

Malin L Pinsky

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

87
papers

4,655
citations

34
h-index

68
g-index

118
ext. papers

6,252
ext. citations

10
avg, IF

6.13
L-index

#	Paper	IF	Citations
87	Marine taxa track local climate velocities. <i>Science</i> , 2013 , 341, 1239-42	33.3	732
86	Marine defaunation: animal loss in the global ocean. <i>Science</i> , 2015 , 347, 1255-61	33.3	653
85	Greater vulnerability to warming of marine versus terrestrial ectotherms. <i>Nature</i> , 2019 , 569, 108-111	50.4	228
84	Meta-analysis reveals lower genetic diversity in overfished populations. <i>Molecular Ecology</i> , 2014 , 23, 29-39	5.7	193
83	Impacts of historical warming on marine fisheries production. <i>Science</i> , 2019 , 363, 979-983	33.3	176
82	Lagged social-ecological responses to climate and range shifts in fisheries. <i>Climatic Change</i> , 2012 , 115, 883-891	4.5	172
81	Unexpected patterns of fisheries collapse in the world's oceans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 8317-22	11.5	157
80	Modeling benefits from nature: using ecosystem services to inform coastal and marine spatial planning. <i>International Journal of Biodiversity Science, Ecosystem Services & Management</i> , 2012 , 8, 107-121		156
79	Preparing ocean governance for species on the move. <i>Science</i> , 2018 , 360, 1189-1191	33.3	150
78	Projecting shifts in thermal habitat for 686 species on the North American continental shelf. <i>PLoS ONE</i> , 2018 , 13, e0196127	3.7	117
77	Managing living marine resources in a dynamic environment: The role of seasonal to decadal climate forecasts. <i>Progress in Oceanography</i> , 2017 , 152, 15-49	3.8	114
76	Climate change's impact on key ecosystem services and the human well-being they support in the US. <i>Frontiers in Ecology and the Environment</i> , 2013 , 11, 483-893	5.5	109
75	Emerging Adaptation Approaches for Climate-Ready Fisheries Management. <i>Oceanography</i> , 2014 , 27, 146-159	2.3	82
74	Climate-Driven Shifts in Marine Species Ranges: Scaling from Organisms to Communities. <i>Annual Review of Marine Science</i> , 2020 , 12, 153-179	15.4	82
73	Building confidence in projections of the responses of living marine resources to climate change. <i>ICES Journal of Marine Science</i> , 2016 , 73, 1283-1296	2.7	78
72	Open and closed seascapes: where does habitat patchiness create populations with high fractions of self-recruitment? 2012 , 22, 1257-67		75
71	The Effects of Sub-Regional Climate Velocity on the Distribution and Spatial Extent of Marine Species Assemblages. <i>PLoS ONE</i> , 2016 , 11, e0149220	3.7	72

70	Ocean community warming responses explained by thermal affinities and temperature gradients. <i>Nature Climate Change</i> , 2019 , 9, 959-963	21.4	67
69	Using isolation by distance and effective density to estimate dispersal scales in anemonefish. <i>Evolution; International Journal of Organic Evolution</i> , 2010 , 64, 2688-700	3.8	63
68	Who Should Pick the Winners of Climate Change?. <i>Trends in Ecology and Evolution</i> , 2017 , 32, 167-173	10.9	62
67	Toward a conceptual synthesis for climate change responses. <i>Global Ecology and Biogeography</i> , 2012 , 21, 693-703	6.1	61
66	Model-based inference for estimating shifts in species distribution, area occupied and centre of gravity. <i>Methods in Ecology and Evolution</i> , 2016 , 7, 990-1002	7.7	60
65	Fishing, fast growth and climate variability increase the risk of collapse. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282, 20151053	4.4	56
64	Quantifying wave attenuation to inform coastal habitat conservation. <i>Ecosphere</i> , 2013 , 4, art95	3.1	53
63	Integrated modeling framework to quantify the coastal protection services supplied by vegetation. <i>Journal of Geophysical Research: Oceans</i> , 2015 , 120, 324-345	3.3	50
62	Marine assemblages respond rapidly to winter climate variability. <i>Global Change Biology</i> , 2017 , 23, 2590-2601	11.1	46
61	Shifting habitats expose fishing communities to risk under climate change. <i>Nature Climate Change</i> , 2019 , 9, 512-516	21.4	45
60	Range contraction enables harvesting to extinction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 3945-3950	11.5	40
59	Angling Ecotourism: Issues, Guidelines and Experience from Kamchatka. <i>Journal of Ecotourism</i> , 2005 , 4, 16-31	2.2	39
58	Wealth reallocation and sustainability under climate change. <i>Nature Climate Change</i> , 2016 , 6, 237-244	21.4	38
57	Marine Dispersal Scales Are Congruent over Evolutionary and Ecological Time. <i>Current Biology</i> , 2017 , 27, 149-154	6.3	37
56	Catching the right wave: evaluating wave energy resources and potential compatibility with existing marine and coastal uses. <i>PLoS ONE</i> , 2012 , 7, e47598	3.7	37
55	Management for network diversity speeds evolutionary adaptation to climate change. <i>Nature Climate Change</i> , 2019 , 9, 632-636	21.4	34
54	Larval connectivity across temperature gradients and its potential effect on heat tolerance in coral populations. <i>Global Change Biology</i> , 2016 , 22, 3539-3549	11.4	34
53	Adaptation strategies of coastal fishing communities as species shift poleward. <i>ICES Journal of Marine Science</i> , 2019 , 76, 93-103	2.7	31

