Sally J Holbrook

List of Publications by Year
in descending order

97 papers	4,886 citations	81889 39 h-index	106340 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. Ecology, 2002, 83, 2855-2868.	3.2	309
2	Analysis of abrupt transitions in ecological systems. Ecosphere, 2011, 2, art129.	2.2	239
3	Herbivory, Connectivity, and Ecosystem Resilience: Response of a Coral Reef to a Large-Scale Perturbation. PLoS ONE, 2011, 6, e23717.	2.5	223
4	The Combined Effects of Predation Risk and Food Reward on Patch Selection. Ecology, 1988, 69, 125-134.	3.2	173
5	Climate-driven increases in storm frequency simplify kelp forest food webs. Global Change Biology, 2011, 17, 2513-2524.	9.5	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. Ecology, 2011, 92, 2285-2298.	3.2	124
8	Nitrogen pollution interacts with heat stress to increase coral bleaching across the seascape. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 5351-5357.	7.1	112
9	Recruitment Drives Spatial Variation in Recovery Rates of Resilient Coral Reefs. Scientific Reports, 2018, 8, 7338.	3.3	106
10	Gape-limitation, foraging tactics and prey size selectivity of two microcarnivorous species of fish. Oecologia, 1984, 63, 6-12.	2.0	102
11	MORTALITY OF JUVENILE DAMSELFISH: IMPLICATIONS FOR ASSESSING PROCESSES THAT DETERMINE ABUNDANCE. Ecology, 1999, 80, 35-50.	3.2	100
12	Symbiotic crabs maintain coral health by clearing sediments. Coral Reefs, 2006, 25, 609-615.	2.2	99
13	Effects of sheltering fish on growth of their host corals. Marine Biology, 2008, 155, 521-530.	1.5	94
14	Causes and Consequences of Dietary Specialization in Surfperches: Patch Choice and Intraspecific Competition. Ecology, 1992, 73, 402-412.	3.2	93
15	Rethinking ecological inference: density dependence in reef fishes. Ecology Letters, 2002, 5, 715-721.	6.4	85
16	Gene flow at three spatial scales in a coral reef fish, the three-spot dascyllus, Dascyllus trimaculatus. Marine Biology, 2001, 138, 457-465.	1.5	82
17	Patch selection by juvenile black surfperch (Embiotocidae) under variable risk: Interactive influence of food quality and structural complexity. Journal of Experimental Marine Biology and Ecology, 1985, 85, 269-285.	1.5	79
18	Mutualism can mediate competition and promote coexistence. Ecology Letters, 2003, 6, 898-902.	6.4	79

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19	Settlement and recruitment of three damselfish species: larval delivery and competition for shelter space. Oecologia, 1999, 118, 76-86.	2.0	78
20	Coral Reef Resilience, Tipping Points and the Strength of Herbivory. Scientific Reports, 2016, 6, 35817.	3.3	75
21	HABITAT-LIMITED RECRUITMENT OF CORAL REEF DAMSELFISH. Ecology, 2000, 81, 3479-3494.	3.2	74
22	Nitrogen Identity Drives Differential Impacts of Nutrients on Coral Bleaching and Mortality. Ecosystems, 2020, 23, 798-811.	3.4	72
23	Variation in structural attributes of patch-forming corals and in patterns of abundance of associated fishes. Marine and Freshwater Research, 2002, 53, 1045.	1.3	68
24	Resource Overlap, Prey Dynamics, and The Strength of Competition. Ecology, 1989, 70, 1943-1953.	3.2	67
25	Spatial and Temporal Patterns in Assemblages of Temperate Reef Fish. American Zoologist, 1994, 34, 463-475.	0.7	67
26	Experimental support for alternative attractors on coral reefs. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4372-4381.	7.1	64
27	Seasonally fluctuating resources and temporal variability of interspecific competition. Oecologia, 1986, 69, 1-11.	2.0	61
28	Biological and Physical Interactions on a Tropical Island Coral Reef: Transport and Retention Processes on Moorea, French Polynesia. Oceanography, 2013, 26, 52-63.	1.0	61
29	Predicting coral community recovery using multiâ€species population dynamics models. Ecology Letters, 2018, 21, 1790-1799.	6.4	59
30	Habitat Utilization, Competitive Interactions, and Coexistence of three Species of Cricetine Rodents in East-Central Arizona. Ecology, 1979, 60, 758-769.	3.2	54
31	Very high resolution mapping of coral reef state using airborne bathymetric LiDAR surface-intensity and drone imagery. International Journal of Remote Sensing, 2018, 39, 5676-5688.	2.9	53
32	Foundation species promote community stability by increasing diversity in a giant kelp forest. Ecology, 2020, 101, e02987.	3.2	52
33	Range expansion of a non-native, invasive macroalga Sargassum horneri (Turner) C. Agardh, 1820 in the eastern Pacific. BioInvasions Records, 2015, 4, 243-248.	1.1	50
34	Landscapeâ€scale patterns of nutrient enrichment in a coral reef ecosystem: implications for coral to algae phase shifts. Ecological Applications, 2021, 31, e2227.	3.8	49
35	How will coral reef fish communities respond to climate-driven disturbances? Insight from landscape-scale perturbations. Oecologia, 2014, 176, 285-296.	2.0	47
36	Experimental analyses of patch selection by foraging black surfperch (Embiotoca jacksoni Agazzi). Journal of Experimental Marine Biology and Ecology, 1984, 79, 39-64.	1.5	46

