

Kumiko Azetsu-Scott

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,164
citations

471509

17
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

2085
citing authors

#	ARTICLE	IF	CITATIONS
1	Ascending marine particles: Significance of transparent exopolymer particles (TEP) in the upper ocean. <i>Limnology and Oceanography</i> , 2004, 49, 741-748.	3.1	213
2	Export of nutrients from the Arctic Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 1625-1644.	2.6	130
3	Calcium carbonate saturation states in the waters of the Canadian Arctic Archipelago and the Labrador Sea. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	102
4	Using fluorescent dissolved organic matter to trace and distinguish the origin of Arctic surface waters. <i>Scientific Reports</i> , 2016, 6, 33978.	3.3	85
5	Controls on surface water carbonate chemistry along North American ocean margins. <i>Nature Communications</i> , 2020, 11, 2691.	12.8	77
6	The subpolar gyre regulates silicate concentrations in the North Atlantic. <i>Scientific Reports</i> , 2017, 7, 14576.	3.3	74
7	Precipitation of heavy metals in produced water: Influence on contaminant transport and toxicity. <i>Marine Environmental Research</i> , 2007, 63, 146-167.	2.5	72
8	The Global Ocean Ship-Based Hydrographic Investigations Program (GO-SHIP): A Platform for Integrated Multidisciplinary Ocean Science. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	60
9	Time series study of CFC concentrations in the Labrador Sea during deep and shallow convection regimes (1991–2000). <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	50
10	Freshwater composition of the waters off southeast Greenland and their link to the Arctic Ocean. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	50
11	Composition and fluxes of freshwater through Davis Strait using multiple chemical tracers. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	41
12	Energy metabolism and survival of the juvenile recruits of the American lobster (<i>Homarus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td 143, 111-123.	2.5	30
13	Low calcium carbonate saturation state in an Arctic inland sea having large and varying fluvial inputs: The Hudson Bay system. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 6210-6220.	2.6	28
14	Oxygen isotope measurements of seawater ($\delta^{18}O/\delta^{16}O$): A comparison of cavity ring-down spectroscopy (CRDS) and isotope ratio mass spectrometry (IRMS). <i>Limnology and Oceanography: Methods</i> , 2016, 14, 31-38.	2.0	26
15	Distribution and ventilation of water masses in the Labrador Sea inferred from CFCs and carbon tetrachloride. <i>Marine Chemistry</i> , 2005, 94, 55-66.	2.3	22
16	The internal consistency of the marine carbon dioxide system for high latitude shipboard and in situ monitoring. <i>Marine Chemistry</i> , 2019, 213, 49-70.	2.3	20
17	On the distribution of dissolved methane in Davis Strait, North Atlantic Ocean. <i>Marine Chemistry</i> , 2014, 161, 20-25.	2.3	18
18	Projecting ocean acidification impacts for the Gulf of Maine to 2050. <i>Elementa</i> , 2021, 9, .	3.2	18

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19	Time series measurements of transient tracers and tracer-derived transport in the Deep Western Boundary Current between the Labrador Sea and the subtropical Atlantic Ocean at Line W. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 8115-8138.	2.6	17
20	Cascading off the West Greenland Shelf: A numerical perspective. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 5316-5328.	2.6	9
21	Bottom water methane sources along the high latitude eastern Canadian continental shelf and their effects on the marine carbonate system. <i>Marine Chemistry</i> , 2019, 212, 83-95.	2.3	7
22	A 30-Year Time Series of Transient Tracer-Based Estimates of Anthropogenic Carbon in the Central Labrador Sea. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC017092.	2.6	6
23	Impact of an adiabatic correction technique on the simulation of CFC-12 in a model of the North Atlantic Ocean. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	5
24	Simulation of CFCs in the North Atlantic Ocean using an adiabatically corrected ocean circulation model. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	3
25	Ichnodiversity in the eastern Canadian Arctic in the context of polar microbioerosion patterns. <i>Polar Research</i> , 0, 41, .	1.6	1