

Alan M Friedlander

List of Publications by Citations

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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.

117
papers

5,233
citations

36
h-index

70
g-index

131
ext. papers

6,462
ext. citations

5.6
avg, IF

5.63
L-index

#	Paper	IF	Citations
117	Baselines and degradation of coral reefs in the Northern Line Islands. <i>PLoS ONE</i> , 2008 , 3, e1548	3.7	585
116	Habitat characteristics affecting fish assemblages on a Hawaiian coral reef. <i>Journal of Experimental Marine Biology and Ecology</i> , 1998 , 224, 1-30	2.1	419
115	Functional over-redundancy and high functional vulnerability in global fish faunas on tropical reefs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 13757-62	11.5	279
114	Bright spots among the world's coral reefs. <i>Nature</i> , 2016 , 535, 416-9	50.4	275
113	The structure of Mediterranean rocky reef ecosystems across environmental and human gradients, and conservation implications. <i>PLoS ONE</i> , 2012 , 7, e32742	3.7	217
112	Recovery potential of the world's coral reef fishes. <i>Nature</i> , 2015 , 520, 341-4	50.4	212
111	Global biogeography of reef fishes: a hierarchical quantitative delineation of regions. <i>PLoS ONE</i> , 2013 , 8, e81847	3.7	141
110	Scale-dependent effects of habitat on movements and path structure of reef sharks at a predator-dominated atoll. <i>Ecology</i> , 2009 , 90, 996-1008	4.6	135
109	Protecting the global ocean for biodiversity, food and climate. <i>Nature</i> , 2021 , 592, 397-402	50.4	131
108	Evaluation of a conservation strategy: a spawning aggregation closure for red hind, <i>Epinephelus guttatus</i> , in the U.S. Virgin Islands. <i>Environmental Biology of Fishes</i> , 1999 , 55, 91-98	1.6	128
107	Near-island biological hotspots in barren ocean basins. <i>Nature Communications</i> , 2016 , 7, 10581	17.4	127
106	The Location and Protection Status of Earth's Diminishing Marine Wilderness. <i>Current Biology</i> , 2018 , 28, 2506-2512.e3	6.3	126
105	Using bathymetric lidar to define nearshore benthic habitat complexity: Implications for management of reef fish assemblages in Hawaii. <i>Remote Sensing of Environment</i> , 2008 , 112, 4159-4165	13.2	121
104	Long-term movement patterns and trophic ecology of blacktip reef sharks (<i>Carcharhinus melanopterus</i>) at Palmyra Atoll. <i>Journal of Experimental Marine Biology and Ecology</i> , 2010 , 386, 94-102	2.1	111
103	Gravity of human impacts mediates coral reef conservation gains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E6116-E6125	11.5	108
102	One size does not fit all: the emerging frontier in large-scale marine conservation. <i>Marine Pollution Bulletin</i> , 2013 , 77, 7-10	6.7	106
101	Small islands, valuable insights: systems of customary resource use and resilience to climate change in the Pacific. <i>Ecology and Society</i> , 2014 , 19,	4.1	93

