

# Janet A Nye

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

3,433  
citations

218677

26  
h-index

206112

48  
g-index

52  
all docs

52  
docs citations

52  
times ranked

3924  
citing authors

#	ARTICLE	IF	CITATIONS
1	Slow adaptation in the face of rapid warming leads to collapse of the Gulf of Maine cod fishery. <i>Science</i> , 2015, 350, 809-812.	12.6	631
2	Changing spatial distribution of fish stocks in relation to climate and population size on the Northeast United States continental shelf. <i>Marine Ecology - Progress Series</i> , 2009, 393, 111-129.	1.9	614
3	Fisheries Management in a Changing Climate: Lessons From the 2012 Ocean Heat Wave in the Northwest Atlantic. <i>Oceanography</i> , 2013, 26, .	1.0	458
4	Projected sea surface temperatures over the 21st century: Changes in the mean, variability and extremes for large marine ecosystem regions of Northern Oceans. <i>Elementa</i> , 2018, 6, .	3.2	148
5	Climate variability during warm and cold phases of the Atlantic Multidecadal Oscillation (AMO) 1871–2008. <i>Journal of Marine Systems</i> , 2014, 133, 14-26.	2.1	140
6	Ecosystem effects of the Atlantic Multidecadal Oscillation. <i>Journal of Marine Systems</i> , 2014, 133, 103-116.	2.1	120
7	Shifting species assemblages in the Northeast US Continental Shelf Large Marine Ecosystem. <i>Marine Ecology - Progress Series</i> , 2010, 415, 23-33.	1.9	105
8	Guidelines for incorporating fish distribution shifts into a fisheries management context. <i>Fish and Fisheries</i> , 2011, 12, 461-469.	5.3	99
9	Silver hake tracks changes in Northwest Atlantic circulation. <i>Nature Communications</i> , 2011, 2, 412.	12.8	73
10	Differential response of continental stock complexes of Atlantic salmon ( <i>Salmo salar</i> ) to the Atlantic Multidecadal Oscillation. <i>Journal of Marine Systems</i> , 2014, 133, 77-87.	2.1	68
11	Seasonal trends and phenology shifts in sea surface temperature on the North American northeastern continental shelf. <i>Elementa</i> , 2017, 5, .	3.2	65
12	Cusk ( <i>Brosme brosme</i> ) and climate change: assessing the threat to a candidate marine fish species under the US Endangered Species Act. <i>ICES Journal of Marine Science</i> , 2012, 69, 1753-1768.	2.5	62
13	Thermal habitat constraints on zooplankton species associated with Atlantic cod ( <i>Gadus morhua</i> ) on the US Northeast Continental Shelf. <i>Progress in Oceanography</i> , 2013, 116, 1-13.	3.2	49
14	Projected ocean warming creates a conservation challenge for river herring populations. <i>ICES Journal of Marine Science</i> , 2015, 72, 374-387.	2.5	49
15	Common large-scale responses to climate and fishing across Northwest Atlantic ecosystems. <i>ICES Journal of Marine Science</i> , 2012, 69, 151-162.	2.5	44
16	Effects of spring onset and summer duration on fish species distribution and biomass along the Northeast United States continental shelf. <i>Reviews in Fish Biology and Fisheries</i> , 2017, 27, 411-424.	4.9	44
17	Choosing and Using Climate Change Scenarios for Ecological Impact Assessments and Conservation Decisions. <i>Conservation Biology</i> , 2013, 27, 1147-1157.	4.7	43
18	Functional feeding responses of piscivorous fishes from the northeast US continental shelf. <i>Oecologia</i> , 2010, 163, 1059-1067.	2.0	41

