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 5725-5746.	1.9	37
24	Permafrost Boundary Shift in Western Siberia May Not Modify Dissolved Nutrient Concentrations in Rivers. <i>Water (Switzerland)</i> , 2017, 9, 985.	1.2	28
25	Dissolved organic carbon and major and trace elements in peat porewater of sporadic, discontinuous, and continuous permafrost zones of western Siberia. <i>Biogeosciences</i> , 2017, 14, 3561-3584.	1.3	58
26	Trace element transport in western Siberian rivers across a permafrost gradient. <i>Biogeosciences</i> , 2016, 13, 1877-1900.	1.3	69
27	Seasonal dynamics of phytoplankton in acidic and humic environment in thaw ponds of discontinuous permafrost zone. <i>Annales De Limnologie</i> , 2016, 52, 47-60.	0.6	15
28	Flood zone biogeochemistry of the Ob River middle course. <i>Applied Geochemistry</i> , 2015, 63, 133-145.	1.4	20
29	Danger due to the translocation of nanoparticles in soil: mathematical modeling. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015, 98, 012022.	0.3	0
30	Seasonal dynamics of organic carbon and metals in thermokarst lakes from the discontinuous permafrost zone of western Siberia. <i>Biogeosciences</i> , 2015, 12, 3009-3028.	1.3	75
31	Permafrost coverage, watershed area and season control of dissolved carbon and major elements in western Siberian rivers. <i>Biogeosciences</i> , 2015, 12, 6301-6320.	1.3	78
32	Impact of western Siberia heat wave 2012 on greenhouse gases and trace metal concentration in thaw lakes of discontinuous permafrost zone. <i>Biogeosciences</i> , 2013, 10, 5349-5365.	1.3	60