

# Sally J Holbrook

## List of Publications by Year in descending order

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97  
papers

4,886  
citations

81839

39  
h-index

106281

65  
g-index

97  
all docs

97  
docs citations

97  
times ranked

4433  
citing authors

#	ARTICLE	IF	CITATIONS
1	COMPETITION FOR SHELTER SPACE CAUSES DENSITY-DEPENDENT PREDATION MORTALITY IN DAMSELFISHES. <i>Ecology</i> , 2002, 83, 2855-2868.	1.5	309
2	Analysis of abrupt transitions in ecological systems. <i>Ecosphere</i> , 2011, 2, art129.	1.0	239
3	Herbivory, Connectivity, and Ecosystem Resilience: Response of a Coral Reef to a Large-Scale Perturbation. <i>PLoS ONE</i> , 2011, 6, e23717.	1.1	223
4	The Combined Effects of Predation Risk and Food Reward on Patch Selection. <i>Ecology</i> , 1988, 69, 125-134.	1.5	173
5	Climate-driven increases in storm frequency simplify help forest food webs. <i>Global Change Biology</i> , 2011, 17, 2513-2524.	4.2	172
6	CHANGES IN AN ASSEMBLAGE OF TEMPERATE REEF FISHES ASSOCIATED WITH A CLIMATE SHIFT. , 1997, 7, 1299-1310.		154
7	Habitat biodiversity as a determinant of fish community structure on coral reefs. <i>Ecology</i> , 2011, 92, 2285-2298.	1.5	124
8	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.	3.3	112
9	Recruitment Drives Spatial Variation in Recovery Rates of Resilient Coral Reefs. <i>Scientific Reports</i> , 2018, 8, 7338.	1.6	106
10	Gape-limitation, foraging tactics and prey size selectivity of two microcarnivorous species of fish. <i>Oecologia</i> , 1984, 63, 6-12.	0.9	102
11	MORTALITY OF JUVENILE DAMSELFISH: IMPLICATIONS FOR ASSESSING PROCESSES THAT DETERMINE ABUNDANCE. <i>Ecology</i> , 1999, 80, 35-50.	1.5	100
12	Symbiotic crabs maintain coral health by clearing sediments. <i>Coral Reefs</i> , 2006, 25, 609-615.	0.9	99
13	Effects of sheltering fish on growth of their host corals. <i>Marine Biology</i> , 2008, 155, 521-530.	0.7	94
14	Causes and Consequences of Dietary Specialization in Surfperches: Patch Choice and Intraspecific Competition. <i>Ecology</i> , 1992, 73, 402-412.	1.5	93
15	Rethinking ecological inference: density dependence in reef fishes. <i>Ecology Letters</i> , 2002, 5, 715-721.	3.0	85
16	Gene flow at three spatial scales in a coral reef fish, the three-spot dascyllus, <i>Dascyllus trimaculatus</i> . <i>Marine Biology</i> , 2001, 138, 457-465.	0.7	82
17	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.	0.7	79
18	Mutualism can mediate competition and promote coexistence. <i>Ecology Letters</i> , 2003, 6, 898-902.	3.0	79

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19	Settlement and recruitment of three damselfish species: larval delivery and competition for shelter space. <i>Oecologia</i> , 1999, 118, 76-86.	0.9	78
20	Coral Reef Resilience, Tipping Points and the Strength of Herbivory. <i>Scientific Reports</i> , 2016, 6, 35817.	1.6	75
21	HABITAT-LIMITED RECRUITMENT OF CORAL REEF DAMSELFISH. <i>Ecology</i> , 2000, 81, 3479-3494.	1.5	74
22	Nitrogen Identity Drives Differential Impacts of Nutrients on Coral Bleaching and Mortality. <i>Ecosystems</i> , 2020, 23, 798-811.	1.6	72
23	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.	0.7	68
24	Resource Overlap, Prey Dynamics, and The Strength of Competition. <i>Ecology</i> , 1989, 70, 1943-1953.	1.5	67
25	Spatial and Temporal Patterns in Assemblages of Temperate Reef Fish. <i>American Zoologist</i> , 1994, 34, 463-475.	0.7	67
26	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.	3.3	64
27	Seasonally fluctuating resources and temporal variability of interspecific competition. <i>Oecologia</i> , 1986, 69, 1-11.	0.9	61
28	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.	0.5	61
29	Predicting coral community recovery using multi-species population dynamics models. <i>Ecology Letters</i> , 2018, 21, 1790-1799.	3.0	59
30	Habitat Utilization, Competitive Interactions, and Coexistence of three Species of Cricetine Rodents in East-Central Arizona. <i>Ecology</i> , 1979, 60, 758-769.	1.5	54
31	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.	1.3	53
32	Foundation species promote community stability by increasing diversity in a giant kelp forest. <i>Ecology</i> , 2020, 101, e02987.	1.5	52
33	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.	0.4	50
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.	1.8	49
35	How will coral reef fish communities respond to climate-driven disturbances? Insight from landscape-scale perturbations. <i>Oecologia</i> , 2014, 176, 285-296.	0.9	47
36	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.	0.7	46

