Lauren A Rogers

List of Publications by Year
in descending order

34 papers	2,651 citations	430442 18 h-index	377514 34 g-index
38 all docs	38 docs citations	38 times ranked	3789 citing authors

#	Article	IF	Citations
1	Population diversity and the portfolio effect in an exploited species. Nature, 2010, 465, 609-612.	13.7	1,187
2	A Coherent Signature of Anthropogenic Nitrogen Deposition to Remote Watersheds of the Northern Hemisphere. Science, 2011, 334, 1545-1548.	6.0	309
3	Synchronization and portfolio performance of threatened salmon. Conservation Letters, 2010, 3, 340-348.	2.8	139
4	Ecosystem response persists after a prolonged marine heatwave. Scientific Reports, 2021, 11, 6235.	1.6	110
5	Shifting habitats expose fishing communities to risk under climate change. Nature Climate Change, 2019, 9, 512-516.	8.1	91
6	Responses of the Northern Bering Sea and Southeastern Bering Sea Pelagic Ecosystems Following Recordâ€Breaking Low Winter Sea Ice. Geophysical Research Letters, 2019, 46, 9833-9842.	1.5	88
7	Climate and population density drive changes in cod body size throughout a century on the Norwegian coast. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1961-1966.	3.3	79
8	Asynchrony in population dynamics of sockeye salmon in southwest Alaska. Oikos, 2008, 117, 1578-1586.	1.2	69
9	Effects of climate and demography on reproductive phenology of a harvested marine fish population. Global Change Biology, 2019, 25, 708-720.	4.2	69
10	Densityâ€•and sizeâ€dependent mortality in fish early life stages. Fish and Fisheries, 2019, 20, 962-976.	2.7	57
11	Centennial-scale fluctuations and regional complexity characterize Pacific salmon population dynamics over the past five centuries. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1750-1755.	3.3	53
12	Loss of spawning habitat and prerecruits of Pacific cod during a Gulf of Alaska heatwave. Canadian Journal of Fisheries and Aquatic Sciences, 2020, 77, 644-650.	0.7	49
13	Pollock and â€œthe Blobâ€• Impacts of a marine heatwave on walleye pollock early life stages. Fisheries Oceanography, 2021, 30, 142-158.	0.9	35
14	Scale and the detection of climatic influences on the productivity of salmon populations. Global Change Biology, 2011, 17, 2546-2558.	4.2	34
15	Stochasticity and Determinism: How Density-Independent and Density-Dependent Processes Affect Population Variability. PLoS ONE, 2014, 9, e98940.	1.1	32
16	What are the major global threats and impacts in marine environments? Investigating the contours of a shared perception among marine scientists from the bottom-up.. Marine Policy, 2015, 60, 197-201.	1.5	29
17	Responses of ichthyoplankton assemblages to the recent marine heatwave and previous climate fluctuations in several Northeast Pacific marine ecosystems. Global Change Biology, 2021, 27, 506-520.	4.2	25
18	Ocean planning for species on the move provides substantial benefits and requires few trade-offs. Science Advances, 2020, 6, .	4.7	22

#	Article	IF	Citations
19	Seasonal and interannual variation in spatio-temporal models for index standardization and phenology studies. ICES Journal of Marine Science, 2020, 77, 1879-1892.	1.2	22
20	Recruitment signals in juvenile cod surveys depend on thermal growth conditions. Canadian Journal of Fisheries and Aquatic Sciences, 2017, 74, 511-523.	0.7	17
21	Fineâ€scale population dynamics in a marine fish species inferred from dynamic stateâ€space models. Journal of Animal Ecology, 2017, 86, 888-898.	1.3	16
22	Ontogenetic spatial constraints of subâ€arctic marine fish species. Fish and Fisheries, 2022, 23, 342-357.	2.7	14
23	Trends in marine climate change research in the Nordic region since the first IPCC report. Climatic Change, 2016, 134, 147-161.	1.7	13
24	Using Integrated Ecosystem Assessments to Build Resilient Ecosystems, Communities, and Economies. Coastal Management, 2021, 49, 26-45.	1.0	13
25	Combining population genomics with demographic analyses highlights habitat patchiness and larval dispersal as determinants of connectivity in coastal fish species. Molecular Ecology, 2022, 31, 2562-2577.	2.0	13
26	Inferring genetic connectivity in real populations, exemplified by coastal and oceanic Atlantic cod. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4945-4950.	3.3	12
27	Using a climate attribution statistic to inform judgments about changing fisheries sustainability. Scientific Reports, 2021, 11, 23924.	1.6	12
28	Integrating fisheries management into sustainable development planning. Ecology and Society, 2019, 24, .	1.0	11
29	Predicting year class strength for climate-stressed gadid stocks in the Gulf of Alaska. Fisheries Research, 2022, 249, 106250.	0.9	7
30	Spatial and temporal dynamics of Pacific capelin Mallotus catervarius in the Gulf of Alaska: implications for ecosystem-based fisheries management. Marine Ecology - Progress Series, 2020, 637, 117-140.	0.9	5
31	Environmentally driven forecasts of northern rock sole (Lepidopsetta polyxystra) recruitment in the eastern Bering Sea. Fisheries Oceanography, 2020, 29, 111-121.	0.9	4
32	Effects of temperature on the distribution and density of capelin in the Gulf of Alaska. Marine Ecology - Progress Series, 2019, 620, 119-138.	0.9	4
33	Using a state-space population model to detect age-dependent species interactions. Canadian Journal of Fisheries and Aquatic Sciences, 2016, 73, 811-818.	0.7	3
34	Contribution of walleye pollock eggs to the Gulf of Alaska food web in spring. Marine Ecology - Progress Series, 2019, 632, 1-12.	0.9	3