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19	Distinct zooplankton regime shift patterns across ecoregions of the U.S. Northeast continental shelf Large Marine Ecosystem. <i>Journal of Marine Systems</i> , 2017, 165, 77-91.	2.1	40
20	Poleward bound: adapting to climate-driven species redistribution. <i>Reviews in Fish Biology and Fisheries</i> , 2022, 32, 231-251.	4.9	34
21	Observational Needs Supporting Marine Ecosystems Modeling and Forecasting: From the Global Ocean to Regional and Coastal Systems. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	32
22	The relative impact of warming and removing top predators on the Northeast US large marine biotic community. <i>Ecological Modelling</i> , 2013, 264, 157-168.	2.5	31
23	Incorporating Climate Science in Applications of the U.S. Endangered Species Act for Aquatic Species. <i>Conservation Biology</i> , 2013, 27, 1222-1233.	4.7	31
24	Impacts of the North Atlantic Oscillation on sea surface temperature on the Northeast US Continental Shelf. <i>Continental Shelf Research</i> , 2015, 105, 60-66.	1.8	30
25	Seasonal phytoplankton blooms in the North Atlantic linked to the overwintering strategies of copepods. <i>Elementa</i> , 2016, 4, .	3.2	30
26	Effect of environmental conditions on juvenile recruitment of alewife ( <i>Alosa pseudoharengus</i> ) and blueback herring ( <i>Alosa aestivalis</i> ) in fresh water: a coastwide perspective. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2015, 72, 1037-1047.	1.4	29
27	The effect of maternal exposure to contaminated sediment on the growth and condition of larval <i>Fundulus heteroclitus</i> . <i>Aquatic Toxicology</i> , 2007, 82, 242-250.	4.0	26
28	A low latitude paleoclimate perspective on Atlantic multidecadal variability. <i>Journal of Marine Systems</i> , 2014, 133, 4-13.	2.1	25
29	Response to Comments on “Slow adaptation in the face of rapid warming leads to collapse of the Gulf of Maine cod fishery”. <i>Science</i> , 2016, 352, 423-423.	12.6	25
30	Coherent trends in contiguous survey time-series of major ecological and commercial fish species in the Gulf of Maine ecosystem. <i>ICES Journal of Marine Science</i> , 2010, 67, 26-40.	2.5	23
31	A transboundary dilemma: dichotomous designations of Atlantic halibut status in the Northwest Atlantic. <i>ICES Journal of Marine Science</i> , 2016, 73, 1798-1805.	2.5	21
32	Comparison of multiple approaches to calculate time-varying biological reference points in climate-linked population-dynamics models. <i>ICES Journal of Marine Science</i> , 2020, 77, 930-941.	2.5	21
33	Annual, Seasonal, and Regional Variability in Diet of Atlantic Croaker ( <i>Micropogonias undulatus</i> ) in Chesapeake Bay. <i>Estuaries and Coasts</i> , 2011, 34, 691-700.	2.2	18
34	Evaluating the utility of the Gulf Stream Index for predicting recruitment of Southern New England Mid Atlantic yellowtail flounder. <i>Fisheries Oceanography</i> , 2018, 27, 85-95.	1.7	17
35	A Review of River Herring Science in Support of Species Conservation and Ecosystem Restoration. <i>Marine and Coastal Fisheries</i> , 2021, 13, 627-664.	1.4	17
36	Understanding historical summer flounder ( <i>Paralichthys dentatus</i> ) abundance patterns through the incorporation of oceanography-dependent vital rates in Bayesian hierarchical models. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2019, 76, 1275-1294.	1.4	16

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37	Implementing two-dimensional autocorrelation in either survival or natural mortality improves a state-space assessment model for Southern New England-Mid Atlantic yellowtail flounder. Fisheries Research, 2021, 237, 105873.	1.7	15
38	Seasonal Prediction of Bottom Temperature on the Northeast U.S. Continental Shelf. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017187.	2.6	14
39	Effects of coastal acidification on North Atlantic bivalves: interpreting laboratory responses in the context of in situ populations. Marine Ecology - Progress Series, 2020, 633, 89-104.	1.9	13
40	Scientific considerations for acidification monitoring in the U.S. Mid-Atlantic Region. Estuarine, Coastal and Shelf Science, 2019, 225, 106189.	2.1	11
41	Marine ecosystem indicators are sensitive to ecosystem boundaries and spatial scale. Ecological Indicators, 2021, 125, 107522.	6.3	10
42	Reproductive Characteristics of Weakfish in Delaware Bay: Implications for Management. North American Journal of Fisheries Management, 2008, 28, 1-11.	1.0	9
43	Overwintering survivorship and growth of young-of-the-year black sea bass <i>Centropristis striata</i> . PLoS ONE, 2020, 15, e0236705.	2.5	9
44	Evidence for Ecosystem Changes Within a Temperate Lagoon Following a Hurricane-Induced Barrier Island Breach. Estuaries and Coasts, 2020, 43, 1625-1639.	2.2	8
45	Acidification and hypoxia interactively affect metabolism in embryos, but not larvae, of the coastal forage fish <i>Menidia menidia</i> . Journal of Experimental Biology, 2020, 223, .	1.7	8
46	Population level differences in overwintering survivorship of blue crabs ( <i>Callinectes sapidus</i> ): A caution on extrapolating climate sensitivities along latitudinal gradients. PLoS ONE, 2021, 16, e0257569.	2.5	4
47	Composition and Intraspecific Variability in Summer Flounder ( <i>Paralichthys dentatus</i> ) Diets in a Eutrophic Estuary. Frontiers in Marine Science, 2021, 8, .	2.5	1
48	Detecting somatic growth trends for summer flounder ( <i>Paralichthys dentatus</i> ) using a state-space approach. Canadian Journal of Fisheries and Aquatic Sciences, 2020, 77, 917-930.	1.4	0