

# Elizabeth M Jones

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

774  
citations

687363

13  
h-index

713466

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1586  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pelagic ecosystem dynamics between late autumn and the post spring bloom in a sub-Arctic fjord. <i>Elementa</i> , 2022, 10, .	3.2	2
2	Calcium carbonate saturation states along the West Antarctic Peninsula. <i>Antarctic Science</i> , 2021, 33, 575-595.	0.9	1
3	Ocean acidification state variability of the Atlantic Arctic Ocean around northern Svalbard. <i>Progress in Oceanography</i> , 2021, 199, 102708.	3.2	8
4	The future of Arctic sea-ice biogeochemistry and ice-associated ecosystems. <i>Nature Climate Change</i> , 2020, 10, 983-992.	18.8	96
5	Global variability in seawater Mg:Ca and Sr:Ca ratios in the modern ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 22281-22292.	7.1	62
6	The Transpolar Drift as a Source of Riverine and Shelf-Derived Trace Elements to the Central Arctic Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015920.	2.6	80
7	Seasonal dynamics of carbonate chemistry, nutrients and CO <sub>2</sub> uptake in a sub-Arctic fjord. <i>Elementa</i> , 2020, 8, .	3.2	7
8	Joint Cruise 1-2 2018. <i>The Nansen Legacy Report Series</i> , 2020, , .	0.6	1
9	Impact of ocean acidification and high solar radiation on productivity and species composition of a late summer phytoplankton community of the coastal Western Antarctic Peninsula. <i>Limnology and Oceanography</i> , 2019, 64, 1716-1736.	3.1	17
10	Seasonal dynamics of the marine CO <sub>2</sub> system in Adventfjorden, a west Spitsbergen fjord. <i>Polar Research</i> , 2019, 38, .	1.6	8
11	Macronutrient and carbon supply, uptake and cycling across the Antarctic Peninsula shelf during summer. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170168.	3.4	20
12	Impact of sea-ice melt on dimethyl sulfide (sulfoniopropionate) inventories in surface waters of Marguerite Bay, West Antarctic Peninsula. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170169.	3.4	22
13	The GEOTRACES Intermediate Data Product 2017. <i>Chemical Geology</i> , 2018, 493, 210-223.	3.3	257
14	Rapid Changes in Anthropogenic Carbon Storage and Ocean Acidification in the Intermediate Layers of the Eurasian Arctic Ocean: 1996-2015. <i>Global Biogeochemical Cycles</i> , 2018, 32, 1254-1275.	4.9	15
15	Mesoscale features create hotspots of carbon uptake in the Antarctic Circumpolar Current. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 138, 39-51.	1.4	20
16	Ocean acidification and calcium carbonate saturation states in the coastal zone of the West Antarctic Peninsula. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 139, 181-194.	1.4	49
17	Temporal changes in ventilation and the carbonate system in the Atlantic sector of the Southern Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 138, 26-38.	1.4	13
18	The seasonal cycle of carbonate system processes in Ryder Bay, West Antarctic Peninsula. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 139, 167-180.	1.4	36

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19	Biological and physical controls on N <sub>2</sub> , O <sub>2</sub> , and CO <sub>2</sub> distributions in contrasting Southern Ocean surface waters. <i>Global Biogeochemical Cycles</i> , 2015, 29, 994-1013.	4.9	22
20	Carbon dynamics of the Weddell Gyre, Southern Ocean. <i>Global Biogeochemical Cycles</i> , 2015, 29, 288-306.	4.9	24
21	Seasonal cycle of CO <sub>2</sub> from the sea ice edge to island blooms in the Scotia Sea, Southern Ocean. <i>Marine Chemistry</i> , 2015, 177, 490-500.	2.3	14