52	Gradual changes in range size accompany long-term trends in species richness. <i>Ecology Letters</i> , 2017 , 20, 1148-1157	10	28
51	Diversity in thermal affinity among key piscivores buffers impacts of ocean warming on predator-prey interactions. <i>Global Change Biology</i> , 2018 , 24, 117-131	11.4	27
50	Dispersal provided resilience to range collapse in a marine mammal: insights from the past to inform conservation biology. <i>Molecular Ecology</i> , 2010 , 19, 2418-29	5.7	25
49	Cold range edges of marine fishes track climate change better than warm edges. <i>Global Change Biology</i> , 2020 , 26, 2908-2922	11.4	25
48	Data-driven approach for highlighting priority areas for protection in marine areas beyond national jurisdiction. <i>Marine Policy</i> , 2020 , 122, 103927	3.5	24
47	Observations of internal wave packets propagating along-shelf in northern Monterey Bay. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	24
46	Governing fisheries in the face of change: Social responses to long-term geographic shifts in a U.S. fishery. <i>Marine Policy</i> , 2019 , 99, 243-251	3.5	23
45	Cultivating creativity in conservation science. <i>Conservation Biology</i> , 2014 , 28, 345-53	6	22
44	Genomic signatures of environmental selection despite near-panmixia in summer flounder. <i>Evolutionary Applications</i> , 2018 , 11, 1732-1747	4.8	19
43	Are we ready to track climate-driven shifts in marine species across international boundaries? - A global survey of scientific bottom trawl data. <i>Global Change Biology</i> , 2021 , 27, 220-236	11.4	19
42	Genomic stability through time despite decades of exploitation in cod on both sides of the Atlantic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	17
41	Variability in oceanographic barriers to coral larval dispersal: Do currents shape biodiversity?. <i>Progress in Oceanography</i> , 2018 , 165, 110-122	3.8	17
40	The persistence of populations facing climate shifts and harvest. <i>Ecosphere</i> , 2015 , 6, art153	3.1	13
39	Response of marine communities to local temperature changes. <i>Ecography</i> , 2019 , 42, 214-224	6.5	13
38	Coupled changes in biomass and distribution drive trends in availability of fish stocks to US West Coast ports. <i>ICES Journal of Marine Science</i> , 2020 , 77, 188-199	2.7	11
37	Path-dependent institutions drive alternative stable states in conservation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 689-694	11.5	11
36	Considering reefscape configuration and composition in biophysical models advance seascape genetics. <i>PLoS ONE</i> , 2017 , 12, e0178239	3.7	10
35	Fish and fisheries in hot water: What is happening and how do we adapt?. <i>Population Ecology</i> , 2021 , 63, 17-26	2.1	10

