Sally J Holbrook

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Long-term ecological research and the COVID-19 anthropause: A window to understanding social-ecological disturbance.. *Ecosphere*, **2022**, 13, e4019	3.1	1
95	Resilience: insights from the U.S. LongTerm Ecological Research Network. *Ecosphere*, **2021**, 12, e03434	3.1	4
94	Landscape-scale patterns of nutrient enrichment in a coral reef ecosystem: implications for coral to algae phase shifts. *Ecological Applications*, **2021**, 31, e2227	4.9	19
93	Spatial co-variation in nutrient enrichment and fishing of herbivores in an oceanic coral reef ecosystem.. *Ecological Applications*, **2021**, e2515	4.9	0
92	Coral Microbiomes Demonstrate Flexibility and Resilience Through a Reduction in Community Diversity Following a Thermal Stress Event. *Frontiers in Ecology and Evolution*, **2020**, 8,	3.7	9
91	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	11.5	58
90	Niche Complementarity and Resistance to Grazing Promote the Invasion Success of Sargassum horneri in North America. *Diversity*, **2020**, 12, 54	2.5	7
89	Foundation species promote community stability by increasing diversity in a giant kelp forest. *Ecology*, **2020**, 101, e02987	4.6	23
88	Coral Reef Monitoring by Scuba Divers Using Underwater Photogrammetry and Geodetic Surveying. *Remote Sensing*, **2020**, 12, 3036	5	5
87	Perceptions and responses of Pacific Island fishers to changing coral reefs. *Ambio*, **2020**, 49, 130-143	6.5	14
86	Nitrogen Identity Drives Differential Impacts of Nutrients on Coral Bleaching and Mortality. *Ecosystems*, **2020**, 23, 798-811	3.9	34
85	Dietary partitioning promotes the coexistence of planktivorous species on coral reefs. *Molecular Ecology*, **2019**, 28, 2694-2710	5.7	19
84	Predicting coral community recovery using multi-species population dynamics models. *Ecology Letters*, **2019**, 22, 605-615	10	4
83	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	11.5	39
82	Potential feedback between coral presence and farmerfish collective behavior promotes coral recovery. *Oikos*, **2019**, 128, 482-492	4	4
81	High resolution topobathymetry using a Pleiades-1 triplet: Moorea Island in 3D. *Remote Sensing of Environment*, **2018**, 208, 109-119	13.2	18
80	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	3.1	34

79	Recruitment Drives Spatial Variation in Recovery Rates of Resilient Coral Reefs. *Scientific Reports*, **2018**, 8, 7338	4.9	61
78	Maneuvering towards adaptive co-management in a coral reef fishery. *Marine Policy*, **2018**, 98, 77-84	3.5	12
77	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,	4.5	9
76	Macroalgae size refuge from herbivory promotes alternative stable states on coral reefs. *PLoS ONE*, **2018**, 13, e0202273	3.7	14
75	Collective aggressiveness of an ecosystem engineer is associated with coral recovery. *Behavioral Ecology*, **2018**,	2.3	1
74	Predicting coral community recovery using multi-species population dynamics models. *Ecology Letters*, **2018**, 21, 1790-1799	10	32
73	Spatial patterns of self-recruitment of a coral reef fish in relation to island-scale retention mechanisms. *Molecular Ecology*, **2016**, 25, 5203-5211	5.7	11
72	Coral Reef Resilience, Tipping Points and the Strength of Herbivory. *Scientific Reports*, **2016**, 6, 35817	4.9	49
71	Blade life span, structural investment, and nutrient allocation in giant kelp. *Oecologia*, **2016**, 182, 397-404	2.9	6
70	Stochastic density effects on adult fish survival and implications for population fluctuations. *Ecology Letters*, **2016**, 19, 153-162	10	10
69	Response of herbivore functional groups to sequential perturbations in Moorea, French Polynesia. *Coral Reefs*, **2016**, 35, 999-1009	4.2	30
68	Complexities and Uncertainties in Transitioning Small-Scale Coral Reef Fisheries. *Frontiers in Marine Science*, **2016**, 3,	4.5	18
67	Simulating social-ecological systems: the Island Digital Ecosystem Avatars (IDEA) consortium. *GigaScience*, **2016**, 5, 14	7.6	7
66	Hydrodynamics influence coral performance through simultaneous direct and indirect effects. *Ecology*, **2015**, 96, 1540-1549	4.6	20
65	Reef fishes in biodiversity hotspots are at greatest risk from loss of coral species. *PLoS ONE*, **2015**, 10, e0124054	3.7	30
64	Range expansion of a non-native, invasive macroalga Sargassum horneri (Turner) C. Agardh, 1820 in the eastern Pacific. *BioInvasions Records*, **2015**, 4, 243-248	1.8	34
63	How will coral reef fish communities respond to climate-driven disturbances? Insight from landscape-scale perturbations. *Oecologia*, **2014**, 176, 285-96	2.9	36
62	Predation and landscape characteristics independently affect reef fish community organization. *Ecology*, **2014**, 95, 1294-307	4.6	28

