

Svetlana P Pugach

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2472631/publications.pdf>

Version: 2024-02-01

29
papers

942
citations

687363

13
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

995
citing authors

#	ARTICLE	IF	CITATIONS
1	Acidification of East Siberian Arctic Shelf waters through addition of freshwater and terrestrial carbon. <i>Nature Geoscience</i> , 2016, 9, 361-365.	12.9	135
2	Nonconservative behavior of dissolved organic carbon across the Laptev and East Siberian seas. <i>Global Biogeochemical Cycles</i> , 2010, 24, .	4.9	107
3	Carbon transport by the Lena River from its headwaters to the Arctic Ocean, with emphasis on fluvial input of terrestrial particulate organic carbon vs. carbon transport by coastal erosion. <i>Biogeosciences</i> , 2011, 8, 2407-2426.	3.3	107
4	A climate shift in seasonal values of meteorological and hydrological parameters for Northeastern Asia. <i>Progress in Oceanography</i> , 2000, 47, 279-297.	3.2	83
5	Inventories and behavior of particulate organic carbon in the Laptev and East Siberian seas. <i>Global Biogeochemical Cycles</i> , 2011, 25, n/a-n/a.	4.9	67
6	Carbonate chemistry dynamics in Bering Strait and the Chukchi Sea. <i>Progress in Oceanography</i> , 2002, 55, 77-94.	3.2	61
7	The effect of bulk solution temperature on the intensity and spectra of water sonoluminescence. <i>Ultrasonics</i> , 1994, 32, 71-76.	3.9	58
8	Space-time dynamics of carbon and environmental parameters related to carbon dioxide emissions in the Buor-Khaya Bay and adjacent part of the Laptev Sea. <i>Biogeosciences</i> , 2013, 10, 5977-5996.	3.3	55
9	Interannual variability of air-sea CO ₂ fluxes and carbon system in the East Siberian Sea. <i>Biogeosciences</i> , 2011, 8, 1987-2007.	3.3	43
10	Dissolved organic matter and its optical characteristics in the Laptev and East Siberian seas: spatial distribution and interannual variability (2003-2011). <i>Ocean Science</i> , 2018, 14, 87-103.	3.4	40
11	Carbonate parameters of the Lena River: Characteristics and distribution. <i>Geochemistry International</i> , 2010, 48, 1131-1137.	0.7	33
12	Optical spectra of water sonoluminescence. <i>Ultrasonics Sonochemistry</i> , 1994, 1, S9-S12.	8.2	26
13	The spatial and interannual dynamics of the surface water carbonate system and air-sea CO ₂ fluxes in the outer shelf and slope of the Eurasian Arctic Ocean. <i>Ocean Science</i> , 2017, 13, 997-1016.	3.4	20
14	Carbonate characteristics of waters of the Arctic Ocean continental slope. <i>Doklady Earth Sciences</i> , 2011, 438, 858-863.	0.7	11
15	Dynamics of colored dissolved matter on the East Siberian sea shelf. <i>Doklady Earth Sciences</i> , 2013, 448, 153-156.	0.7	11
16	Optical characteristics of the colored dissolved organic matter on the East Siberian shelf. <i>Doklady Earth Sciences</i> , 2015, 465, 1293-1296.	0.7	9
17	The autumn distribution of the CO ₂ partial pressure in bottom waters of the East Siberian Sea. <i>Doklady Earth Sciences</i> , 2009, 425, 345-349.	0.7	8
18	Surface CO ₂ system dynamics in the Gulf of Anadyr during the open water season. <i>Continental Shelf Research</i> , 2021, 217, 104371.	1.8	8

#	ARTICLE	IF	CITATIONS
19	Distribution and air-sea fluxes of carbon dioxide on the Chukchi Sea shelf. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2015, 51, 1088-1102.	0.9	7
20	Peculiarities of the formation of suspended particulate matter fields in the Eastern Arctic seas. <i>Doklady Earth Sciences</i> , 2015, 462, 626-630.	0.7	7
21	Hydrochemistry and isotopic signatures of subpermafrost groundwater discharge along the eastern slope of the Lena River Delta in the Laptev Sea. <i>Journal of Hydrology</i> , 2020, 590, 125515.	5.4	7
22	CO ₂ dynamics on the shelf of the East Siberian Sea. <i>Russian Meteorology and Hydrology</i> , 2010, 35, 624-632.	1.3	6
23	Peculiarities of the present-day morpholithogenesis on the Laptev Sea Shelf: Semenovskaya shoal (Vasema Land). <i>Doklady Earth Sciences</i> , 2015, 462, 510-516.	0.7	6
24	Comparison of calculated and measured CO ₂ fluxes between the ocean and atmosphere in the southwestern part of the East Siberia Sea. <i>Doklady Earth Sciences</i> , 2008, 422, 1105-1108.	0.7	5
25	Assessment of the CO ₂ fluxes between the ocean and the atmosphere in the eastern part of the Laptev Sea in the ice-free period. <i>Doklady Earth Sciences</i> , 2016, 467, 398-401.	0.7	5
26	CO ₂ exchange in the ocean-atmosphere system on the Chukchi Sea shelf. <i>Doklady Earth Sciences</i> , 2006, 411, 1244-1248.	0.7	4
27	Biogeochemical studies of the system "Anadyr River-Bering Sea" during the summer of 2013. <i>Oceanology</i> , 2015, 55, 777-779.	1.2	4
28	Characteristic features of the dynamics of carbonate parameters in the eastern part of the Laptev Sea. <i>Oceanology</i> , 2015, 55, 68-81.	1.2	4
29	Sonoluminescence spectra of water. <i>Journal of Applied Spectroscopy</i> , 1992, 56, 381-385.	0.7	1