

# Alexey A Ekaykin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2307812/publications.pdf>

Version: 2024-02-01

24  
papers

1,093  
citations

567281

15  
h-index

610901

24  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1348  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insignificant Change in Antarctic Snowfall Since the International Geophysical Year. <i>Science</i> , 2006, 313, 827-831.	12.6	207
2	Ground-based measurements of spatial and temporal variability of snow accumulation in East Antarctica. <i>Reviews of Geophysics</i> , 2008, 46, .	23.0	164
3	Antarctic climate variability on regional and continental scales over the last 2000 years. <i>Climate of the Past</i> , 2017, 13, 1609-1634.	3.4	145
4	Regional Antarctic snow accumulation over the past 1000 years. <i>Climate of the Past</i> , 2017, 13, 1491-1513.	3.4	124
5	Spatial and temporal variability in isotope composition of recent snow in the vicinity of Vostok station, Antarctica: implications for ice-core record interpretation. <i>Annals of Glaciology</i> , 2002, 35, 181-186.	1.4	92
6	Acquisition of isotopic composition for surface snow in East Antarctica and the links to climatic parameters. <i>Cryosphere</i> , 2016, 10, 837-852.	3.9	56
7	Interannual variation of water isotopologues at Vostok indicates a contribution from stratospheric water vapor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17674-17679.	7.1	49
8	Archival processes of the water stable isotope signal in East Antarctic ice cores. <i>Cryosphere</i> , 2018, 12, 1745-1766.	3.9	48
9	Height changes over subglacial Lake Vostok, East Antarctica: Insights from GNSS observations. <i>Journal of Geophysical Research F: Earth Surface</i> , 2014, 119, 2460-2480.	2.8	29
10	Analytical constraints on layered gas trapping and smoothing of atmospheric variability in ice under low-accumulation conditions. <i>Climate of the Past</i> , 2017, 13, 1815-1830.	3.4	28
11	Climatic variability in Princess Elizabeth Land (East Antarctica) over the last 350 years. <i>Climate of the Past</i> , 2017, 13, 61-71.	3.4	23
12	Surface studies of water isotopes in Antarctica for quantitative interpretation of deep ice core data. <i>Comptes Rendus - Geoscience</i> , 2017, 349, 139-150.	1.2	17
13	Characterization of subglacial Lake Vostok as seen from physical and isotope properties of accreted ice. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20140303.	3.4	15
14	Large-scale drivers of Caucasus climate variability in meteorological records and Mt El'brus ice cores. <i>Climate of the Past</i> , 2017, 13, 473-489.	3.4	15
15	Djankuat glacier station in the North Caucasus, Russia: a database of glaciological, hydrological, and meteorological observations and stable isotope sampling results during 2007–2017. <i>Earth System Science Data</i> , 2019, 11, 1463-1481.	9.9	15
16	Non-climatic signal in ice core records: lessons from Antarctic megadunes. <i>Cryosphere</i> , 2016, 10, 1217-1227.	3.9	10
17	Stable water isotopic composition of the Antarctic subglacial Lake Vostok: implications for understanding the lake's hydrology. <i>Isotopes in Environmental and Health Studies</i> , 2016, 52, 468-476.	1.0	7
18	Estimation of gas record alteration in very low-accumulation ice cores. <i>Climate of the Past</i> , 2020, 16, 503-522.	3.4	7

#	ARTICLE	IF	CITATIONS
19	Chemical characteristics of the ice cores obtained after the first unsealing of subglacial Lake Vostok. Geological Society Special Publication, 2018, 461, 187-196.	1.3	6
20	The Components of the Glacial Runoff of the Tsambagarav Massif from Stable Water Isotope Data. Geosciences (Switzerland), 2019, 9, 297.	2.2	5
21	Surface Mass Balance Models Vs. Stake Observations: A Comparison in the Lake Vostok Region, Central East Antarctica. Frontiers in Earth Science, 2021, 9, .	1.8	5
22	Drilling the new 5G-5 branch hole at Vostok Station for collecting a replicate core of old meteoric ice. Annals of Glaciology, 2021, 62, 305-310.	1.4	4
23	First glaciological investigations at Ridge B, central East Antarctica. Antarctic Science, 2021, 33, 418-427.	0.9	3
24	Isotopic Composition of Glacier Ice and Meltwater in the Arid Parts of the Altai Mountains (Central Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.7	1