34	Quantifying dispersal variability among nearshore marine populations. <i>Molecular Ecology</i> , 2021 , 30, 2366-2377	10
33	Species coexistence through competition and rapid evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 2407-2409	11.5 9
32	Range-wide selection of catchments for Pacific salmon conservation. <i>Conservation Biology</i> , 2009 , 23, 680-91	6 9
31	Rapid increase in southern elephant seal genetic diversity after a founder event. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20133078	4.4 8
30	Range edges of North American marine species are tracking temperature over decades. <i>Global Change Biology</i> , 2021 , 27, 3145-3156	11.4 7
29	Ocean planning for species on the move provides substantial benefits and requires few trade-offs. <i>Science Advances</i> , 2020 , 6,	14.3 6
28	Genomic signatures of selection in bats surviving white-nose syndrome. <i>Molecular Ecology</i> , 2021 , 30, 5643-5657	5.7 6
27	Genomic signatures of evolutionary rescue in bats surviving white-nose syndrome	5
26	Evolution reverses the effect of network structure on metapopulation persistence. <i>Ecology</i> , 2021 , 102, e03381	4.6 5
25	Evolution and connectivity influence the persistence and recovery of coral reefs under climate change in the Caribbean, Southwest Pacific, and Coral Triangle. <i>Global Change Biology</i> , 2021 , 27, 4307-4321	11.4 5
24	Using multiple natural tags provides evidence for extensive larval dispersal across space and through time in summer flounder. <i>Molecular Ecology</i> , 2020 , 29, 1421-1435	5.7 4
23	The reproductive seasonality and fecundity of yellowtail clownfish (<i>Amphiprion clarkii</i>) in the Philippines. <i>Bulletin of Marine Science</i> , 2017 , 93, 997-1007	1.3 4
22	Shape of species climate response curves affects community response to climate change. <i>Ecology Letters</i> , 2021 , 24, 708-718	10 3
21	Marine Spatial Planning 2.0: genes and satellites to conserve seascape dynamics. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2014 , 24, 742-744	2.6 2
20	Reply to Le Pape et al.: Management is key to preventing marine extinctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E6275-E6276	11.5 2
19	Geometric Analysis of Regime Shifts in Coral Reef Communities	2
18	Characterizing uncertainty in climate impact projections: a case study with seven marine species on the North American continental shelf. <i>ICES Journal of Marine Science</i> , 2020 , 77, 2118-2133	2.7 2
17	Global hotspots of coherent marine fishery catches. <i>Ecological Applications</i> , 2021 , 31, e02321	4.9 2

16	Disentangling tropicalization and deborealization in marine ecosystems under climate change. <i>Current Biology</i> , 2021 , 31, 4817-4823.e5	6.3	2
15	Body size and food-web interactions mediate species range shifts under warming.. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022 , 289, 20212755	4.4	2
14	Capital Investment for Optimal Exploitation of Renewable Resource Stocks in the Age of Global Change. <i>Ecological Economics</i> , 2019 , 165, 106335	5.6	1
13	Throwing back the big ones saves a fishery from hot water. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 1678-1680	11.5	1
12	Persistence of a reef fish metapopulation via network connectivity: theory and data. <i>Ecology Letters</i> , 2021 , 24, 1121-1132	10	1
11	Geometric analysis of regime shifts in coral reef communities. <i>Ecosphere</i> , 2021 , 12, e03319	3.1	1
10	Evolution and connectivity influence the persistence and recovery of coral reefs under climate change in the Caribbean, Southwest Pacific, and Coral Triangle		1
9	Resource availability and heterogeneity shape the self-organisation of regular spatial patterning. <i>Ecology Letters</i> , 2021 , 24, 1880-1891	10	1
8	Assessing the potential for demographic restoration and assisted evolution to build climate resilience in coral reefs.. <i>Ecological Applications</i> , 2022 , e2650	4.9	1
7	Climate change adaptation and spatial fisheries management 2019 , 207-214		0
6	Genomic signatures of spatially divergent selection at clownfish range margins. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20210407	4.4	0
5	A stark future for ocean life.. <i>Science</i> , 2022 , 376, 452-453	33.3	0
4	Climate Variability, Climate Change, and Conservation in a Dynamic Ocean 2017 , 23-38		
3	Marine Conservation in a Changing Climate 2013 , 32-44		
2	Stepping Up: A U.S. Perspective on the Ten Steps to Responsible Inland Fisheries. <i>Fisheries</i> , 2022 , 47, 68-77	1.1	
1	A long evolutionary reach for fishing nets.. <i>Science</i> , 2022 , 376, 344-345	33.3	