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37	Population Responses of Surfperch Released from Competition. Ecology, 1990, 71, 1653-1665.	3.2	46
38	Predictability of fish assemblages on coral patch reefs. Marine and Freshwater Research, 2002, 53, 181.	1.3	46
39	Spatial and temporal variation in mortality of newly settled damselfish: patterns, causes and co-variation with settlement. Oecologia, 2003, 135, 532-541.	2.0	44
40	THE SCALE AND CAUSE OF SPATIAL HETEROGENEITY IN STRENGTH OF TEMPORAL DENSITY DEPENDENCE. Ecology, 2007, 88, 1241-1249.	3.2	43
41	Influence of corallivory, competition, and habitat structure on coral community shifts. Ecology, 2011, 92, 1959-1971.	3.2	42
42	Response of herbivore functional groups to sequential perturbations in Moorea, French Polynesia. Coral Reefs, 2016, 35, 999-1009.	2.2	42
43	Reef Fishes in Biodiversity Hotspots Are at Greatest Risk from Loss of Coral Species. PLoS ONE, 2015, 10, e0124054.	2.5	40
44	Effects of predation risk on foraging behavior: mechanisms altering patch choice. Journal of Experimental Marine Biology and Ecology, 1988, 121, 151-163.	1.5	38
45	An Experimental Evaluation of Different Methods of Restoring Phyllospadix torreyi (Surfgrass). Restoration Ecology, 2004, 12, 70-79.	2.9	38
46	Coral Microbiomes Demonstrate Flexibility and Resilience Through a Reduction in Community Diversity Following a Thermal Stress Event. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	34
47	Fish communities on staghorn coral: effects of habitat characteristics and resident farmerfishes. Environmental Biology of Fishes, 2011, 91, 429-448.	1.0	33
48	The importance of progressive senescence in the biomass dynamics of giant kelp (<i>Macrocystis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.2	33
49	Predation and landscape characteristics independently affect reef fish community organization. Ecology, 2014, 95, 1294-1307.	3.2	33
50	POPULATION DYNAMICS OF A DAMSELFISH: EFFECTS OF A COMPETITOR THAT ALSO IS AN INDIRECT MUTUALIST. Ecology, 2004, 85, 979-985.	3.2	32
51	The role of microhabitat preference and social organization in determining the spatial distribution of a coral reef fish. Environmental Biology of Fishes, 2009, 84, 1-10.	1.0	32
52	Hydrodynamics influence coral performance through simultaneous direct and indirect effects. Ecology, 2015, 96, 1540-1549.	3.2	30
53	Dietary partitioning promotes the coexistence of planktivorous species on coral reefs. Molecular Ecology, 2019, 28, 2694-2710.	3.9	30
54	Rodent Faunal Turnover and Prehistoric Community Stability in Northwestern New Mexico. American Naturalist, 1977, 111, 1195-1208.	2.1	30

