

# Leah R Gerber

## List of Publications by Year in descending order

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Version: 2024-02-01

131  
papers

6,209  
citations

109264

35  
h-index

85498

71  
g-index

131  
all docs

131  
docs citations

131  
times ranked

8143  
citing authors

#	ARTICLE	IF	CITATIONS
1	A decision framework for estimating the cost of marine plastic pollution interventions. <i>Conservation Biology</i> , 2022, 36, .	2.4	13
2	Area-based management of blue water fisheries: Current knowledge and research needs. <i>Fish and Fisheries</i> , 2022, 23, 492-518.	2.7	17
3	An investment strategy to address biodiversity loss from agricultural expansion. <i>Nature Sustainability</i> , 2022, 5, 610-618.	11.5	12
4	Minding the Data-Gap Trap: Exploring Dynamics of Abundant Dolphin Populations Under Uncertainty. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	8
5	Applying a jurisdictional approach to support sustainable seafood. <i>Conservation Science and Practice</i> , 2021, 3, e386.	0.9	10
6	Glenn R. VanBlaricom – 1949–2020. <i>Marine Mammal Science</i> , 2021, 37, 772-775.	0.9	0
7	A metric for spatially explicit contributions to science-based species targets. <i>Nature Ecology and Evolution</i> , 2021, 5, 836-844.	3.4	61
8	Tourist Knowledge, Pro-Conservation Intentions, and Tourist Concern for the Impacts of Whale-Watching in Las Perlas Archipelago, Panama. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	8
9	Aligning actions with objectives in endangered species recovery plans. <i>Conservation Science and Practice</i> , 2021, 3, e473.	0.9	3
10	Evaluating the role of market-based instruments in protecting marine ecosystem services in wild-caught fisheries. <i>Ecosystem Services</i> , 2021, 51, 101356.	2.3	10
11	The value of increased spatial resolution of pesticide usage data for assessing risk to endangered species. <i>Conservation Science and Practice</i> , 2021, 3, e551.	0.9	2
12	Refining the Ecosystems Services Model: Integrating Animal Behavior into Ecotourism Management. , 2021, , .		0
13	Global reforestation and biodiversity conservation. <i>Conservation Biology</i> , 2020, 34, 1221-1228.	2.4	34
14	Bringing sustainability to life: A framework to guide biodiversity indicator development for business performance management. <i>Business Strategy and the Environment</i> , 2020, 29, 3303-3313.	8.5	39
15	Predicted growth in plastic waste exceeds efforts to mitigate plastic pollution. <i>Science</i> , 2020, 369, 1515-1518.	6.0	1,330
16	Impacts of Whale Watching on the Behavior of Humpback Whales ( <i>Megaptera novaeangliae</i> ) in the Coast of Panama. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	9
17	Producing actionable science in conservation: Best practices for organizations and individuals. <i>Conservation Science and Practice</i> , 2020, 2, e295.	0.9	18
18	Solve the biodiversity crisis with funding. <i>Science</i> , 2019, 365, 1256-1256.	6.0	16

