# Eileen E Hofmann

List of Publications by Year
in descending order



| 51 | 1,701 | 279798 23 | 302126 39 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 55 | 55 | 55 | 2177 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Krill transport in the Scotia Sea and environs. Antarctic Science, 1998, 10, 406-415. | 0.9 | 143 |
| 2 | Sensitivity of Circumpolar Deep Water Transport and Ice Shelf Basal Melt along the West Antarctic Peninsula to Changes in the Winds. Journal of Climate, 2012, 25, 4799-4816. | 3.2 | 112 |
| 3 | Advection, krill, and Antarctic marine ecosystems. Antarctic Science, 2004, 16, 487-499. | 0.9 | 102 |
| 4 | ENSO and variability of the Antarctic Peninsula pelagic marine ecosystem. Antarctic Science, 2009, 21, 135-148. | 0.9 | 97 |
| 5 | Chesapeake Bay nitrogen fluxes derived from a landâ€estuarine ocean biogeochemical modeling system: Model description, evaluation, and nitrogen budgets. Journal of Geophysical Research G: Biogeosciences, 2015, 120, 1666-1695. | 3.0 | 97 |
| 6 | Krill, climate, and contrasting future scenarios for Arctic and Antarctic fisheries. ICES Journal of Marine Science, 2014, 71, 1934-1955. | 2.5 | 93 |
| 7 | Modeling the Dynamics of Continental Shelf Carbon. Annual Review of Marine Science, 2011, 3, 93-122. | 11.6 | 86 |
| 8 | Quantifying the Effects of Environmental Change on an Oyster Population: A Modeling Study. Estuaries and Coasts, 2000, 23, 593. | 1.7 | 64 |
| 9 | The effects of changing winds and temperatures on the oceanography of the Ross Sea in the 21st century. Geophysical Research Letters, 2014, 41, 1624-1631. | 4.0 | 63 |
| 10 | Productivity and linkages of the food web of the southern region of the western Antarctic Peninsula continental shelf. Progress in Oceanography, 2014, 122, 10-29. | 3.2 | 56 |
| 11 | Carbon Fluxes in the Coastal Ocean: Synthesis, Boundary Processes, and Future Trends. Annual Review of Earth and Planetary Sciences, 2022, 50, 593-626. | 11.0 | 56 |
| 12 | Eastern US Continental Shelf Carbon Budget: Integrating Models, Data Assimilation, and Analysis. Oceanography, 2008, 21, 86-104. | 1.0 | 52 |
| 13 | Differential modulation of eastern oyster (Crassostrea virginica) disease parasites by the El-NiÃ±o-Southern Oscillation and the North Atlantic Oscillation. International Journal of Earth Sciences, 2009, 98, 99-114. | 1.8 | 52 |
| 14 | Title is missing!. Hydrobiologia, 2001, 460, 195-212. | 2.0 | 50 |
| 15 | Biogeochemical climatologies in the Ross Sea, Antarctica: seasonal patterns of nutrients and biomass. Deep-Sea Research Part II: Topical Studies in Oceanography, 2003, 50, 3083-3101. | 1.4 | 45 |
| 16 | Climate change impacts on southern <scp>R</scp>oss <scp>S</scp>ea phytoplankton composition, productivity, and export. Journal of Geophysical Research: Oceans, 2017, 122, 2339-2359. | 2.6 | 41 |
| 17 | Projected shifts in the foraging habitat of crabeater seals along the Antarctic Peninsula. Nature Climate Change, 2020, 10, 472-477. | 18.8 | 40 |
| 18 | Varying the timing of oyster transplant: implications for management from simulation studies. Fisheries Oceanography, 1998, 6, 213-237. | 1.7 | 37 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Acclimation, adaptation, traits and trade-offs in plankton functional type models: reconciling terminology for biology and modelling. Journal of Plankton Research, 2015, 37, 683-691. | 1.8 | 32 |
| 20 | Marine disease impacts, diagnosis, forecasting, management and policy. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150200. | 4.0 | 31 |
| 21 | Thermohaline Variability of the Waters Overlying The West Antarctic Peninsula Continental Shelf. Antarctic Research Series, 0, , 67-81. | 0.2 | 30 |
| 22 | Analysis of Iron Sources in Antarctic Continental Shelf Waters. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015736. | 2.6 | 29 |
| 23 | Effects of Projected Changes in Wind, Atmospheric Temperature, and Freshwater Inflow on the Ross Sea. Journal of Climate, 2018, 31, 1619-1635. | 3.2 | 26 |
| 24 | Title is missing!. Environmental Modeling and Assessment, 2002, 7, 273-289. | 2.2 | 25 |
| 25 | Impacts of Multiple Environmental Changes on Longâ€Term Nitrogen Loading From the Chesapeake Bay Watershed. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG005826. | 3.0 | 22 |
| 26 | Generation time and the stability of sex-determining alleles in oyster populations as deduced using a gene-based population dynamics model. Journal of Theoretical Biology, 2011, 271, 27-43. | 1.7 | 21 |
| 27 | Modeling environmental controls on the transport and fate of early life stages of Antarctic krill (Euphausia superba) on the western Antarctic Peninsula continental shelf. Deep-Sea Research Part I: Oceanographic Research Papers, 2013, 82, 17-31. | 1.4 | 19 |
| 28 | Riverine Carbon Cycling Over the Past Century in the Midâ€Atlantic Region of the United States. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG005968. | 3.0 | 16 |
| 29 | Models of marine molluscan diseases: Trends and challenges. Journal of Invertebrate Pathology, 2015, 131, 212-225. | 3.2 | 14 |
| 30 | Estuarine Dissolved Organic Carbon Flux From Space: With Application to Chesapeake and Delaware Bays. Journal of Geophysical Research: Oceans, 2019, 124, 3755-3778. | 2.6 | 14 |
| 31 | Ocean Circulation Causes Strong Variability in the Midâ€Atlantic Bight Nitrogen Budget. Journal of Geophysical Research: Oceans, 2019, 124, 113-134. | 2.6 | 14 |
| 32 | The Atlantic surfclam fishery and offshore wind energy development: 2. Assessing economic impacts. ICES Journal of Marine Science, 2022, 79, 1801-1814. | 2.5 | 13 |
| 33 | Oysters, Sustainability, Management Models, and the World of Reference Points. Journal of Shellfish Research, 2018, 37, 833-849. | 0.9 | 12 |
| 34 | Hydrographic variability along the inner and mid-shelf region of the western Ross Sea obtained using instrumented seals. Progress in Oceanography, 2019, 174, 131-142. | 3.2 | 12 |
| 35 | Evaluation and derivation of cloud-cover algorithms for calculation of surface irradiance in sub-Antarctic and Antarctic environments. Antarctic Science, 2005, 17, 135-150. | 0.9 | 10 |
| 36 | A modelling study of the role of marine protected areas in metapopulation genetic connectivity in Delaware Bay oysters. Aquatic Conservation: Marine and Freshwater Ecosystems, 2014, 24, 645-666. | 2.0 | 9 |

