

Vladimir P Shevchenko

List of Publications by Year in descending order

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63
papers

1,752
citations

331670

21
h-index

289244

40
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71
all docs

71
docs citations

71
times ranked

2447
citing authors

#	ARTICLE	IF	CITATIONS
1	Black carbon in the Arctic: the underestimated role of gas flaring and residential combustion emissions. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 8833-8855.	4.9	330
2	Dissolved, suspended, and colloidal fluxes of organic carbon, major and trace elements in the Severnaya Dvina River and its tributary. <i>Chemical Geology</i> , 2010, 273, 136-149.	3.3	180
3	Multiple Effects of Changes in Arctic Snow Cover. <i>Ambio</i> , 2011, 40, 32-45.	5.5	169
4	Heavy metals in aerosols over the seas of the Russian Arctic. <i>Science of the Total Environment</i> , 2003, 306, 11-25.	8.0	80
5	Variability in under-ice export fluxes of biogenic matter in the Arctic Ocean. <i>Global Biogeochemical Cycles</i> , 2014, 28, 571-583.	4.9	75
6	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.	3.3	75
7	Fate of colloids during estuarine mixing in the Arctic. <i>Ocean Science</i> , 2014, 10, 107-125.	3.4	68
8	Biogeochemistry of carbon, major and trace elements in watersheds of northern Eurasia drained to the Arctic Ocean: The change of fluxes, sources and mechanisms under the climate warming prospective. <i>Comptes Rendus - Geoscience</i> , 2012, 344, 663-677.	1.2	64
9	Pan-Eurasian Experiment (PEEX): towards a holistic understanding of the feedbacks and interactions in the land-atmosphere-ocean-society continuum in the northern Eurasian region. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 14421-14461.	4.9	57
10	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.	4.9	37
11	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.	3.9	36
12	On the elemental composition of suspended matter of the Severnaya Dvina River (White Sea region). <i>Doklady Earth Sciences</i> , 2010, 430, 228-234.	0.7	35
13	Natural and artificial radionuclides as a tool for sedimentation studies in the Arctic region. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007, 274, 315-321.	1.5	32
14	Transformation of particulate organic matter at the water-bottom boundary in the Russian Arctic seas: Evidence from isotope and radioisotope data. <i>Lithology and Mineral Resources</i> , 2012, 47, 99-128.	0.6	27
15	Overview: Integrative and Comprehensive Understanding on Polar Environments (iCUPE) - concept and initial results. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 8551-8592.	4.9	26
16	Chronology of isolation of the Solovetskii archipelago lakes and current rates of lake sedimentation. <i>Doklady Earth Sciences</i> , 2012, 446, 1042-1048.	0.7	24
17	Dispersed organic matter and its fluxes in oceans and seas from the example of the White Sea: Results of a 12-year study. <i>Doklady Earth Sciences</i> , 2014, 456, 635-639.	0.7	24
18	Origin of elemental carbon in snow from western Siberia and northwestern European Russia during winter-spring 2014, 2015 and 2016. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 963-977.	4.9	24

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19	Monitoring Tidal Conditions in Estuaries of the Karelian Coast of the White Sea. <i>Water Resources</i> , 2005, 32, 611-628.	0.9	23
20	Multidisciplinary studies of the separating lakes at different stage of isolation from the White Sea performed in March 2012. <i>Oceanology</i> , 2013, 53, 639-642.	1.2	23
21	Specific features of the distribution of trace and rare earth elements in recent bottom sediments in the lower course of the Severnaya Dvina River and White Sea. <i>Lithology and Mineral Resources</i> , 2014, 49, 433-460.	0.6	23
22	Insoluble Particles in the Snowpack of the Ob River Basin (Western Siberia) a 2800 km Submeridional Profile. <i>Atmosphere</i> , 2020, 11, 1184.	2.3	22
23	Elemental and organic carbon in atmospheric aerosols over the northwestern coast of Kandalaksha Bay of the White Sea. <i>Doklady Earth Sciences</i> , 2015, 461, 242-246.	0.7	20
24	Hydrological and geochemical anomalies associated with hydrothermal activity in SW Pacific marginal and back-arc basins. <i>Marine Geology</i> , 1997, 142, 7-45.	2.1	17
25	Distribution, Composition, and Vertical Fluxes of Particulate Matter in Bays of Novaya Zemlya Archipelago, Vaigach Island at the End of Summer. <i>Advances in Meteorology</i> , 2012, 2012, 1-15.	1.6	16
26	Relationship between the suspended particulate matter and microorganisms in the White Sea waters. <i>Oceanology</i> , 2008, 48, 837-854.	1.2	15
27	Composition of the suspended particulate matter at the Severnaya Dvina River mouth (White Sea) during the spring flood period. <i>Oceanology</i> , 2010, 50, 365-385.	1.2	15
28	Patterns of mercury distribution in bottom sediments along the Severnaya Dvina-White Sea section. <i>Doklady Earth Sciences</i> , 2011, 436, 51-54.	0.7	15
29	Clay-mineral and grain-size distributions in surface sediments of the White Sea (Arctic Ocean): indicators of sediment sources and transport processes. <i>Geo-Marine Letters</i> , 2010, 30, 605-616.	1.1	14
30	Spatial and temporal variability in suspended particulate matter concentration within the active layer of the White Sea. <i>Doklady Earth Sciences</i> , 2013, 453, 1228-1233.	0.7	12
31	Vertical flux of phytoplankton and particulate matter in the White Sea according to the long-term exposure of sediment traps. <i>Oceanology</i> , 2013, 53, 192-199.	1.2	11
32	Rare-earth element distribution and $^{87}\text{Sr}/^{86}\text{Sr}$ systematics in modern bottom sediments of the Caspian Sea. <i>Doklady Earth Sciences</i> , 2014, 459, 1418-1422.	0.7	10
33	Spatial Distribution of Black Carbon Concentrations in the Atmosphere of the North Atlantic and the European Sector of the Arctic Ocean. <i>Atmosphere</i> , 2021, 12, 949.	2.3	10
34	Spatial distribution of phytoplankton in the White Sea in the late summer period with regard to the water structure and dynamics. <i>Oceanology</i> , 2011, 51, 993-1003.	1.2	9
35	Oxygen isotope composition of water and snow-ice cover of isolated lakes at various stages of separation from the White Sea. <i>Doklady Earth Sciences</i> , 2013, 449, 406-412.	0.7	9
36	Overview: Recent advances in the understanding of the northern Eurasian environments and of the urban air quality in China – a Pan-Eurasian Experiment (PEEX) programme perspective. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 4413-4469.	4.9	9