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19	The role of stakeholder perceptions and institutions for marine reserve efficacy in the Midriff Islands Region, Gulf of California, Mexico. <i>Ocean and Coastal Management</i> , 2018, 162, 181-192.	2.0	8
20	Designing connected marine reserves in the face of global warming. <i>Global Change Biology</i> , 2018, 24, e671-e691.	4.2	56
21	Synthesizing ecological and human use information to understand and manage coastal change. <i>Ocean and Coastal Management</i> , 2018, 162, 100-109.	2.0	7
22	Building effective fishery ecosystem plans. <i>Marine Policy</i> , 2018, 92, 48-57.	1.5	51
23	Ecosystem-Based Fisheries Management for Social-Ecological Systems: Renewing the Focus in the United States with Next Generation Fishery Ecosystem Plans. <i>Conservation Letters</i> , 2018, 11, e12367.	2.8	68
24	Conservation science needs new institutional models for achieving outcomes. <i>Frontiers in Ecology and the Environment</i> , 2018, 16, 438-439.	1.9	7
25	Endangered species recovery: A resource allocation problem. <i>Science</i> , 2018, 362, 284-286.	6.0	78
26	Flame Retardant Contamination and Seafood Sustainability. <i>Sustainability</i> , 2018, 10, 1070.	1.6	3
27	Testing the feasibility of a hypothetical whaling-conservation permit market in Norway. <i>Conservation Biology</i> , 2017, 31, 809-817.	2.4	27
28	The effect of conservation spending. <i>Nature</i> , 2017, 551, 309-310.	13.7	8
29	Incentives for Galpagos protection. <i>Science</i> , 2017, 358, 313-314.	6.0	0
30	Innovative financing for the High Seas. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 89-99.	0.9	36
31	Without inclusion, diversity initiatives may not be enough. <i>Science</i> , 2017, 357, 1101-1102.	6.0	120
32	Foundations of translational ecology. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 541-550.	1.9	212
33	Navigating translational ecology: creating opportunities for scientist participation. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 578-586.	1.9	51
34	The marriage of business and ecology. <i>Frontiers in Ecology and the Environment</i> , 2016, 14, 3-3.	1.9	1
35	Beyond the whaling stalemate. <i>Frontiers in Ecology and the Environment</i> , 2016, 14, 182-183.	1.9	0
36	Conservation triage or injurious neglect in endangered species recovery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3563-3566.	3.3	118

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37	Assessing the impact of the U.S. Endangered Species Act recovery planning guidelines on managing threats for listed species. <i>Conservation Biology</i> , 2015, 29, 1423-1433.	2.4	13
38	The Use of Surrogate Data in Demographic Population Viability Analysis: A Case Study of California Sea Lions. <i>PLoS ONE</i> , 2015, 10, e0139158.	1.1	16
39	A deal with Japan on whaling?. <i>Frontiers in Ecology and the Environment</i> , 2015, 13, 347-347.	1.9	0
40	Working together: A call for inclusive conservation. <i>Nature</i> , 2014, 515, 27-28.	13.7	261
41	Facilitate, don't forbid, trade between conservationists and resource harvesters. , 2014, 24, 23-24.		1
42	Twoâ€sex matrix models in assessing population viability: when do male dynamics matter?. <i>Journal of Applied Ecology</i> , 2014, 51, 270-278.	1.9	31
43	Comparing bycatch mitigation strategies for vulnerable marine megafauna. <i>Animal Conservation</i> , 2014, 17, 5-18.	1.5	47
44	Climate change impacts on connectivity in the ocean: Implications for conservation. <i>Ecosphere</i> , 2014, 5, 1-18.	1.0	77
45	Conservation markets for wildlife management with case studies from whaling. <i>Ecological Applications</i> , 2014, 24, 4-14.	1.8	9
46	Long-term effectiveness of a multi-use marine protected area on reef fish assemblages and fisheries landings. <i>Journal of Environmental Management</i> , 2013, 117, 276-283.	3.8	34
47	Monitoring behavior: assessing population status with rapid behavioral assessment. <i>Conservation Letters</i> , 2013, 6, 86-97.	2.8	14
48	Marine Mammals, Extinctions of. , 2013, , 64-93.		3
49	Does trophic level predict seafood sustainability?. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 122-123.	1.9	1
50	Structuring Decisions for Managing Threatened and Endangered Species in a Changing Climate. <i>Conservation Biology</i> , 2013, 27, 1212-1221.	2.4	33
51	Habitatâ€specific larval dispersal and marine connectivity: implications for spatial conservation planning. <i>Ecosphere</i> , 2013, 4, 1-15.	1.0	37
52	A market approach to saving the whales. <i>Nature</i> , 2012, 481, 139-140.	13.7	28
53	The Scientific Whaling Loophole. <i>Science</i> , 2012, 337, 1038-1038.	6.0	0
54	Implementation of a marine reserve has a rapid but shortâ€lived effect on recreational angler use. <i>Ecological Applications</i> , 2012, 22, 597-605.	1.8	26