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55	Food acquisition by competing surfperch on a patchy environmental gradient. Environmental Biology of Fishes, 1986, 16, 135-146.	1.0	29
56	Indirect effects of species interactions on habitat provisioning. Oecologia, 2011, 166, 739-749.	2.0	29
57	Contrasting effects of giant kelp on dynamics of surfperch populations. Oecologia, 1990, 84, 419-429.	2.0	28
58	Intraguild predation in a structured habitat: distinguishing multipleâ€predator effects from competitor effects. Ecology, 2009, 90, 2434-2443.	3.2	27
59	Patterns and controls of the dynamics of net primary production by understory macroalgal assemblages in giant kelp forests. Journal of Phycology, 2013, 49, 248-257.	2.3	27
60	Complexities and Uncertainties in Transitioning Small-Scale Coral Reef Fisheries. Frontiers in Marine Science, 2016, 3, .	2.5	27
61	Macroalgae size refuge from herbivory promotes alternative stable states on coral reefs. PLoS ONE, 2018, 13, e0202273.	2.5	27
62	Aggregation and Abandonment at Grasshopper Pueblo, Arizona. Journal of Field Archaeology, 1982, 9, 193-206.	1.3	26
63	Temporally Concordant Structure of a Fish Assemblage: Bound or Determined?. American Naturalist, 1990, 135, 63-73.	2.1	26
64	Prehistoric Environmental Change in Northern New Mexico: Evidence from a Gallina Phase Archaeological Site. Kiva, The, 1976, 41, 309-317.	0.5	25
65	Stable Isotopes Reveal Trophic Relationships and Diet of Consumers in Temperate Kelp Forest and Coral Reef Ecosystems. Oceanography, 2013, 26, 180-189.	1.0	25
66	High resolution topobathymetry using a Pleiades-1 triplet: Moorea Island in 3D. Remote Sensing of Environment, 2018, 208, 109-119.	11.0	25
67	Perceptions and responses of Pacific Island fishers to changing coral reefs. Ambio, 2020, 49, 130-143.	5.5	25
68	Studies on germination and root development in the surfgrass Phyllospadix torreyi: implications for habitat restoration. Aquatic Botany, 1998, 62, 71-80.	1.6	23
69	Coral Reef Monitoring by Scuba Divers Using Underwater Photogrammetry and Geodetic Surveying. Remote Sensing, 2020, 12, 3036.	4.0	23
70	Fluctuations in food supply drive recruitment variation in a marine fish. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4542-4550.	2.6	22
71	Sublethal toxicant effects with dynamic energy budget theory: application to mussel outplants. Ecotoxicology, 2010, 19, 38-47.	2.4	20
72	Triggers and maintenance of multiple shifts in the state of a natural community. Oecologia, 2010, 164, 489-498.	2.0	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. Frontiers in Marine Science, 2018, 5, .	2.5	18
74	Blade life span, structural investment, and nutrient allocation in giant kelp. Oecologia, 2016, 182, 397-404.	2.0	17
75	Maneuvering towards adaptive co-management in a coral reef fishery. Marine Policy, 2018, 98, 77-84.	3.2	17
76	Species diversity patterns in some present and prehistoric rodent communities. Oecologia, 1979, 44, 355-367.	2.0	16
77	Compensation in resource use by foragers released from interspecific competition. Journal of Experimental Marine Biology and Ecology, 1995, 185, 219-233.	1.5	16
78	Spatial patterns of selfâ€recruitment of a coral reef fish in relation to islandâ€scale retention mechanisms. Molecular Ecology, 2016, 25, 5203-5211.	3.9	16
79	Simulating social-ecological systems: the Island Digital Ecosystem Avatars (IDEA) consortium. GigaScience, 2016, 5, 14.	6.4	15
80	Declines in regional fish populations: have species responded similarly to environmental change?. Marine and Freshwater Research, 2002, 53, 189.	1.3	14
81	Isolation and characterization of eight polymorphic microsatellite markers from the orange-fin anemonefish, Amphiprion chrysopterus. Conservation Genetics Resources, 2009, 1, 333-335.	0.8	14
82	Stochastic density effects on adult fish survival and implications for population fluctuations. Ecology Letters, 2016, 19, 153-162.	6.4	14
83	Resilience: insights from the U.S. LongTerm Ecological Research Network. Ecosphere, 2021, 12, e03434.	2.2	11
84	Correlates of spatial variation in settlement of two tropical damselfishes. Marine and Freshwater Research, 2002, 53, 329.	1.3	10
85	Niche Complementarity and Resistance to Grazing Promote the Invasion Success of Sargassum horneri in North America. Diversity, 2020, 12, 54.	1.7	10
86	Evaluating the precariousness of coral recovery when coral and macroalgae are alternative basins of attraction. Limnology and Oceanography, 2022, 67, .	3.1	10
87	Spatial covariation in nutrient enrichment and fishing of herbivores in an oceanic coral reef ecosystem. Ecological Applications, 2022, 32, e2515.	3.8	9
88	Potential feedback between coral presence and farmerfish collective behavior promotes coral recovery. Oikos, 2019, 128, 482-492.	2.7	7
89	Environmental Reconstruction and the Abandonment of the Largo-Gallina Area, New Mexico. Journal of Field Archaeology, 1978, 5, 29-49.	1.3	6
90	Isolation and characterization of 13 polymorphic nuclear microsatellite primers for the widespread Indoâ€Pacific threeâ€spot damselfish, Dascyllus trimaculatus, and closely related D. auripinnis. Molecular Ecology Resources, 2009, 9, 213-215.	4.8	6

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91	Predicting coral community recovery using multiâ€species population dynamics models. Ecology Letters, 2019, 22, 605-615.	6.4	5
92	How do fisher responses to macroalgal overgrowth influence the resilience of coral reefs?. Limnology and Oceanography, 2022, 67, .	3.1	4
93	Longâ€term ecological research and the <scp>COVID</scp>â€19 anthropause: A window to understanding socialâ€“ecological disturbance. Ecosphere, 2022, 13, e4019.	2.2	4
94	Collective aggressiveness of an ecosystem engineer is associated with coral recovery. Behavioral Ecology, 2018, , .	2.2	2
95	Habitat-Limited Recruitment of Coral Reef Damselfish. Ecology, 2000, 81, 3479.	3.2	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, .	3.1	1