

Janet A Nye

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

3,433
citations

218592

26
h-index

206029

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.	6.0	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.	0.9	614
3	Fisheries Management in a Changing Climate: Lessons From the 2012 Ocean Heat Wave in the Northwest Atlantic. <i>Oceanography</i> , 2013, 26, .	0.5	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, .	1.1	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.	0.9	140
6	Ecosystem effects of the Atlantic Multidecadal Oscillation. <i>Journal of Marine Systems</i> , 2014, 133, 103-116.	0.9	120
7	Shifting species assemblages in the Northeast US Continental Shelf Large Marine Ecosystem. <i>Marine Ecology - Progress Series</i> , 2010, 415, 23-33.	0.9	105
8	Guidelines for incorporating fish distribution shifts into a fisheries management context. <i>Fish and Fisheries</i> , 2011, 12, 461-469.	2.7	99
9	Silver hake tracks changes in Northwest Atlantic circulation. <i>Nature Communications</i> , 2011, 2, 412.	5.8	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.	0.9	68
11	Seasonal trends and phenology shifts in sea surface temperature on the North American northeastern continental shelf. <i>Elementa</i> , 2017, 5, .	1.1	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.	1.2	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.	1.5	49
14	Projected ocean warming creates a conservation challenge for river herring populations. <i>ICES Journal of Marine Science</i> , 2015, 72, 374-387.	1.2	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.	1.2	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.	2.4	44
17	Choosing and Using Climate Change Scenarios for Ecological Impact Assessments and Conservation Decisions. <i>Conservation Biology</i> , 2013, 27, 1147-1157.	2.4	43
18	Functional feeding responses of piscivorous fishes from the northeast US continental shelf. <i>Oecologia</i> , 2010, 163, 1059-1067.	0.9	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.	0.9	40
20	Poleward bound: adapting to climate-driven species redistribution. <i>Reviews in Fish Biology and Fisheries</i> , 2022, 32, 231-251.	2.4	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, .	1.2	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.	1.2	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.	2.4	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.	0.9	30
25	Seasonal phytoplankton blooms in the North Atlantic linked to the overwintering strategies of copepods. <i>Elementa</i> , 2016, 4, .	1.1	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.	0.7	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.	1.9	26
28	A low latitude paleoclimate perspective on Atlantic multidecadal variability. <i>Journal of Marine Systems</i> , 2014, 133, 4-13.	0.9	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.	6.0	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.	1.2	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.	1.2	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.	1.2	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.	1.0	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.	0.9	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.	0.6	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.	0.7	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. <i>Fisheries Research</i> , 2021, 237, 105873.	0.9	15
38	Seasonal Prediction of Bottom Temperature on the Northeast U.S. Continental Shelf. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017187.	1.0	14
39	Effects of coastal acidification on North Atlantic bivalves: interpreting laboratory responses in the context of in situ populations. <i>Marine Ecology - Progress Series</i> , 2020, 633, 89-104.	0.9	13
40	Scientific considerations for acidification monitoring in the U.S. Mid-Atlantic Region. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 225, 106189.	0.9	11
41	Marine ecosystem indicators are sensitive to ecosystem boundaries and spatial scale. <i>Ecological Indicators</i> , 2021, 125, 107522.	2.6	10
42	Reproductive Characteristics of Weakfish in Delaware Bay: Implications for Management. <i>North American Journal of Fisheries Management</i> , 2008, 28, 1-11.	0.5	9
43	Overwintering survivorship and growth of young-of-the-year black sea bass <i>Centropristis striata</i> . <i>PLoS ONE</i> , 2020, 15, e0236705.	1.1	9
44	Evidence for Ecosystem Changes Within a Temperate Lagoon Following a Hurricane-Induced Barrier Island Breach. <i>Estuaries and Coasts</i> , 2020, 43, 1625-1639.	1.0	8
45	Acidification and hypoxia interactively affect metabolism in embryos, but not larvae, of the coastal forage fish <i>Menidia menidia</i> . <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	8
46	Population level differences in overwintering survivorship of blue crabs (<i>Callinectes sapidus</i>): A caution on extrapolating climate sensitivities along latitudinal gradients. <i>PLoS ONE</i> , 2021, 16, e0257569.	1.1	4
47	Composition and Intraspecific Variability in Summer Flounder (<i>Paralichthys dentatus</i>) Diets in a Eutrophic Estuary. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	1
48	Detecting somatic growth trends for summer flounder (<i>Paralichthys dentatus</i>) using a state-space approach. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 917-930.	0.7	0