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55	Sustaining seafood for public health. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 487-493.	1.9	25
56	Weak Polygyny in California Sea Lions and the Potential for Alternative Mating Tactics. <i>PLoS ONE</i> , 2012, 7, e33654.	1.1	20
57	Incorporating biodiversity conservation and recreational wildlife values into smart growth land use planning. <i>Landscape and Urban Planning</i> , 2011, 100, 136-143.	3.4	18
58	Human Disturbance Influences Reproductive Success and Growth Rate in California Sea Lions ( <i>Zalophus californianus</i> ). <i>PLoS ONE</i> , 2011, 6, e17686.	1.1	65
59	The Potential Impact of Labor Choices on the Efficacy of Marine Conservation Strategies. <i>PLoS ONE</i> , 2011, 6, e23722.	1.1	4
60	Managing for extinction? Conflicting conservation objectives in a large marine reserve. <i>Conservation Letters</i> , 2011, 4, 417-422.	2.8	14
61	Quantifying the Spatial Ecology of Wide-Ranging Marine Species in the Gulf of California: Implications for Marine Conservation Planning. <i>PLoS ONE</i> , 2011, 6, e28400.	1.1	11
62	Identifying Conservation Areas on the Basis of Alternative Distribution Data Sets. <i>Conservation Biology</i> , 2010, 24, 162-170.	2.4	18
63	Inferring spatial structure from time-series data: using multivariate state-space models to detect metapopulation structure of California sea lions in the Gulf of California, Mexico. <i>Journal of Applied Ecology</i> , 2010, 47, 47-56.	1.9	77
64	“Whales eat fish”? Demystifying the myth in the Caribbean marine ecosystem. <i>Fish and Fisheries</i> , 2010, 11, 388-404.	2.7	15
65	First Evidence for Adoption in California Sea Lions. <i>PLoS ONE</i> , 2010, 5, e13873.	1.1	4
66	Coral reef quality and recreation fees in marine protected areas. <i>Conservation Letters</i> , 2010, 3, 38-44.	2.8	23
67	Short- and long-term population response to changes in vital rates: implications for population viability analysis. , 2010, 20, 783-788.		14
68	The Cost of Male Aggression and Polygyny in California Sea Lions ( <i>Zalophus californianus</i> ). <i>PLoS ONE</i> , 2010, 5, e12230.	1.1	20
69	Ecosystem models clarify the trophic role of whales off Northwest Africa. <i>Marine Ecology - Progress Series</i> , 2010, 404, 289-302.	0.9	26
70	Past exploitation of California sea lions did not lead to a genetic bottleneck in the Gulf of California. <i>Ciencias Marinas</i> , 2010, 36, .	0.4	9
71	Developing a non-invasive indicator of pinniped health: Neonate behavior and growth in California sea lions ( <i>Zalophus californianus</i> ). <i>Ciencias Marinas</i> , 2010, 36, 311-321.	0.4	2
72	Isolation by distance among California sea lion populations in Mexico: redefining management stocks. <i>Molecular Ecology</i> , 2009, 18, 1088-1099.	2.0	43