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37	Population Responses of Surfperch Released from Competition. <i>Ecology</i> , 1990, 71, 1653-1665.	1.5	46
38	Predictability of fish assemblages on coral patch reefs. <i>Marine and Freshwater Research</i> , 2002, 53, 181.	0.7	46
39	Spatial and temporal variation in mortality of newly settled damselfish: patterns, causes and co-variation with settlement. <i>Oecologia</i> , 2003, 135, 532-541.	0.9	44
40	THE SCALE AND CAUSE OF SPATIAL HETEROGENEITY IN STRENGTH OF TEMPORAL DENSITY DEPENDENCE. <i>Ecology</i> , 2007, 88, 1241-1249.	1.5	43
41	Influence of corallivory, competition, and habitat structure on coral community shifts. <i>Ecology</i> , 2011, 92, 1959-1971.	1.5	42
42	Response of herbivore functional groups to sequential perturbations in Moorea, French Polynesia. <i>Coral Reefs</i> , 2016, 35, 999-1009.	0.9	42
43	Reef Fishes in Biodiversity Hotspots Are at Greatest Risk from Loss of Coral Species. <i>PLoS ONE</i> , 2015, 10, e0124054.	1.1	40
44	Effects of predation risk on foraging behavior: mechanisms altering patch choice. <i>Journal of Experimental Marine Biology and Ecology</i> , 1988, 121, 151-163.	0.7	38
45	An Experimental Evaluation of Different Methods of Restoring <i>Phyllospadix torreyi</i> (Surfgrass). <i>Restoration Ecology</i> , 2004, 12, 70-79.	1.4	38
46	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, .	1.1	34
47	Fish communities on staghorn coral: effects of habitat characteristics and resident farmerfishes. <i>Environmental Biology of Fishes</i> , 2011, 91, 429-448.	0.4	33
48	The importance of progressive senescence in the biomass dynamics of giant kelp ( <i>Macrocystis</i> ). <i>Ecology</i> , 2004, 85, 979-985.	1.5	33
49	Predation and landscape characteristics independently affect reef fish community organization. <i>Ecology</i> , 2014, 95, 1294-1307.	1.5	33
50	POPULATION DYNAMICS OF A DAMSELFISH: EFFECTS OF A COMPETITOR THAT ALSO IS AN INDIRECT MUTUALIST. <i>Ecology</i> , 2004, 85, 979-985.	1.5	32
51	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.	0.4	32
52	Hydrodynamics influence coral performance through simultaneous direct and indirect effects. <i>Ecology</i> , 2015, 96, 1540-1549.	1.5	30
53	Dietary partitioning promotes the coexistence of planktivorous species on coral reefs. <i>Molecular Ecology</i> , 2019, 28, 2694-2710.	2.0	30
54	Rodent Faunal Turnover and Prehistoric Community Stability in Northwestern New Mexico. <i>American Naturalist</i> , 1977, 111, 1195-1208.	1.0	30

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55	Food acquisition by competing surfperch on a patchy environmental gradient. <i>Environmental Biology of Fishes</i> , 1986, 16, 135-146.	0.4	29
56	Indirect effects of species interactions on habitat provisioning. <i>Oecologia</i> , 2011, 166, 739-749.	0.9	29
57	Contrasting effects of giant kelp on dynamics of surfperch populations. <i>Oecologia</i> , 1990, 84, 419-429.	0.9	28
58	Intraguild predation in a structured habitat: distinguishing multiple predator effects from competitor effects. <i>Ecology</i> , 2009, 90, 2434-2443.	1.5	27
59	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, 248-257.	1.0	27
60	Complexities and Uncertainties in Transitioning Small-Scale Coral Reef Fisheries. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	27
61	Macroalgae size refuge from herbivory promotes alternative stable states on coral reefs. <i>PLoS ONE</i> , 2018, 13, e0202273.	1.1	27
62	Aggregation and Abandonment at Grasshopper Pueblo, Arizona. <i>Journal of Field Archaeology</i> , 1982, 9, 193-206.	0.7	26
63	Temporally Concordant Structure of a Fish Assemblage: Bound or Determined?. <i>American Naturalist</i> , 1990, 135, 63-73.	1.0	26
64	Prehistoric Environmental Change in Northern New Mexico: Evidence from a Gallina Phase Archaeological Site. <i>Kiva</i> , The, 1976, 41, 309-317.	0.2	25
65	Stable Isotopes Reveal Trophic Relationships and Diet of Consumers in Temperate Kelp Forest and Coral Reef Ecosystems. <i>Oceanography</i> , 2013, 26, 180-189.	0.5	25
66	High resolution topobathymetry using a Pleiades-1 triplet: Moorea Island in 3D. <i>Remote Sensing of Environment</i> , 2018, 208, 109-119.	4.6	25
67	Perceptions and responses of Pacific Island fishers to changing coral reefs. <i>Ambio</i> , 2020, 49, 130-143.	2.8	25
68	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.	0.8	23
69	Coral Reef Monitoring by Scuba Divers Using Underwater Photogrammetry and Geodetic Surveying. <i>Remote Sensing</i> , 2020, 12, 3036.	1.8	23
70	Fluctuations in food supply drive recruitment variation in a marine fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4542-4550.	1.2	22
71	Sublethal toxicant effects with dynamic energy budget theory: application to mussel outplants. <i>Ecotoxicology</i> , 2010, 19, 38-47.	1.1	20
72	Triggers and maintenance of multiple shifts in the state of a natural community. <i>Oecologia</i> , 2010, 164, 489-498.	0.9	19

