

Sally J Holbrook

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96
papers

3,691
citations

34
h-index

57
g-index

97
ext. papers

4,202
ext. citations

4.2
avg, IF

5.35
L-index

#	Paper	IF	Citations
96	COMPETITION FOR SHELTER SPACE CAUSES DENSITY-DEPENDENT PREDATION MORTALITY IN DAMSELFISHES. <i>Ecology</i> , 2002 , 83, 2855-2868	4.6	269
95	Analysis of abrupt transitions in ecological systems. <i>Ecosphere</i> , 2011 , 2, art129	3.1	196
94	Herbivory, connectivity, and ecosystem resilience: response of a coral reef to a large-scale perturbation. <i>PLoS ONE</i> , 2011 , 6, e23717	3.7	179
93	Climate-driven increases in storm frequency simplify kelp forest food webs. <i>Global Change Biology</i> , 2011 , 17, 2513-2524	11.4	134
92	CHANGES IN AN ASSEMBLAGE OF TEMPERATE REEF FISHES ASSOCIATED WITH A CLIMATE SHIFT 1997 , 7, 1299-1310		124
91	The Combined Effects of Predation Risk and Food Reward on Patch Selection. <i>Ecology</i> , 1988 , 69, 125-134	4.6	121
90	Habitat biodiversity as a determinant of fish community structure on coral reefs. <i>Ecology</i> , 2011 , 92, 2285-2298	4.8	102
89	Symbiotic crabs maintain coral health by clearing sediments. <i>Coral Reefs</i> , 2006 , 25, 609-615	4.2	83
88	Effects of sheltering fish on growth of their host corals. <i>Marine Biology</i> , 2008 , 155, 521-530	2.5	82
87	Gape-limitation, foraging tactics and prey size selectivity of two microcarnivorous species of fish. <i>Oecologia</i> , 1984 , 63, 6-12	2.9	80
86	MORTALITY OF JUVENILE DAMSELFISH: IMPLICATIONS FOR ASSESSING PROCESSES THAT DETERMINE ABUNDANCE. <i>Ecology</i> , 1999 , 80, 35-50	4.6	78
85	Rethinking ecological inference: density dependence in reef fishes. <i>Ecology Letters</i> , 2002 , 5, 715-721	10	76
84	Gene flow at three spatial scales in a coral reef fish, the three-spot damselfish, <i>Dascyllus trimaculatus</i> . <i>Marine Biology</i> , 2001 , 138, 457-465	2.5	76
83	Causes and Consequences of Dietary Specialization in Surfperches: Patch Choice and Intraspecific Competition. <i>Ecology</i> , 1992 , 73, 402-412	4.6	72
82	Patch selection by juvenile black surfperch (Embiotocidae) under variable risk: Interactive influence of food quality and structural complexity. <i>Journal of Experimental Marine Biology and Ecology</i> , 1985 , 85, 269-285	2.1	69
81	Settlement and recruitment of three damselfish species: larval delivery and competition for shelter space. <i>Oecologia</i> , 1999 , 118, 76-86	2.9	67
80	Mutualism can mediate competition and promote coexistence. <i>Ecology Letters</i> , 2003 , 6, 898-902	10	65