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73	The influence of human disturbance on California sea lions during the breeding season. <i>Animal Conservation</i> , 2009, 12, 592-598.	1.5	17
74	Management of a marine protected area for sustainability and conflict resolution: Lessons from Loreto Bay National Park (Baja California Sur, Mexico). <i>Ocean and Coastal Management</i> , 2009, 52, 449-458.	2.0	35
75	Including risk in stated-preference economic valuations: Experiments on choices for marine recreation. <i>Journal of Environmental Management</i> , 2009, 90, 3401-3409.	3.8	55
76	Should Whales Be Culled to Increase Fishery Yield?. <i>Science</i> , 2009, 323, 880-881.	6.0	53
77	Age-specific birth rates of California sea lions ( <i>Zalophus californianus</i> ) in the Gulf of California, Mexico. <i>Marine Mammal Science</i> , 2008, 24, 664-676.	0.9	25
78	Estimating Sustainable Bycatch Rates for California Sea Lion Populations in the Gulf of California. <i>Conservation Biology</i> , 2008, 22, 701-710.	2.4	12
79	A Behaviorally Explicit Demographic Model Integrating Habitat Selection and Population Dynamics in California Sea Lions. <i>Conservation Biology</i> , 2008, 22, 1608-1618.	2.4	10
80	Assessing the ecological and economic benefits of a no-take marine reserve. <i>Ecological Economics</i> , 2008, 67, 32-40.	2.9	14
81	Habitat Preferences of California Sea Lions: Implications for Conservation. <i>Journal of Mammalogy</i> , 2008, 89, 1521-1528.	0.6	11
82	Survival Rates of the California Sea Lion, <i>Zalophus californianus</i> , in Mexico. <i>Journal of Mammalogy</i> , 2008, 89, 1059-1066.	0.6	44
83	Diverting the Colorado River leads to a dramatic life history shift in an endangered marine fish. <i>Biological Conservation</i> , 2008, 141, 1138-1148.	1.9	65
84	Determinants of Outcomes of Agonistic Interactions among Male California Sea Lions ( <i>Zalophus</i> )	0.6	11
85	Spatial and temporal patterns of territory use of male California sea lions ( <i>Zalophus californianus</i> ) in the Gulf of California, Mexico. <i>Canadian Journal of Zoology</i> , 2008, 86, 237-244.	0.4	12
86	Determinants of agonistic interactions in California sea lions. <i>Behaviour</i> , 2008, 145, 1797-1810.	0.4	10
87	A NONINVASIVE DEMOGRAPHIC ASSESSMENT OF SEA LIONS BASED ON STAGE-SPECIFIC ABUNDANCES. <i>Ecological Applications</i> , 2008, 18, 1287-1296.	1.8	21
88	The Influence of Social Composition on Reproductive Behavior of Territorial Male California Sea Lions. <i>Aquatic Mammals</i> , 2008, 34, 102-108.	0.4	5
89	PREDICTING EXTINCTION RISK IN SPITE OF PREDATOR-PREY OSCILLATIONS. , 2007, 17, 1543-1554.		11
90	Ten thousand and increasing: Is the western Arctic population of bowhead whale endangered?. <i>Biological Conservation</i> , 2007, 137, 577-583.	1.9	14

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91	A state-space mixture approach for estimating catastrophic events in time series data. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2007, 64, 899-910.	0.7	8
92	Connecting Places: The Ecological Consequences of Dispersal in the Sea. <i>Oceanography</i> , 2007, 20, 90-99.	0.5	142
93	Viability Analysis of Reef Fish Populations Based on Limited Demographic Information. <i>Conservation Biology</i> , 2007, 21, 447-454.	2.4	11
94	A Decision Framework for the Adaptive Management of an Exploited Species with Implications for Marine Reserves. <i>Conservation Biology</i> , 2007, 21, 1594-1602.	2.4	27
95	LONG-DISTANCE MOVEMENT OF A PINNIPED NEONATE. <i>Marine Mammal Science</i> , 2007, 23, 926-930.	0.9	10
96	Including behavioral data in demographic models improves estimates of population viability. <i>Frontiers in Ecology and the Environment</i> , 2006, 4, 419-427.	1.9	47
97	Incorporating uncertainty in spatial structure for viability predictions: a case study of California sea lions ( <i>Zalophus californianus californianus</i> ). <i>Animal Conservation</i> , 2006, 9, 219-227.	1.5	22
98	A theory for optimal monitoring of marine reserves. <i>Ecology Letters</i> , 2005, 8, 829-837.	3.0	78
99	Does infectious disease influence the efficacy of marine protected areas? A theoretical framework. <i>Journal of Applied Ecology</i> , 2005, 42, 688-698.	1.9	49
100	EXPOSING EXTINCTION RISK ANALYSIS TO PATHOGENS: IS DISEASE JUST ANOTHER FORM OF DENSITY DEPENDENCE?. , 2005, 15, 1402-1414.		47
101	ECOLOGY: Do the Largest Protected Areas Conserve Whales or Whalers?. <i>Science</i> , 2005, 307, 525-526.	6.0	13
102	Complexity in Ecology and Conservation: Mathematical, Statistical, and Computational Challenges. <i>BioScience</i> , 2005, 55, 501.	2.2	115
103	The role of dispersal and demography in determining the efficacy of marine reserves. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2005, 62, 863-871.	0.7	65
104	The rising tide of ocean diseases: unsolved problems and research priorities. <i>Frontiers in Ecology and the Environment</i> , 2004, 2, 375-382.	1.9	236
105	Food hoarding: future value in optimal foraging decisions. <i>Ecological Modelling</i> , 2004, 175, 77-85.	1.2	38
106	Density dependence and risk of extinction in a small population of sea otters. <i>Biodiversity and Conservation</i> , 2004, 13, 2741-2757.	1.2	14
107	Developing recovery and monitoring strategies for the endemic Mount Graham red squirrels ( <i>Tamiasciurus hudsonicus grahamensis</i> ) in Arizona. <i>Animal Conservation</i> , 2004, 7, 17-22.	1.5	18
108	Marine Reserves as a Tool for Ecosystem-Based Management: The Potential Importance of Megafauna. <i>BioScience</i> , 2004, 54, 27.	2.2	266