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73	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, .	1.2	18
74	Blade life span, structural investment, and nutrient allocation in giant kelp. <i>Oecologia</i> , 2016, 182, 397-404.	0.9	17
75	Maneuvering towards adaptive co-management in a coral reef fishery. <i>Marine Policy</i> , 2018, 98, 77-84.	1.5	17
76	Species diversity patterns in some present and prehistoric rodent communities. <i>Oecologia</i> , 1979, 44, 355-367.	0.9	16
77	Compensation in resource use by foragers released from interspecific competition. <i>Journal of Experimental Marine Biology and Ecology</i> , 1995, 185, 219-233.	0.7	16
78	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.	2.0	16
79	Simulating social-ecological systems: the Island Digital Ecosystem Avatars (IDEA) consortium. <i>GigaScience</i> , 2016, 5, 14.	3.3	15
80	Declines in regional fish populations: have species responded similarly to environmental change?. <i>Marine and Freshwater Research</i> , 2002, 53, 189.	0.7	14
81	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.	0.4	14
82	Stochastic density effects on adult fish survival and implications for population fluctuations. <i>Ecology Letters</i> , 2016, 19, 153-162.	3.0	14
83	Resilience: insights from the U.S. LongTerm Ecological Research Network. <i>Ecosphere</i> , 2021, 12, e03434.	1.0	11
84	Correlates of spatial variation in settlement of two tropical damselfishes. <i>Marine and Freshwater Research</i> , 2002, 53, 329.	0.7	10
85	Niche Complementarity and Resistance to Grazing Promote the Invasion Success of <i>Sargassum horneri</i> in North America. <i>Diversity</i> , 2020, 12, 54.	0.7	10
86	Evaluating the precariousness of coral recovery when coral and macroalgae are alternative basins of attraction. <i>Limnology and Oceanography</i> , 2022, 67, .	1.6	10
87	Spatial covariation in nutrient enrichment and fishing of herbivores in an oceanic coral reef ecosystem. <i>Ecological Applications</i> , 2022, 32, e2515.	1.8	9
88	Potential feedback between coral presence and farmerfish collective behavior promotes coral recovery. <i>Oikos</i> , 2019, 128, 482-492.	1.2	7
89	Environmental Reconstruction and the Abandonment of the Largo-Gallina Area, New Mexico. <i>Journal of Field Archaeology</i> , 1978, 5, 29-49.	0.7	6
90	Isolation and characterization of 13 polymorphic nuclear microsatellite primers for the widespread Indo-Pacific threespot damselfish, <i>Dascyllus trimaculatus</i> , and closely related <i>D. auripinnis</i> . <i>Molecular Ecology Resources</i> , 2009, 9, 213-215.	2.2	6

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91	Predicting coral community recovery using multi-species population dynamics models. Ecology Letters, 2019, 22, 605-615.	3.0	5
92	How do fisher responses to macroalgal overgrowth influence the resilience of coral reefs?. Limnology and Oceanography, 2022, 67, .	1.6	4
93	Long-term ecological research and the COVID-19 anthropause: A window to understanding social ecological disturbance. Ecosphere, 2022, 13, e4019.	1.0	4
94	Collective aggressiveness of an ecosystem engineer is associated with coral recovery. Behavioral Ecology, 2018, , .	1.0	2
95	Habitat-Limited Recruitment of Coral Reef Damselfish. Ecology, 2000, 81, 3479.	1.5	2
96	COMPETITION FOR SHELTER SPACE CAUSES DENSITY-DEPENDENT PREDATION MORTALITY IN DAMSELFISHES. , 2002, 83, 2855.		1
97	Nonlinear dynamics, resilience, and regime shifts in aquatic communities and ecosystems: an overview. Limnology and Oceanography, 2022, 67, .	1.6	1