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|---|---|---|---|
| 37 | Spillover of sea scallops from rotational closures in the Mid-Atlantic Bight (United States). ICES Journal of Marine Science, 2020, 77, 1992-2002. | 2.5 | 8 |
| 38 | Linkage of the physical environments in the northern Antarctic Peninsula region to the Southern Annular Mode and the implications for the phytoplankton production. Progress in Oceanography, 2020, 188, 102416. | 3.2 | 8 |
| 39 | The Atlantic surfclam fishery and offshore wind energy development: 1. Model development and verification. ICES Journal of Marine Science, 2022, 79, 1787-1800. | 2.5 | 8 |
| 40 | Understanding controls on Margalefidinium polykrikoides blooms in the lower Chesapeake Bay. Harmful Algae, 2021, 107, 102064. | 4.8 | 7 |
| 41 | Multiplatform, Multidisciplinary Investigations of the Impacts of Modified Circumpolar Deep Water in the Ross Sea, Antarctica. Oceanography, 2014, 2, . | 1.0 | 5 |
| 42 | Modeling the transport and fate of euphausiids in the Ross Sea. Polar Biology, 2016, 39, 177-187. | 1.2 | 5 |
| 43 | A modelling study of developmental stage and environmental variability effects on copepod foraging. ICES Journal of Marine Science, 2008, 65, 379-398. | 2.5 | 4 |
| 44 | Evaluation of iron sources in the Ross Sea. Journal of Marine Systems, 2020, 212, 103429. | 2.1 | 4 |
| 45 | Building International Research Partnerships in the North Atlantic-Arctic Region. Eos, 2014, 95, 317-317. | 0.1 | 1 |
| 46 | Confronting Racism to Advance Our Science. AGU Advances, 2021, 2, e2020AV000296. | 5.4 | 1 |
| 47 | Interannual Variability in the Southern Ocean Summary Report of a Workshop Cambridge, United Kingdom, 2â€“7 August 1999. Polar Record, 2000, 36, 275-277. | 0.8 | 0 |
| 48 | Thank You to Our 2019 Reviewers. AGU Advances, 2020, 1, e2020AV000181. | 5.4 | 0 |
| 49 | Thank You to Our 2020 Reviewers. Perspectives of Earth and Space Scientists, 2021, 2, . | 0.3 | 0 |
| 50 | Thank You to Our 2020 Peer Reviewers. AGU Advances, 2021, 2, e2021AV000426. | 5.4 | 0 |
| 51 | Thank You to Our 2021 Peer Reviewers. AGU Advances, 2022, 3, . | 5.4 | 0 |