61	The importance of progressive senescence in the biomass dynam of giant kelp (Macrocystis pyrifera). *Ecology*, **2013**, 94, 1848-58	4.6	23
60	Patterns and controls of the dynamics of net primary production by understory macroalgal assemblages in giant kelp forests. *Journal of Phycology*, **2013**, 49, 248-57	3	19
59	Stable Isotopes Reveal Trophic Relationships and Diet of Consumers in Temperate Kelp Forest and Coral Reef Ecosystems. *Oceanography*, **2013**, 26, 180-189	2.3	21
58	Biological and Physical Interactions on a Tropical Island Coral Reef: Transport and Retention Processes on Moorea, French Polynesia. *Oceanography*, **2013**, 26, 52-63	2.3	44
57	Fluctuations in food supply drive recruitment variation in a marine fish. *Proceedings of the Royal Society B: Biological Sciences*, **2012**, 279, 4542-50	4.4	17
56	Habitat biodiversity as a determinant of fish community structure on coral reefs. *Ecology*, **2011**, 92, 2285-98	4.8	102
55	Herbivory, connectivity, and ecosystem resilience: response of a coral reef to a large-scale perturbation. *PLoS ONE*, **2011**, 6, e23717	3.7	179
54	Climate-driven increases in storm frequency simplify kelp forest food webs. *Global Change Biology*, **2011**, 17, 2513-2524	11.4	134
53	Fish communities on staghorn coral: effects of habitat characteristics and resident farmerfishes. *Environmental Biology of Fishes*, **2011**, 91, 429-448	1.6	28
52	Indirect effects of species interactions on habitat provisioning. *Oecologia*, **2011**, 166, 739-49	2.9	25
51	Influence of corallivory, competition, and habitat structure on coral community shifts. *Ecology*, **2011**, 92, 1959-71	4.6	34
50	Analysis of abrupt transitions in ecological systems. *Ecosphere*, **2011**, 2, art129	3.1	196
49	Triggers and maintenance of multiple shifts in the state of a natural community. *Oecologia*, **2010**, 164, 489-98	2.9	18
48	Sublethal toxicant effects with dynamic energy budget theory: application to mussel outplants. *Ecotoxicology*, **2010**, 19, 38-47	2.9	20
47	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	1.6	29
46	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
45	Intraguild predation in a structured habitat: distinguishing multiple-predator effects from competitor effects. *Ecology*, **2009**, 90, 2434-43	4.6	24
44	Isolation and characterization of 13 polymorphic nuclear microsatellite primers for the widespread Indo-Pacific three-spot damselfish, Dascyllus trimaculatus, and closely related D. auripinnis. *Molecular Ecology Resources*, **2009**, 9, 213-5	8.4	5

43	Effects of sheltering fish on growth of their host corals. *Marine Biology*, **2008**, 155, 521-530	2.5	82
42	The scale and cause of spatial heterogeneity in strength of temporal density dependence. *Ecology*, **2007**, 88, 1241-9	4.6	38
41	Symbiotic crabs maintain coral health by clearing sediments. *Coral Reefs*, **2006**, 25, 609-615	4.2	83
40	POPULATION DYNAMICS OF A DAMSELFISH: EFFECTS OF A COMPETITOR THAT ALSO IS AN INDIRECT MUTUALIST. *Ecology*, **2004**, 85, 979-985	4.6	29
39	An Experimental Evaluation of Different Methods of Restoring Phyllospadix torreyi (Surfgrass). *Restoration Ecology*, **2004**, 12, 70-79	3.1	27
38	Spatial and temporal variation in mortality of newly settled damselfish: patterns, causes and co-variation with settlement. *Oecologia*, **2003**, 135, 532-41	2.9	36
37	Mutualism can mediate competition and promote coexistence. *Ecology Letters*, **2003**, 6, 898-902	10	65
36	Declines in regional fish populations: have species responded similarly to environmental change?. *Marine and Freshwater Research*, **2002**, 53, 189	2.2	12
35	Rethinking ecological inference: density dependence in reef fishes. *Ecology Letters*, **2002**, 5, 715-721	10	76
34	Variation in structural attributes of patch-forming corals and in patterns of abundance of associated fishes. *Marine and Freshwater Research*, **2002**, 53, 1045	2.2	56
33	Predictability of fish assemblages on coral patch reefs. *Marine and Freshwater Research*, **2002**, 53, 181	2.2	34
32	COMPETITION FOR SHELTER SPACE CAUSES DENSITY-DEPENDENT PREDATION MORTALITY IN DAMSELFISHES. *Ecology*, **2002**, 83, 2855-2868	4.6	269
31	Correlates of spatial variation in settlement of two tropical damselfishes. *Marine and Freshwater Research*, **2002**, 53, 329	2.2	7
30	COMPETITION FOR SHELTER SPACE CAUSES DENSITY-DEPENDENT PREDATION MORTALITY IN DAMSELFISHES **2002**, 83, 2855		1
29	Gene flow at three spatial scales in a coral reef fish, the three-spot dascyllus, Dascyllus trimaculatus. *Marine Biology*, **2001**, 138, 457-465	2.5	76
28	HABITAT-LIMITED RECRUITMENT OF CORAL REEF DAMSELFISH. *Ecology*, **2000**, 81, 3479-3494	4.6	56
27	HABITAT-LIMITED RECRUITMENT OF CORAL REEF DAMSELFISH **2000**, 81, 3479		2
26	MORTALITY OF JUVENILE DAMSELFISH: IMPLICATIONS FOR ASSESSING PROCESSES THAT DETERMINE ABUNDANCE. *Ecology*, **1999**, 80, 35-50	4.6	78

