

# Kumiko Azetsu-Scott

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3097555/publications.pdf>

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  | Projecting ocean acidification impacts for the Gulf of Maine to 2050. <i>Elementa</i> , 2021, 9, .  | 3.2  | 18        |
| 2  | 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         |
| 3  | Controls on surface water carbonate chemistry along North American ocean margins. <i>Nature Communications</i> , 2020, 11, 2691.  | 12.8 | 77        |
| 4  | 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        |
| 5  | 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         |
| 6  | 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        |
| 7  | Energy metabolism and survival of the juvenile recruits of the American lobster ( <i>Homarus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50<br>143, 111-123.   | 2.5  | 30        |
| 8  | Cascading off the West Greenland Shelf: A numerical perspective. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 5316-5328.   | 2.6  | 9         |
| 9  | The subpolar gyre regulates silicate concentrations in the North Atlantic. <i>Scientific Reports</i> , 2017, 7, 14576.  | 3.3  | 74        |
| 10 | 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        |
| 11 | Oxygen isotope measurements of seawater ( <sup>18</sup> O/ <sup>16</sup> 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        |
| 12 | 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        |
| 13 | On the distribution of dissolved methane in Davis Strait, North Atlantic Ocean. <i>Marine Chemistry</i> , 2014, 161, 20-25.   | 2.3  | 18        |
| 14 | 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        |
| 15 | Export of nutrients from the Arctic Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 1625-1644.   | 2.6  | 130       |
| 16 | Composition and fluxes of freshwater through Davis Strait using multiple chemical tracers. <i>Journal of Geophysical Research</i> , 2012, 117, .  | 3.3  | 41        |
| 17 | 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       |
| 18 | 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        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | 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        |
| 20 | 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         |
| 21 | 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        |
| 22 | 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         |
| 23 | 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       |
| 24 | Time series study of CFC concentrations in the Labrador Sea during deep and shallow convection regimes (1991â€“2000). <i>Journal of Geophysical Research</i> , 2003, 108, . | 3.3 | 50        |
| 25 | Ichnodiversity in the eastern Canadian Arctic in the context of polar microbioerosion patterns. <i>Polar Research</i> , 0, 41, .  | 1.6 | 1         |