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37	Chemical composition of surface sediments of the White Sea. <i>Lithology and Mineral Resources</i> , 2009, 44, 103-119.	0.6	8
38	Multidisciplinary studies in Onega Bay of the White Sea and the estuary of the Onega River during the summer period. <i>Oceanology</i> , 2008, 48, 255-267.	1.2	7
39	Geochemistry of terricolous lichens in the White Sea catchment area. <i>Doklady Earth Sciences</i> , 2013, 450, 514-520.	0.7	7
40	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.	2.7	7
41	Characterisation of particulate matter from the Kara Sea using electron probe X-ray micro analysis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1997, 120, 61-75.	4.7	6
42	The inhabitants of the spring ice, under-ice water, and sediments of the white sea in the estuarine zone of the Severnaya Dvina River. <i>Oceanology</i> , 2011, 51, 295-305.	1.2	6
43	Contrasting summer phytoplankton communities in stratified and mixed waters of the white sea. <i>Oceanology</i> , 2014, 54, 730-738.	1.2	6
44	Organic Compounds and Suspended Particulate Matter in Snow of High Latitude Areas (Arctic and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.3	6
45	Forms of some metals in the suspended sediments of the Northern Dvina River and their seasonal variations. <i>Oceanology</i> , 2012, 52, 261-270.	1.2	5
46	Peculiarities of the rare-earth element distribution in the modern bottom sediments of the White Sea and the lower reaches of the Severnaya Dvina River. <i>Oceanology</i> , 2013, 53, 702-714.	1.2	5
47	Aeolian and Ice Transport of Matter (Including Pollutants) in the Arctic. <i>From Pole To Pole</i> , 2016, , 59-73.	0.1	5
48	Spatial Distribution of Phytoplankton in the Subarctic Estuary (Kemâ€™ River, the White Sea). <i>Oceanology</i> , 2019, 59, 305-315.	1.2	5
49	Nannoplankton of the Atlantic Ocean from sediment trap samples. <i>Oceanology</i> , 2006, 46, 33-49.	1.2	4
50	Artificial radioactivity of the White Sea. <i>Radiochemistry</i> , 2006, 48, 620-625.	0.7	4
51	Comparative analysis of the microelemental composition of seston and bottom sediments in the White Sea. <i>Doklady Earth Sciences</i> , 2006, 406, 136-140.	0.7	4
52	Multidisciplinary investigations of the white sea during the period of the summer low water in 2009 onboard the R/V Ekolog. <i>Oceanology</i> , 2010, 50, 630-634.	1.2	4
53	Manifestation of marine and riverine factors in the tide and ebb phases along the white sea coasts of different configuration. <i>Oceanology</i> , 2011, 51, 105-117.	1.2	3
54	Dispersed Sedimentary Matter of the Atmosphere. <i>Handbook of Environmental Chemistry</i> , 2018, , 9-46.	0.4	3

#	ARTICLE	IF	CITATIONS
55	<title>Investigations of microphysical and chemical composition of aerosol in near-water layer of the atmosphere over the White Sea</title>. , 2006, , .		2
56	Progress in marine geology in the reports at the 16th International Conference-School "Geology of Seas and Oceans": Oceanology, 2007, 47, 594-597.	1.2	2
57	Contents and compositions of hydrocarbons in bottom sediments at the Severnaya Dvina-White Sea geochemical barrier. Doklady Earth Sciences, 2007, 414, 609-614.	0.7	2
58	The Mixing Zone Between Waters of the Severnaya Dvina River and the White Sea. Handbook of Environmental Chemistry, 2018, , 83-113.	0.4	2
59	Progress of marine geology in the reports at the 17th International Scientific Conference (School) "Geology of Seas and Oceans": Oceanology, 2008, 48, 878-882.	1.2	1
60	Studies of the White Sea System from onboard the R/V Ekolog in July 2010. Oceanology, 2011, 51, 1074-1077.	1.2	1
61	Peculiarities of spatial-temporal variability of the aerosol optical depth of the atmosphere over Kara and Barents Seas in 2016. , 2017, , .		1
62	Variation in Ecological Status of Norwegian Sea Water Determined from Hydrolytic Enzyme Activities. Biology Bulletin, 2005, 32, 387-396.	0.5	0
63	Achievements of marine geology in reports at the 20th International Scientific Conference (School) on Marine Geology. Oceanology, 2015, 55, 148-151.	1.2	0