

# Sergey A Kirillov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10632767/publications.pdf>

Version: 2024-02-01

23  
papers

695  
citations

567281

15  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

822  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward a warmer Arctic Ocean: Spreading of the early 21st century Atlantic Water warm anomaly along the Eurasian Basin margins. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	106
2	The long-term and interannual variability of summer fresh water storage over the eastern Siberian shelf: Implication for climatic change. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	83
3	Seasonal variability in Atlantic Water off Spitsbergen. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009, 56, 1-14.	1.4	59
4	Impact of the Arctic Ocean Atlantic water layer on Siberian shelf hydrography. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	51
5	Atlantic water flow into the Arctic Ocean through the St. Anna Trough in the northern Kara Sea. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 5158-5178.	2.6	42
6	Seasonal variability of Atlantic water on the continental slope of the Laptev Sea during 2002–2004. <i>Earth and Planetary Science Letters</i> , 2006, 244, 735-743.	4.4	37
7	Seasonal modification of the Arctic Ocean intermediate water layer off the eastern Laptev Sea continental shelf break. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	36
8	Observations of supercooling and frazil ice formation in the Laptev Sea coastal polynya. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	32
9	Impact of Siberian coastal polynyas on shelf-derived Arctic Ocean halocline waters. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	30
10	Sea-ice production over the Laptev Sea shelf inferred from historical summer-to-winter hydrographic observations of 1960s–1990s. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	28
11	Wind-driven diversion of summer river runoff preconditions the Laptev Sea coastal polynya hydrography: Evidence from summer-to-winter hydrographic records of 2007–2009. <i>Continental Shelf Research</i> , 2010, 30, 1656-1664.	1.8	27
12	Polynya impacts on water properties in a Northeast Greenland fjord. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 153, 10-17.	2.1	24
13	Properties of the Atlantic derived halocline waters over the Laptev Sea continental margin: Evidence from 2002 to 2009. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	23
14	Tide-induced vertical mixing in the Laptev Sea coastal polynya. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	23
15	Barents Sea upstream events impact the properties of Atlantic water inflow into the Arctic Ocean: Evidence from 2005 to 2006 downstream observations. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009, 56, 513-527.	1.4	19
16	Modified Halocline Water over the Laptev Sea Continental Margin: Historical Data Analysis. <i>Journal of Climate</i> , 2012, 25, 5556-5565.	3.2	14
17	Arctic Ocean outflow and glacier-ocean interactions modify water over the Wandel Sea shelf (northeastern Greenland). <i>Ocean Science</i> , 2017, 13, 1045-1060.	3.4	14
18	Impact of tidal dynamics on diel vertical migration of zooplankton in Hudson Bay. <i>Ocean Science</i> , 2020, 16, 337-353.	3.4	11

#	ARTICLE	IF	CITATIONS
19	Effects of atmospheric vorticity on the seasonal hydrographic cycle over the eastern Siberian shelf. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	9
20	Wintertime water dynamics and moonlight disruption of the acoustic backscatter diurnal signal in an ice-covered Northeast Greenland fjord. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 4804-4818.	2.6	9
21	Tidally-generated internal waves in Southeast Hudson Bay. <i>Continental Shelf Research</i> , 2018, 167, 65-76.	1.8	9
22	The penetrative mixing in the Laptev Sea coastal polynya pycnocline layer. <i>Continental Shelf Research</i> , 2013, 63, 34-42.	1.8	8
23	Atmospherically forced sea-level variability in western Hudson Bay, Canada. <i>Ocean Science</i> , 2021, 17, 1367-1384.	3.4	1