

# Kenneth T Frank

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

3,656  
citations

236925

25  
h-index

276875

41  
g-index

47  
all docs

47  
docs citations

47  
times ranked

4385  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trophic Cascades in a Formerly Cod-Dominated Ecosystem. <i>Science</i> , 2005, 308, 1621-1623.	12.6	992
2	Spring algal bloom and larval fish survival. <i>Nature</i> , 2003, 423, 398-399.	27.8	505
3	The ups and downs of trophic control in continental shelf ecosystems. <i>Trends in Ecology and Evolution</i> , 2007, 22, 236-242.	8.7	268
4	Transient dynamics of an altered large marine ecosystem. <i>Nature</i> , 2011, 477, 86-89.	27.8	218
5	Allee effects and compensatory population dynamics within a stock complex. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2000, 57, 513-517.	1.4	203
6	Reconciling differences in trophic control in mid-latitude marine ecosystems. <i>Ecology Letters</i> , 2006, 9, 1096-1105.	6.4	185
7	Effects of river regulation and diversion on marine fish and invertebrates. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 1994, 4, 135-151.	2.0	155
8	Decline in top predator body size and changing climate alter trophic structure in an oceanic ecosystem. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 1353-1360.	2.6	142
9	Human Involvement in Food Webs. <i>Annual Review of Environment and Resources</i> , 2010, 35, 1-23.	13.4	89
10	Dynamic macroecology on ecological time-scales. <i>Global Ecology and Biogeography</i> , 2010, 19, 1-15.	5.8	67
11	From mice to elephants: overturning the "one size fits all" paradigm in marine plankton food chains. <i>Ecology Letters</i> , 2015, 18, 504-515.	6.4	64
12	Contemporary management issues confronting fisheries science. <i>Journal of Sea Research</i> , 2001, 45, 173-187.	1.6	59
13	Large scale, synchronous variability of marine fish populations driven by commercial exploitation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8248-8253.	7.1	55
14	Spatial patterns and predictors of trophic control in marine ecosystems. <i>Ecology Letters</i> , 2015, 18, 1001-1011.	6.4	51
15	Exploitation drives an ontogenetic-like deepening in marine fish. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6422-6427.	7.1	50
16	Breaking Bergmann's rule: truncation of Northwest Atlantic marine fish body sizes. <i>Ecology</i> , 2010, 91, 2499-2505.	3.2	46
17	Predicted Response of Northwest Atlantic Invertebrate and Fish Stocks to CO <sub>2</sub> -Induced Climate Change. <i>Transactions of the American Fisheries Society</i> , 1990, 119, 353-365.	1.4	41
18	Independent Distributions of Fish Larvae and Their Prey: Natural Paradox or Sampling Artifact?. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1988, 45, 48-59.	1.4	40

#	ARTICLE	IF	CITATIONS
19	Geographic Responses of Groundfish to Variation in Abundance: Methods of Detection and Their Interpretation. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1994, 51, 808-816.	1.4	39
20	Temporal dynamics within a contemporary latitudinal diversity gradient. <i>Ecology Letters</i> , 2008, 11, 883-897.	6.4	38
21	Structure and stability in exploited marine fish communities: quantifying critical transitions. <i>Fisheries Oceanography</i> , 2009, 18, 83-101.	1.7	38
22	Food web structure and ecosystem function in the Laurentian Great Lakes—Toward a conceptual model. <i>Freshwater Biology</i> , 2019, 64, 1-23.	2.4	37
23	An evaluation of the Emerald/Western Bank juvenile haddock closed area. <i>ICES Journal of Marine Science</i> , 2000, 57, 1023-1034.	2.5	31
24	The role of a dominant predator in shaping biodiversity over space and time in a marine ecosystem. <i>Journal of Animal Ecology</i> , 2015, 84, 1242-1252.	2.8	31
25	Causes of spatio-temporal variation in the patchiness of larval fish distributions: differential mortality or behaviour?. <i>Fisheries Oceanography</i> , 1993, 2, 114-123.	1.7	29
26	The rise of a marine generalist predator and the fall of beta diversity. <i>Global Change Biology</i> , 2020, 26, 2897-2907.	9.5	28
27	Marine fish diversity on the Scotian Shelf, Canada. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2003, 13, 305-321.	2.0	27
28	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
29	Environmental structuring of marine plankton phenology. <i>Nature Ecology and Evolution</i> , 2017, 1, 1484-1494.	7.8	20
30	Spatial Ecology of Atlantic Halibut across the Northwest Atlantic: A Recovering Species in an Era of Climate Change. <i>Reviews in Fisheries Science and Aquaculture</i> , 0, , 1-25.	9.1	14
31	Ontogenetic spatial constraints of subarctic marine fish species. <i>Fish and Fisheries</i> , 2022, 23, 342-357.	5.3	14
32	Resource-driven colonization by cod in a high Arctic food web. <i>Ecology and Evolution</i> , 2020, 10, 14272-14281.	1.9	10
33	Irruptive prey dynamics following the groundfish collapse in the Northwest Atlantic: an illusion?. <i>ICES Journal of Marine Science</i> , 2013, 70, 1299-1307.	2.5	7
34	Evaluating a habitat template model's predictions of marine fish diversity on the Scotian Shelf and Bay of Fundy, Northwest Atlantic. <i>ICES Journal of Marine Science</i> , 2011, 68, 2096-2105.	2.5	6
35	Functional traits reveal the dominant drivers of long-term community change across a North American Great Lake. <i>Global Change Biology</i> , 2021, 27, 6232-6251.	9.5	6
36	Temporal scope influences ecosystem driver-response relationships: A case study of Lake Erie with implications for ecosystem-based management. <i>Science of the Total Environment</i> , 2022, 813, 152473.	8.0	6

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37	Setting the record straight on drivers of changing ecosystem states. <i>Fisheries Oceanography</i> , 2013, 22, 143-146.	1.7	5
38	Reserve site selection for data-poor invertebrate fisheries using patch scale and dispersal dynamics: a case study of sea cucumber ( <i>Cucumaria frondosa</i> ). <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2013, 23, 723-731.	2.0	4
39	Life on the edge: environmental determinants of tilefish ( <i>Lopholatilus chamaeleonticeps</i> ) abundance since its virtual extinction in 1882. <i>ICES Journal of Marine Science</i> , 2014, 71, 2371-2378.	2.5	4
40	The spatio-temporal dynamics of trophic control in large marine ecosystems. , 2015, , 31-54.		4
41	Multivariate determination of Atlantic herring population health in a large marine ecosystem. <i>ICES Journal of Marine Science</i> , 2019, 76, 859-869.	2.5	4
42	Towards a more balanced assessment of the dynamics of North Atlantic ecosystems—a comment on Drinkwater and Kristiansen (2018). <i>ICES Journal of Marine Science</i> , 2019, 76, 2489-2494.	2.5	1
43	Reply to Baudron et al.: Fishing matters: Age-specific deepening is driven by exploitation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2393-2394.	7.1	1
44	Fishing, predation, and temperature drive herring decline in a large marine ecosystem. <i>Ecology and Evolution</i> , 2021, 11, 18136-18150.	1.9	1
45	The dynamics of exploited marine fish populations and Humpty Dumpty: similarities and differences. <i>Restoration Ecology</i> , 2023, 31, .	2.9	0
46	Temporal evolution of critical traits and their relationship to cod stock collapse and recovery. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 0, , .	1.4	0