25	Settlement and recruitment of three damselfish species: larval delivery and competition for shelter space. *Oecologia*, **1999**, 118, 76-86	2.9	67
24	Studies on germination and root development in the surfgrass Phyllospadix torreyi: implications for habitat restoration. *Aquatic Botany*, **1998**, 62, 71-80	1.8	17
23	CHANGES IN AN ASSEMBLAGE OF TEMPERATE REEF FISHES ASSOCIATED WITH A CLIMATE SHIFT **1997**, 7, 1299-1310		124
22	Compensation in resource use by foragers released from interspecific competition. *Journal of Experimental Marine Biology and Ecology*, **1995**, 185, 219-233	2.1	15
21	Spatial and Temporal Patterns in Assemblages of Temperate Reef Fish. *American Zoologist*, **1994**, 34, 463-475		58
20	Causes and Consequences of Dietary Specialization in Surfperches: Patch Choice and Intraspecific Competition. *Ecology*, **1992**, 73, 402-412	4.6	72
19	Contrasting effects of giant kelp on dynamics of surfperch populations. *Oecologia*, **1990**, 84, 419-429	2.9	24
18	Population Responses of Surfperch Released from Competition. *Ecology*, **1990**, 71, 1653-1665	4.6	37
17	Temporally Concordant Structure of a Fish Assemblage: Bound or Determined?. *American Naturalist* , **1990**, 135, 63-73	3.7	20
16	Resource Overlap, Prey Dynamics, and The Strength of Competition. *Ecology*, **1989**, 70, 1943-1953	4.6	52
15	Effects of predation risk on foraging behavior: mechanisms altering patch choice. *Journal of Experimental Marine Biology and Ecology*, **1988**, 121, 151-163	2.1	33
14	The Combined Effects of Predation Risk and Food Reward on Patch Selection. *Ecology*, **1988**, 69, 125-134	4.6	121
13	Food acquisition by competing surfperch on a patchy environmental gradient. *Environmental Biology of Fishes*, **1986**, 16, 135-146	1.6	28
12	Seasonally fluctuating resources and temporal variability of interspecific competition. *Oecologia*, **1986**, 69, 1-11	2.9	47
11	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	2.1	69
10	Gape-limitation, foraging tactics and prey size selectivity of two microcarnivorous species of fish. *Oecologia*, **1984**, 63, 6-12	2.9	80
9	Experimental analyses of patch selection by foraging black surfperch (Embiotoca jacksoni Agazzi). *Journal of Experimental Marine Biology and Ecology*, **1984**, 79, 39-64	2.1	41
8	Aggregation and Abandonment at Grasshopper Pueblo, Arizona. *Journal of Field Archaeology*, **1982**, 9, 193-206	2	24

7	Species diversity patterns in some present and prehistoric rodent communities. *Oecologia*, **1979**, 44, 355-367	2.9	13
6	Habitat Utilization, Competitive Interactions, and Coexistence of three Species of Cricetine Rodents in East-Central Arizona. *Ecology*, **1979**, 60, 758-769	4.6	34
5	Environmental Reconstruction and the Abandonment of the Largo-Gallina Area, New Mexico. *Journal of Field Archaeology*, **1978**, 5, 29-49	2	6
4	Rodent Faunal Turnover and Prehistoric Community Stability in Northwestern New Mexico. *American Naturalist*, **1977**, 111, 1195-1208	3.7	25
3	Prehistoric Environmental Change in Northern New Mexico: Evidence from a Gallina Phase Archaeological Site. *Kiva, The*, **1976**, 41, 309-317	0.1	21
2	How do fisher responses to macroalgal overgrowth influence the resilience of coral reefs?. *Limnology and Oceanography*,	4.8	1
1	Evaluating the precariousness of coral recovery when coral and macroalgae are alternative basins of attraction. *Limnology and Oceanography*,	4.8	3