

Marissa L Baskett

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

2,562
citations

186265

28
h-index

223800

46
g-index

71
all docs

71
docs citations

71
times ranked

3479
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparing management strategies for conserving communities of climate-threatened species with a stochastic metacommunity model. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, .	4.0	6
2	Quantifying the statistical power of monitoring programs for marine protected areas. <i>Ecological Applications</i> , 2021, 31, e2215.	3.8	4
3	Catastrophes, connectivity and Allee effects in the design of marine reserve networks. <i>Oikos</i> , 2021, 130, 366-376.	2.7	7
4	Quantifying the Statistical Power of Monitoring Programs for Marine Protected Areas. <i>Bulletin of the Ecological Society of America</i> , 2021, 102, e01793.	0.2	0
5	Identifying robust strategies for assisted migration in a competitive stochastic metacommunity. <i>Conservation Biology</i> , 2021, 35, 1809-1820.	4.7	12
6	Quantifying global potential for coral evolutionary response to climate change. <i>Nature Climate Change</i> , 2021, 11, 537-542.	18.8	42
7	Transient dynamics during kelp forest recovery from fishing across multiple trophic levels. <i>Ecological Applications</i> , 2021, 31, e02367.	3.8	5
8	Grazer behaviour can regulate large-scale patterning of community states. <i>Ecology Letters</i> , 2021, 24, 1917-1929.	6.4	11
9	Disturbance size and frequency mediate the coexistence of benthic spatial competitors. <i>Ecology</i> , 2020, 101, e02904.	3.2	13
10	At what spatial scales are alternative stable states relevant in highly interconnected ecosystems?. <i>Ecology</i> , 2020, 101, e02930.	3.2	10
11	Fast behavioral feedbacks make ecosystems sensitive to pace and not just magnitude of anthropogenic environmental change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25580-25589.	7.1	26
12	Recent declines in salmon body size impact ecosystems and fisheries. <i>Nature Communications</i> , 2020, 11, 4155.	12.8	95
13	Protected areas buffer against harvest selection and rebuild phenotypic complexity. <i>Ecological Applications</i> , 2020, 30, e02108.	3.8	10
14	Beyond Biomass: Valuing Genetic Diversity in Natural Resource Management. <i>American Journal of Agricultural Economics</i> , 2020, 102, 607-624.	4.3	0
15	Partitioning colony size variation into growth and partial mortality. <i>Biology Letters</i> , 2020, 16, 20190727.	2.3	24
16	Setting ecological expectations for adaptive management of marine protected areas. <i>Journal of Applied Ecology</i> , 2019, 56, 2376-2385.	4.0	45
17	Social information drives ecological outcomes among competing species. <i>Ecology</i> , 2019, 100, e02835.	3.2	30
18	Rethinking spatial costs and benefits of fisheries in marine conservation. <i>Ocean and Coastal Management</i> , 2019, 178, 104824.	4.4	7

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19	Quantifying the efficacy of genetic shifting in control of mosquito-borne diseases. <i>Evolutionary Applications</i> , 2019, 12, 1552-1568.	3.1	4
20	Setting expected timelines of fished population recovery for the adaptive management of a marine protected area network. <i>Ecological Applications</i> , 2019, 29, e01949.	3.8	57
21	Life history and temporal variability of escape events interactively determine the fitness consequences of aquaculture escapees on wild populations. <i>Theoretical Population Biology</i> , 2019, 129, 93-102.	1.1	10
22	Optimal investment to enable evolutionary rescue. <i>Theoretical Ecology</i> , 2019, 12, 165-177.	1.0	3
23	Economic value of ecological information in ecosystem-based natural resource management depends on exploitation history. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1658-1663.	7.1	17
24	Integrating Genetic and Demographic Effects of Connectivity on Population Stability: The Case of Hatchery Trucking in Salmon. <i>American Naturalist</i> , 2018, 192, E62-E80.	2.1	16
25	Social Information Links Individual Behavior to Population and Community Dynamics. <i>Trends in Ecology and Evolution</i> , 2018, 33, 535-548.	8.7	122
26	Interactive effects of predator and prey harvest on ecological resilience of rocky reefs. <i>Ecological Applications</i> , 2017, 27, 1718-1730.	3.8	21
27	Post-harvest recovery dynamics depend on predator specialization in size-selective fisheries. <i>Marine Ecology - Progress Series</i> , 2017, 564, 127-143.	1.9	2
28	When is dispersal for dispersal? Unifying marine and terrestrial perspectives. <i>Biological Reviews</i> , 2016, 91, 867-882.	10.4	125
29	Fitting state-space integral projection models to size-structured time series data to estimate unknown parameters. <i>Ecological Applications</i> , 2016, 26, 2677-2694.	3.8	19
30	Predicting evolutionary rescue via evolving plasticity in stochastic environments. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161690.	2.6	98
31	Exploring the effect of the spatial scale of fishery management. <i>Journal of Theoretical Biology</i> , 2016, 390, 14-22.	1.7	12
32	Marine reserves can enhance ecological resilience. <i>Ecology Letters</i> , 2015, 18, 1301-1310.	6.4	40
33	A novel model of predator-prey interactions reveals the sensitivity of forage fish: piscivore fishery trade-offs to ecological conditions. <i>ICES Journal of Marine Science</i> , 2015, 72, 1349-1358.	2.5	27
34	The differential effects of increasing frequency and magnitude of extreme events on coral populations. <i>Ecological Applications</i> , 2015, 25, 1534-1545.	3.8	27
35	Quantifying the potential for marine reserves or harvest reductions to buffer temporal mismatches caused by climate change. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2015, 72, 376-389.	1.4	3
36	The Ecological and Evolutionary Consequences of Marine Reserves. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2015, 46, 49-73.	8.3	81

