

# Alison M Macdonald

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9425887/publications.pdf>

Version: 2024-02-01

18  
papers

1,588  
citations

567144

15  
h-index

839398

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

2022  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Fukushima-derived radionuclides in the ocean and biota off Japan. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5984-5988.  | 3.3  | 387       |
| 2  | An estimate of global ocean circulation and heat fluxes. Nature, 1996, 382, 436-439.  | 13.7 | 341       |
| 3  | The global ocean circulation: a hydrographic estimate and regional analysis. Progress in Oceanography, 1998, 41, 281-382.   | 1.5  | 195       |
| 4  | Changes in Ocean Heat, Carbon Content, and Ventilation: A Review of the First Decade of GO-SHIP Global Repeat Hydrography. Annual Review of Marine Science, 2016, 8, 185-215.   | 5.1  | 183       |
| 5  | Property fluxes at 30°S and their implications for the Pacific-Indian throughflow and the global heat budget. Journal of Geophysical Research, 1993, 98, 6851-6868.   | 3.3  | 68        |
| 6  | Short-term dispersal of Fukushima-derived radionuclides off Japan: modeling efforts and model-data intercomparison. Biogeosciences, 2013, 10, 4973-4990.  | 1.3  | 66        |
| 7  | Reviews and syntheses: Ocean iron fertilization experiments “past, present, and future looking to a future Korean Iron Fertilization Experiment in the Southern Ocean (KIFES) project. Biogeosciences, 2018, 15, 5847-5889. | 1.3  | 60        |
| 8  | Accelerated freshening of Antarctic Bottom Water over the last decade in the Southern Indian Ocean. Science Advances, 2017, 3, e1601426.  | 4.7  | 56        |
| 9  | Two decades of Pacific anthropogenic carbon storage and ocean acidification along Global Ocean Ship-based Hydrographic Investigations Program sections P16 and P02. Global Biogeochemical Cycles, 2017, 31, 306-327.        | 1.9  | 42        |
| 10 | Pacific Anthropogenic Carbon Between 1991 and 2017. Global Biogeochemical Cycles, 2019, 33, 597-617.  | 1.9  | 35        |
| 11 | Spatial and temporal variabilities of spring Asian dust events and their impacts on chlorophyll <i>a</i> concentrations in the western North Pacific Ocean. Geophysical Research Letters, 2017, 44, 1474-1482.              | 1.5  | 33        |
| 12 | Observed eastward progression of the Fukushima <sup>134</sup> Cs signal across the North Pacific. Geophysical Research Letters, 2015, 42, 7139-7147.  | 1.5  | 29        |
| 13 | Drifter-based estimate of the 5 year dispersal of Fukushima-derived radionuclides. Journal of Geophysical Research: Oceans, 2014, 119, 8177-8193.   | 1.0  | 24        |
| 14 | The upper, deep, abyssal and overturning circulation in the Atlantic Ocean at 30°S in 2003 and 2011. Progress in Oceanography, 2019, 176, 102136.   | 1.5  | 21        |
| 15 | Confirmation of ENSO-Southern Ocean Teleconnections Using Satellite-Derived SST. Remote Sensing, 2018, 10, 331.   | 1.8  | 17        |
| 16 | Investigating Subsurface Pathways of Fukushima Cesium in the Northwest Pacific. Geophysical Research Letters, 2019, 46, 6821-6829.  | 1.5  | 10        |
| 17 | A Fukushima tracer perspective on four years of North Pacific mode water evolution. Deep-Sea Research Part I: Oceanographic Research Papers, 2020, 166, 103379.   | 0.6  | 8         |
| 18 | N <sub>2</sub> O dynamics in the western Arctic Ocean during the summer of 2017. Scientific Reports, 2021, 11, 12589.   | 1.6  | 6         |