79	Recruitment Drives Spatial Variation in Recovery Rates of Resilient Coral Reefs. <i>Scientific Reports</i> , 2018 , 8, 7338	4.9	61
78	Nitrogen pollution interacts with heat stress to increase coral bleaching across the seascape. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 5351-5357	11.5	58
77	Spatial and Temporal Patterns in Assemblages of Temperate Reef Fish. <i>American Zoologist</i> , 1994 , 34, 463-475		58
76	Variation in structural attributes of patch-forming corals and in patterns of abundance of associated fishes. <i>Marine and Freshwater Research</i> , 2002 , 53, 1045	2.2	56
75	HABITAT-LIMITED RECRUITMENT OF CORAL REEF DAMSELFISH. <i>Ecology</i> , 2000 , 81, 3479-3494	4.6	56
74	Resource Overlap, Prey Dynamics, and The Strength of Competition. <i>Ecology</i> , 1989 , 70, 1943-1953	4.6	52
73	Coral Reef Resilience, Tipping Points and the Strength of Herbivory. <i>Scientific Reports</i> , 2016 , 6, 35817	4.9	49
72	Seasonally fluctuating resources and temporal variability of interspecific competition. <i>Oecologia</i> , 1986 , 69, 1-11	2.9	47
71	Biological and Physical Interactions on a Tropical Island Coral Reef: Transport and Retention Processes on Moorea, French Polynesia. <i>Oceanography</i> , 2013 , 26, 52-63	2.3	44
70	Experimental analyses of patch selection by foraging black surfperch (<i>Embiotoca jacksoni</i> Agazzi). <i>Journal of Experimental Marine Biology and Ecology</i> , 1984 , 79, 39-64	2.1	41
69	Experimental support for alternative attractors on coral reefs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 4372-4381	11.5	39
68	The scale and cause of spatial heterogeneity in strength of temporal density dependence. <i>Ecology</i> , 2007 , 88, 1241-9	4.6	38
67	Population Responses of Surfperch Released from Competition. <i>Ecology</i> , 1990 , 71, 1653-1665	4.6	37
66	How will coral reef fish communities respond to climate-driven disturbances? Insight from landscape-scale perturbations. <i>Oecologia</i> , 2014 , 176, 285-96	2.9	36
65	Spatial and temporal variation in mortality of newly settled damselfish: patterns, causes and co-variation with settlement. <i>Oecologia</i> , 2003 , 135, 532-41	2.9	36
64	Very high resolution mapping of coral reef state using airborne bathymetric LiDAR surface-intensity and drone imagery. <i>International Journal of Remote Sensing</i> , 2018 , 39, 5676-5688	3.1	34
63	Influence of corallivory, competition, and habitat structure on coral community shifts. <i>Ecology</i> , 2011 , 92, 1959-71	4.6	34
62	Predictability of fish assemblages on coral patch reefs. <i>Marine and Freshwater Research</i> , 2002 , 53, 181	2.2	34

61	Habitat Utilization, Competitive Interactions, and Coexistence of three Species of Cricetine Rodents in East-Central Arizona. <i>Ecology</i> , 1979 , 60, 758-769	4.6	34
60	Range expansion of a non-native, invasive macroalga <i>Sargassum horneri</i> (Turner) C. Agardh, 1820 in the eastern Pacific. <i>BiolInvasions Records</i> , 2015 , 4, 243-248	1.8	34
59	Nitrogen Identity Drives Differential Impacts of Nutrients on Coral Bleaching and Mortality. <i>Ecosystems</i> , 2020 , 23, 798-811	3.9	34
58	Effects of predation risk on foraging behavior: mechanisms altering patch choice. <i>Journal of Experimental Marine Biology and Ecology</i> , 1988 , 121, 151-163	2.1	33
57	Predicting coral community recovery using multi-species population dynamics models. <i>Ecology Letters</i> , 2018 , 21, 1790-1799	10	32
56	Response of herbivore functional groups to sequential perturbations in Moorea, French Polynesia. <i>Coral Reefs</i> , 2016 , 35, 999-1009	4.2	30
55	Reef fishes in biodiversity hotspots are at greatest risk from loss of coral species. <i>PLoS ONE</i> , 2015 , 10, e0124054	3.7	30
54	The role of microhabitat preference and social organization in determining the spatial distribution of a coral reef fish. <i>Environmental Biology of Fishes</i> , 2009 , 84, 1-10	1.6	29
53	POPULATION DYNAMICS OF A DAMSELFISH: EFFECTS OF A COMPETITOR THAT ALSO IS AN INDIRECT MUTUALIST. <i>Ecology</i> , 2004 , 85, 979-985	4.6	29
52	Predation and landscape characteristics independently affect reef fish community organization. <i>Ecology</i> , 2014 , 95, 1294-307	4.6	28
51	Fish communities on staghorn coral: effects of habitat characteristics and resident farmerfishes. <i>Environmental Biology of Fishes</i> , 2011 , 91, 429-448	1.6	28
50	Food acquisition by competing surfperch on a patchy environmental gradient. <i>Environmental Biology of Fishes</i> , 1986 , 16, 135-146	1.6	28
49	An Experimental Evaluation of Different Methods of Restoring <i>Phyllospadix torreyi</i> (Surfgrass). <i>Restoration Ecology</i> , 2004 , 12, 70-79	3.1	27
48	Indirect effects of species interactions on habitat provisioning. <i>Oecologia</i> , 2011 , 166, 739-49	2.9	25
47	Rodent Faunal Turnover and Prehistoric Community Stability in Northwestern New Mexico. <i>American Naturalist</i> , 1977 , 111, 1195-1208	3.7	25
46	Intraguild predation in a structured habitat: distinguishing multiple-predator effects from competitor effects. <i>Ecology</i> , 2009 , 90, 2434-43	4.6	24
45	Contrasting effects of giant kelp on dynamics of surfperch populations. <i>Oecologia</i> , 1990 , 84, 419-429	2.9	24
44	Aggregation and Abandonment at Grasshopper Pueblo, Arizona. <i>Journal of Field Archaeology</i> , 1982 , 9, 193-206	2	24

