Kevin D Friedland

List of Publications by Year
in descending order

57	2,763	172386	182361
papers	citations	29 h-index	51 g-index

59	59	59	3285
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reconciling fisheries catch and ocean productivity. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1441-E1449.	3.3	195
2	Pathways between Primary Production and Fisheries Yields of Large Marine Ecosystems. PLoS ONE, 2012, 7, e28945.	1.1	187
3	Oceanic changes in the Sargasso Sea and declines in recruitment of the European eel. ICES Journal of Marine Science, 2007, 64, 519-530.	1.2	180
4	The recruitment of Atlantic salmon in Europe. ICES Journal of Marine Science, 2009, 66, 289-304.	1.2	160
5	Projected sea surface temperatures over the 21st century: Changes in the mean, variability and extremes for large marine ecosystem regions of Northern Oceans. Elementa, 2018, 6, .	1.1	148
6	Ecosystem effects of the Atlantic Multidecadal Oscillation. Journal of Marine Systems, 2014, 133, 103-116.	0.9	120
7	Long-term trends and regime shifts in sea surface temperature on the continental shelf of the northeast United States. Continental Shelf Research, 2007, 27, 2313-2328.	0.9	106
8	Defining trends and thresholds in responses of ecological indicators to fishing and environmental pressures. ICES Journal of Marine Science, 2013, 70, 755-767.	1.2	94
9	Itâ€™s about time: A synthesis of changing phenology in the Gulf of Maine ecosystem. Fisheries Oceanography, 2019, 28, 532-566.	0.9	83
10	Ecosystemâ€based fisheries management in the Northwest Atlantic. Fish and Fisheries, 2011, 12, 152-170.	2.7	81
11	Discrimination between Atlantic Salmon (Salmo salar) of North American and European Origin using Restriction Analyses of Mitochondrial DNA. Canadian Journal of Fisheries and Aquatic Sciences, 1991, 48, 884-893.	0.7	80
12	Accelerated Warming and Emergent Trends in Fisheries Biomass Yields of the World's Large Marine Ecosystems. Ambio, 2009, 38, 215-224.	2.8	79
13	Disentangling the role of sea lice on the marine survival of Atlantic salmon. ICES Journal of Marine Science, 2018, 75, 50-60.	1.2	73
14	Differential response of continental stock complexes of Atlantic salmon (Salmo salar) to the Atlantic Multidecadal Oscillation. Journal of Marine Systems, 2014, 133, 77-87.	0.9	68
15	A comparison of community and trophic structure in five marine ecosystems based on energy budgets and system metrics. Progress in Oceanography, 2009, 81, 47-62.	1.5	67
16	Seasonal trends and phenology shifts in sea surface temperature on the North American northeastern continental shelf. Elementa, 2017, 5, .	1.1	65
17	A history of identification to continent of origin of Atlantic salmon (Salmo salar L.) at west Greenland, 1969â€“1997. Fisheries Research, 1999, 43, 221-235.	0.9	54
18	Phenology and time series trends of the dominant seasonal phytoplankton bloom across global scales. Global Ecology and Biogeography, 2018, 27, 551-569.	2.7	53

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19	Are we ready to track climateâ€driven shifts in marine species across international boundaries? â€•A global survey of scientific bottom trawl data. Global Change Biology, 2021, 27, 220-236.	4.2	51
20	Thermal habitat constraints on zooplankton species associated with Atlantic cod (Gadus morhua) on the US Northeast Continental Shelf. Progress in Oceanography, 2013, 116, 1-13.	1.5	49
21	Does the fall phytoplankton bloom control recruitment of Georges Bank haddock, Melanogrammus aeglefinus, through parental condition?. Canadian Journal of Fisheries and Aquatic Sciences, 2008, 65, 1076-1086.	0.7	43
22	A comparison of biological trends from four marine ecosystems: Synchronies, differences, and commonalities. Progress in Oceanography, 2009, 81, 29-46.	1.5	42
23	Trends and change points in surface and bottom thermal environments of the US Northeast Continental Shelf Ecosystem. Fisheries Oceanography, 2020, 29, 396-414.	0.9	42
24	Spring bloom dynamics and zooplankton biomass response on the US Northeast Continental Shelf. Continental Shelf Research, 2015, 102, 47-61.	0.9	40
25	Changes in higher trophic level productivity, diversity and niche space in a rapidly warming continental shelf ecosystem. Science of the Total Environment, 2020, 704, 135270.	3.9	40
26	Functional Morphology of the Branchial Basket Structures Associated with Feeding in the Atlantic Menhaden, Brevoortia tyrannus (Pisces: Clupeidae). Copeia, 1985, 1985, 1018.	1.4	35
27	Comparing Apples to Oranges: Common Trends and Thresholds in Anthropogenic and Environmental Pressures across Multiple Marine Ecosystems. Frontiers in Marine Science, 2017, 4, .	1.2	35
28	Changes in Northwest Atlantic Arctic and Subarctic conditions and the growth response of Atlantic salmon. Polar Biology, 2012, 35, 593-609.	0.5	33
29	Sieving functional morphology of the gill raker feeding apparatus of atlantic menhaden. Journal of Experimental Zoology Part A, Comparative Experimental Biology, 2006, 305A, 974-985.	1.3	30
30	Seasonal phytoplankton blooms in the North Atlantic linked to the overwintering strategies of copepods. Elementa, 2016, 4, .	1.1	30
31	Viable gut passage of cyanobacteria through the filter-feeding fish Atlantic menhaden, Brevoortia tyrannus. Journal of Plankton Research, 2005, 27, 715-718.	0.8	28
32	A cross-ecosystem comparison of spatial and temporal patterns of covariation in the recruitment of functionally analogous fish stocks. Progress in Oceanography, 2009, 81, 63-92.	1.5	28
33	Retrospective growth analysis of Atlantic salmon (Salmo salar) from the Miramichi River, Canada. Canadian Journal of Fisheries and Aquatic Sciences, 2009, 66, 1294-1308.	0.7	27
34	Autumn bloom phenology and magnitude influence haddock recruitment on Georges Bank. ICES Journal of Marine Science, 2014, 71, 2017-2025.	1.2	25
35	Physical associations to spring phytoplankton biomass interannual variability in the U.S. Northeast Continental Shelf. Journal of Geophysical Research G: Biogeosciences, 2015, 120, 205-220.	1.3	24
36	Coherent trends in contiguous survey time-series of major ecological and commercial fish species in the Gulf of Maine ecosystem. ICES Journal of Marine Science, 2010, 67, 26-40.	1.2	23