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109	The use of demographic sensitivity analysis in marine species conservation planning. <i>Biological Conservation</i> , 2004, 120, 121-128.	1.9	79
110	MORTALITY SENSITIVITY IN LIFE-STAGE SIMULATION ANALYSIS: A CASE STUDY OF SOUTHERN SEA OTTERS. , 2004, 14, 1554-1565.		39
111	Delisting of Species under the ESA. <i>Conservation Biology</i> , 2003, 17, 651-652.	2.4	2
112	Evaluation of Bowhead Whale Status: Reply to Taylor. <i>Conservation Biology</i> , 2003, 17, 918-920.	2.4	1
113	POPULATION MODELS FOR MARINE RESERVE DESIGN: A RETROSPECTIVE AND PROSPECTIVE SYNTHESIS. , 2003, 13, 47-64.		309
114	ARE RECOVERY PLANS IMPROVING WITH PRACTICE?. , 2002, 12, 641-647.		20
115	ARE WE RECOVERING? AN EVALUATION OF RECOVERY CRITERIA UNDER THE U.S. ENDANGERED SPECIES ACT. , 2002, 12, 668-673.		57
116	Sex-biased dispersal in a salmonid fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 2487-2493.	1.2	116
117	The influence of life history attributes and fishing pressure on the efficacy of marine reserves. <i>Biological Conservation</i> , 2002, 106, 11-18.	1.9	37
118	Good Medicine for Conservation Biology: the Intersection of Epidemiology and Conservation Theory. <i>Conservation Biology</i> , 2002, 16, 593-604.	2.4	186
119	Implications of three viability models for the conservation status of the western population of Steller sea lions ( <i>Eumetopias jubatus</i> ). <i>Biological Conservation</i> , 2001, 102, 261-269.	1.9	21
120	Marine Mammals, Extinctions of. , 2001, , 37-69.		3
121	CONSERVATION BIOLOGY OF CETACEANS IN MARINE COMMUNITIES OF BAJA CALIFORNIA: SCIENCE OR ADVOCACY?. <i>Global Ecology and Biogeography</i> , 2001, 10, 335-336.	2.7	0
122	Catastrophic events and recovery from low densities in populations of otariids: implications for risk of extinction. <i>Mammal Review</i> , 2001, 31, 131-150.	2.2	85
123	Authorship and the Use of Biological Information in Endangered Species Recovery Plans. <i>Conservation Biology</i> , 2001, 15, 1308-1314.	2.4	4
124	Authorship and the Use of Biological Information in Endangered Species Recovery Plans. <i>Conservation Biology</i> , 2001, 15, 1308-1314.	2.4	13
125	Measuring Success in Conservation. <i>American Scientist</i> , 2000, 88, 316.	0.1	12
126	A Quantitative Approach to Endangered Species Act Classification of Long-Lived Vertebrates: Application to the North Pacific Humpback Whale. <i>Conservation Biology</i> , 1999, 13, 1203-1214.	2.4	33



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127	Gray Whales and the Value of Monitoring Data in Implementing the U.S. Endangered Species Act. Conservation Biology, 1999, 13, 1215-1219.	2.4	58
128	Marine Mammals: New Objectives in U.S. Fishery Management. Reviews in Fisheries Science, 1999, 7, 23-38.	2.1	10
129	Seeking a rational approach to setting conservation priorities for marine mammals. Integrative Biology: Issues, News, and Reviews, 1998, 1, 90-98.	0.7	7
130	Ecological Synthesis and Its Role in Advancing Knowledge. BioScience, 0, , .	2.2	4
131	Habitat Conservation Plans provide limited insight into the cost of complying with the Endangered Species Act. Conservation Science and Practice, 0, , .	0.9	2