43	Foundation species promote community stability by increasing diversity in a giant kelp forest. <i>Ecology</i> , 2020 , 101, e02987	4.6	23
42	The importance of progressive senescence in the biomass dynam of giant kelp (<i>Macrocystis pyrifera</i>). <i>Ecology</i> , 2013 , 94, 1848-58	4.6	23
41	Stable Isotopes Reveal Trophic Relationships and Diet of Consumers in Temperate Kelp Forest and Coral Reef Ecosystems. <i>Oceanography</i> , 2013 , 26, 180-189	2.3	21
40	Prehistoric Environmental Change in Northern New Mexico: Evidence from a Gallina Phase Archaeological Site. <i>Kiva, The</i> , 1976 , 41, 309-317	0.1	21
39	Hydrodynamics influence coral performance through simultaneous direct and indirect effects. <i>Ecology</i> , 2015 , 96, 1540-1549	4.6	20
38	Sublethal toxicant effects with dynamic energy budget theory: application to mussel outplants. <i>Ecotoxicology</i> , 2010 , 19, 38-47	2.9	20
37	Temporally Concordant Structure of a Fish Assemblage: Bound or Determined?. <i>American Naturalist</i> , 1990 , 135, 63-73	3.7	20
36	Dietary partitioning promotes the coexistence of planktivorous species on coral reefs. <i>Molecular Ecology</i> , 2019 , 28, 2694-2710	5.7	19
35	Patterns and controls of the dynamics of net primary production by understory macroalgal assemblages in giant kelp forests. <i>Journal of Phycology</i> , 2013 , 49, 248-57	3	19
34	Landscape-scale patterns of nutrient enrichment in a coral reef ecosystem: implications for coral to algae phase shifts. <i>Ecological Applications</i> , 2021 , 31, e2227	4.9	19
33	High resolution topobathymetry using a Pleiades-1 triplet: Moorea Island in 3D. <i>Remote Sensing of Environment</i> , 2018 , 208, 109-119	13.2	18
32	Triggers and maintenance of multiple shifts in the state of a natural community. <i>Oecologia</i> , 2010 , 164, 489-98	2.9	18
31	Complexities and Uncertainties in Transitioning Small-Scale Coral Reef Fisheries. <i>Frontiers in Marine Science</i> , 2016 , 3,	4.5	18
30	Fluctuations in food supply drive recruitment variation in a marine fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012 , 279, 4542-50	4.4	17
29	Studies on germination and root development in the surfgrass <i>Phyllospadix torreyi</i> : implications for habitat restoration. <i>Aquatic Botany</i> , 1998 , 62, 71-80	1.8	17
28	Compensation in resource use by foragers released from interspecific competition. <i>Journal of Experimental Marine Biology and Ecology</i> , 1995 , 185, 219-233	2.1	15
27	Isolation and characterization of eight polymorphic microsatellite markers from the orange-fin anemonefish, <i>Amphiprion chrysopterus</i> . <i>Conservation Genetics Resources</i> , 2009 , 1, 333-335	0.8	14
26	Perceptions and responses of Pacific Island fishers to changing coral reefs. <i>Ambio</i> , 2020 , 49, 130-143	6.5	14