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37	Dynamic changes in American lobster suitable habitat distribution on the Northeast U.S. Shelf linked to oceanographic conditions. Fisheries Oceanography, 2020, 29, 349-365.	0.9	22
38	Postsmolt Growth and Thermal Regime Define the Marine Survival of Steelhead from the Keogh River, British Columbia. Marine and Coastal Fisheries, 2014, 6, 1-11.	0.6	21
39	Post-smolt survival of Baltic salmon in context to changing environmental conditions and predators. ICES Journal of Marine Science, 2017, 74, 1344-1355.	1.2	21
40	Event scale and persistent drivers of fish and macroinvertebrate distributions on the Northeast US Shelf. ICES Journal of Marine Science, 0, , .	1.2	19
41	A systematic review of spatial habitat associations and modeling of marine fish distribution: A guide to predictors, methods, and knowledge gaps. PLoS ONE, 2021, 16, e0251818.	1.1	19
42	Decadalâ€scale phenology and seasonal climate drivers of migratory baleen whales in a rapidly warming marine ecosystem. Global Change Biology, 2022, 28, 4989-5005.	4.2	19
43	Layered effects of parental condition and larval survival on the recruitment of neighboring haddock stocks. Canadian Journal of Fisheries and Aquatic Sciences, 2015, 72, 1672-1681.	0.7	16
44	Changing Physical Conditions and Lower and Upper Trophic Level Responses on the US Northeast Shelf. Frontiers in Marine Science, 2020, 7, .	1.2	13
45	Time Series Mesoscale Response of Atlantic MenhadenBrevoortia tyrannusto Variation in Plankton Abundances. Journal of Coastal Research, 2011, 277, 1148-1158.	0.1	12
46	Contrasting patterns in the occurrence and biomass centers of gravity among fish and macroinvertebrates in a continental shelf ecosystem. Ecology and Evolution, 2021, 11, 2050-2063.	0.8	12
47	The Middle Atlantic Bight Cold Pool is warming and shrinking: Indices from in situ autumn seafloor temperatures. Fisheries Oceanography, 2022, 31, 217-223.	0.9	11
48	Machine learning highlights the importance of primary and secondary production in determining habitat for marine fish and macroinvertebrates. Aquatic Conservation: Marine and Freshwater Ecosystems, 2021, 31, 1482-1498.	0.9	10
49	Context-dependent impact of an ectoparasite on early marine growth in Atlantic salmon. Aquaculture, 2019, 507, 266-274.	1.7	9
50	Resource Occurrence and Productivity in Existing and Proposed Wind Energy Lease Areas on the Northeast US Shelf. Frontiers in Marine Science, 2021, 8, .	1.2	8
51	Thermal habitat of striped bass (Morone saxatilis) in coastal waters of northern Massachusetts, USA, during summer. Fisheries Oceanography, 2010, 19, 370-381.	0.9	7
52	Effects of changing temperature phenology on the abundance of a critically endangered baleen whale. Global Ecology and Conservation, 2022, 38, e02193.	1.0	6
53	Consequences of model assumptions when projecting habitat suitability: a caution of forecasting under uncertainties. ICES Journal of Marine Science, 2021, 78, 2092-2108.	1.2	5
54	Effect of environmental factors and density-dependence on somatic growth of Eastern Georges Bank haddock (Melanogrammus aeglefinus). Fisheries Research, 2021, 240, 105954.	0.9	4

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55	Incorporating spatial heterogeneity and environmental impacts into stock-recruitment relationships for Gulf of Maine lobster. ICES Journal of Marine Science, 2022, 79, 362-372.	1.2	4
56	Trends in phytoplankton communities within large marine ecosystems diverge from the global ocean. Canadian Journal of Fisheries and Aquatic Sciences, 2021, 78, 1689-1700.	0.7	3
57	Analyses of Calcified Structures. , 2005, , 185-195.		2