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37	Evaluating the causal basis of ecological success within the scleractinia: an integral projection model approach. <i>Marine Biology</i> , 2014, 161, 2719-2734.	1.5	48
38	Response Diversity Can Increase Ecological Resilience to Disturbance in Coral Reefs. <i>American Naturalist</i> , 2014, 184, E16-E31.	2.1	39
39	Disturbance facilitates the coexistence of antagonistic ecosystem engineers in California estuaries. <i>Ecology</i> , 2014, 95, 2277-2288.	3.2	18
40	Persistence and Change in Community Composition of Reef Corals through Present, Past, and Future Climates. <i>PLoS ONE</i> , 2014, 9, e107525.	2.5	75
41	Transient responses of fished populations to marine reserve establishment. <i>Conservation Letters</i> , 2013, 6, 180-191.	5.7	67
42	Evolution of dispersal and life history interact to drive accelerating spread of an invasive species. <i>Ecology Letters</i> , 2013, 16, 1079-1087.	6.4	172
43	Quantifying the balance between bycatch and predator or competitor release for nontarget species. <i>Ecological Applications</i> , 2013, 23, 972-983.	3.8	6
44	Evaluating Alternative Strategies for Minimizing Unintended Fitness Consequences of Cultured Individuals on Wild Populations. <i>Conservation Biology</i> , 2013, 27, 83-94.	4.7	84
45	LOCAL ADAPTATION WHEN COMPETITION DEPENDS ON PHENOTYPIC SIMILARITY. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, n/a-n/a.	2.3	10
46	Assessing strategies to minimize unintended fitness consequences of aquaculture on wild populations. <i>Evolutionary Applications</i> , 2013, 6, 1090-1108.	3.1	53
47	Integrating mechanistic organism-environment interactions into the basic theory of community and evolutionary ecology. <i>Journal of Experimental Biology</i> , 2012, 215, 948-961.	1.7	13
48	Linking models with monitoring data for assessing performance of no-take marine reserves. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 390-399.	4.0	69
49	Introgressive hybridization as a mechanism for species rescue. <i>Theoretical Ecology</i> , 2011, 4, 223-239.	1.0	49
50	Conservation management approaches to protecting the capacity for corals to respond to climate change: a theoretical comparison. <i>Global Change Biology</i> , 2010, 16, 1229-1246.	9.5	58
51	Refuge-mediated apparent competition in plant-consumer interactions. <i>Ecology Letters</i> , 2010, 13, 11-20.	6.4	78
52	Recruitment facilitation can drive alternative states on temperate reefs. <i>Ecology</i> , 2010, 91, 1763-1773.	3.2	48
53	Spatial interplay of plant competition and consumer foraging mediate plant coexistence and drive the invasion ratchet. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 3307-3315.	2.6	30
54	Quantifying larval export from South African marine reserves. <i>Marine Ecology - Progress Series</i> , 2009, 394, 65-78.	1.9	43

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55	ORIGINAL ARTICLE: Propensity of marine reserves to reduce the evolutionary effects of fishing in a migratory species. <i>Evolutionary Applications</i> , 2009, 2, 371-393.	3.1	68
56	Symbiont diversity may help coral reefs survive moderate climate change. <i>Ecological Applications</i> , 2009, 19, 3-17.	3.8	96
57	The Evolution of Dispersal in Reserve Networks. <i>American Naturalist</i> , 2007, 170, 59-78.	2.1	86
58	Designing marine reserves for interacting species: Insights from theory. <i>Biological Conservation</i> , 2007, 137, 163-179.	4.1	96
59	Predation, competition, and the recovery of overexploited fish stocks in marine reserves. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006, 63, 1214-1229.	1.4	36
60	Prey size refugia and trophic cascades in marine reserves. <i>Marine Ecology - Progress Series</i> , 2006, 328, 285-293.	1.9	14
61	MARINE RESERVE DESIGN AND THE EVOLUTION OF SIZE AT MATURATION IN HARVESTED FISH. , 2005, 15, 882-901.		112
62	Microsatellite evolution in modern humans: a comparison of two data sets from the same populations. <i>Annals of Human Genetics</i> , 2000, 64, 117-134.	0.8	35
63	Microsatellite evolution in modern humans: a comparison of two data sets from the same populations. <i>Annals of Human Genetics</i> , 2000, 64, 117-34.	0.8	15