25	Macroalgae size refuge from herbivory promotes alternative stable states on coral reefs. <i>PLoS ONE</i> , 2018 , 13, e0202273	3.7	14
24	Species diversity patterns in some present and prehistoric rodent communities. <i>Oecologia</i> , 1979 , 44, 355-367	2.9	13
23	Declines in regional fish populations: have species responded similarly to environmental change?. <i>Marine and Freshwater Research</i> , 2002 , 53, 189	2.2	12
22	Maneuvering towards adaptive co-management in a coral reef fishery. <i>Marine Policy</i> , 2018 , 98, 77-84	3.5	12
21	Spatial patterns of self-recruitment of a coral reef fish in relation to island-scale retention mechanisms. <i>Molecular Ecology</i> , 2016 , 25, 5203-5211	5.7	11
20	Stochastic density effects on adult fish survival and implications for population fluctuations. <i>Ecology Letters</i> , 2016 , 19, 153-162	10	10
19	Coral Microbiomes Demonstrate Flexibility and Resilience Through a Reduction in Community Diversity Following a Thermal Stress Event. <i>Frontiers in Ecology and Evolution</i> , 2020 , 8,	3.7	9
18	Critical Information Gaps Impeding Understanding of the Role of Larval Connectivity Among Coral Reef Islands in an Era of Global Change. <i>Frontiers in Marine Science</i> , 2018 , 5,	4.5	9
17	Niche Complementarity and Resistance to Grazing Promote the Invasion Success of <i>Sargassum horneri</i> in North America. <i>Diversity</i> , 2020 , 12, 54	2.5	7
16	Correlates of spatial variation in settlement of two tropical damselfishes. <i>Marine and Freshwater Research</i> , 2002 , 53, 329	2.2	7
15	Simulating social-ecological systems: the Island Digital Ecosystem Avatars (IDEA) consortium. <i>GigaScience</i> , 2016 , 5, 14	7.6	7
14	Blade life span, structural investment, and nutrient allocation in giant kelp. <i>Oecologia</i> , 2016 , 182, 397-404.	4.9	6
13	Environmental Reconstruction and the Abandonment of the Largo-Gallina Area, New Mexico. <i>Journal of Field Archaeology</i> , 1978 , 5, 29-49	2	6
12	Isolation and characterization of 13 polymorphic nuclear microsatellite primers for the widespread Indo-Pacific three-spot damselfish, <i>Dascyllus trimaculatus</i> , and closely related <i>D. auripinnis</i> . <i>Molecular Ecology Resources</i> , 2009 , 9, 213-5	8.4	5
11	Coral Reef Monitoring by Scuba Divers Using Underwater Photogrammetry and Geodetic Surveying. <i>Remote Sensing</i> , 2020 , 12, 3036	5	5
10	Predicting coral community recovery using multi-species population dynamics models. <i>Ecology Letters</i> , 2019 , 22, 605-615	10	4
9	Resilience: insights from the U.S. LongTerm Ecological Research Network. <i>Ecosphere</i> , 2021 , 12, e03434	3.1	4
8	Potential feedback between coral presence and farmerfish collective behavior promotes coral recovery. <i>Oikos</i> , 2019 , 128, 482-492	4	4

7	Evaluating the precariousness of coral recovery when coral and macroalgae are alternative basins of attraction. <i>Limnology and Oceanography</i> ,	4.8	3
6	HABITAT-LIMITED RECRUITMENT OF CORAL REEF DAMSELFISH 2000 , 81, 3479		2
5	COMPETITION FOR SHELTER SPACE CAUSES DENSITY-DEPENDENT PREDATION MORTALITY IN DAMSELFISHES 2002 , 83, 2855		1
4	Collective aggressiveness of an ecosystem engineer is associated with coral recovery. <i>Behavioral Ecology</i> , 2018 ,	2.3	1
3	How do fisher responses to macroalgal overgrowth influence the resilience of coral reefs?. <i>Limnology and Oceanography</i> ,	4.8	1
2	Long-term ecological research and the COVID-19 anthropause: A window to understanding social-ecological disturbance.. <i>Ecosphere</i> , 2022 , 13, e4019	3.1	1
1	Spatial co-variation in nutrient enrichment and fishing of herbivores in an oceanic coral reef ecosystem.. <i>Ecological Applications</i> , 2021 , e2515	4.9	0