100	Coupling ecology and GIS to evaluate efficacy of marine protected areas in Hawaii 2007 , 17, 715-30		83
99	Effects of isolation and fishing on the marine ecosystems of Easter Island and Salas y Gñez, Chile. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2013 , 23, 515-531	2.6	71
98	Marine protected area networks: assessing whether the whole is greater than the sum of its parts. <i>PLoS ONE</i> , 2014 , 9, e102298	3.7	64
97	Global mismatch between species richness and vulnerability of reef fish assemblages. <i>Ecology Letters</i> , 2014 , 17, 1101-10	10	62
96	From Reef to Table: Social and Ecological Factors Affecting Coral Reef Fisheries, Artisanal Seafood Supply Chains, and Seafood Security. <i>PLoS ONE</i> , 2015 , 10, e0123856	3.7	62
95	Fish with chips: tracking reef fish movements to evaluate size and connectivity of Caribbean marine protected areas. <i>PLoS ONE</i> , 2014 , 9, e96028	3.7	60
94	Marine communities on oil platforms in Gabon, West Africa: high biodiversity oases in a low biodiversity environment. <i>PLoS ONE</i> , 2014 , 9, e103709	3.7	60
93	Customary Marine Resource Knowledge and use in Contemporary Hawai'i <i>Pacific Science</i> , 2013 , 67, 441-460		58
92	Hawai'i Coral Reef Assessment and Monitoring Program: Spatial Patterns and Temporal Dynamics in Reef Coral Communities. <i>Pacific Science</i> , 2004 , 58, 159-174	0.9	57
91	Addressing Criticisms of Large-Scale Marine Protected Areas. <i>BioScience</i> , 2018 , 68, 359-370	5.7	53
90	Marine reserves lag behind wilderness in the conservation of key functional roles. <i>Nature Communications</i> , 2016 , 7, 12000	17.4	52
89	Temporal dynamics of fish communities on an exposed shoreline in Hawaii. <i>Environmental Biology of Fishes</i> , 1998 , 53, 1-18	1.6	45
88	Meeting fisheries, ecosystem function, and biodiversity goals in a human-dominated world. <i>Science</i> , 2020 , 368, 307-311	33.3	45
87	The real bounty: marine biodiversity in the Pitcairn Islands. <i>PLoS ONE</i> , 2014 , 9, e100142	3.7	42
86	Predator-induced demographic shifts in coral reef fish assemblages. <i>PLoS ONE</i> , 2011 , 6, e21062	3.7	39
85	Determining the Influence of Seascape Structure on Coral Reef Fishes in Hawaii Using a Geospatial Approach. <i>Marine Geodesy</i> , 2008 , 31, 246-266	1.2	38
84	Largest global shark biomass found in the northern Galápagos Islands of Darwin and Wolf. <i>PeerJ</i> , 2016 , 4, e1911	3.1	37
83	Marine conservation in Oceania: Past, present, and future. <i>Marine Pollution Bulletin</i> , 2018 , 135, 139-149	6.7	36

82	Activity seascapes highlight central place foraging strategies in marine predators that never stop swimming. <i>Movement Ecology</i> , 2018 , 6, 9	4.6	36
81	Advancing the integration of spatial data to map human and natural drivers on coral reefs. <i>PLoS ONE</i> , 2018 , 13, e0189792	3.7	34
80	A linked land-sea modeling framework to inform ridge-to-reef management in high oceanic islands. <i>PLoS ONE</i> , 2018 , 13, e0193230	3.7	33
79	A global network of marine protected areas for food. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 28134-28139	11.5	31
78	Marine Biodiversity in Juan Fernández and Desventuradas Islands, Chile: Global Endemism Hotspots. <i>PLoS ONE</i> , 2016 , 11, e0145059	3.7	31
77	Unexpected high vulnerability of functions in wilderness areas: evidence from coral reef fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016 , 283,	4.4	31
76	Parsing human and biophysical drivers of coral reef regimes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20182544	4.4	30
75	The Moku System: Managing Biocultural Resources for Abundance within Social-Ecological Regions in Hawai'i. <i>Sustainability</i> , 2018 , 10, 3554	3.6	27
74	Size, age, and habitat determine effectiveness of Palau's Marine Protected Areas. <i>PLoS ONE</i> , 2017 , 12, e0174787	3.7	26
73	The MPA Guide: A framework to achieve global goals for the ocean. <i>Science</i> , 2021 , 373, eabf0861	33.3	26
72	Seascape models reveal places to focus coastal fisheries management 2018 , 28, 910-925		25
71	A seascape approach to investigating fish spillover across a marine protected area boundary in Hawai'i. <i>Fisheries Research</i> , 2013 , 144, 2-14	2.3	25
70	Co-operation between large-scale MPAs: successful experiences from the Pacific Ocean. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016 , 26, 126-141	2.6	23
69	Papahānaumokuākea: Integrating Culture in the Design and Management of one of the World's Largest Marine Protected Areas. <i>Coastal Management</i> , 2017 , 45, 436-451	3.3	23
68	So Long and Thanks for All the Fish: Overexploitation of the Regionally Endemic Galapagos Grouper <i>Mycteroperca olfax</i> (Jenyns, 1840). <i>PLoS ONE</i> , 2016 , 11, e0165167	3.7	22
67	The origins of ambient biological sound from coral reef ecosystems in the Line Islands archipelago. <i>Journal of the Acoustical Society of America</i> , 2014 , 135, 1775-88	2.2	21
66	Spatial separation without territoriality in shark communities. <i>Oikos</i> , 2018 , 127, 767-779	4	21
65	Kelp forests at the end of the earth: 45 years later. <i>PLoS ONE</i> , 2020 , 15, e0229259	3.7	19

64	Combining fish and benthic communities into multiple regimes reveals complex reef dynamics. <i>Scientific Reports</i> , 2018 , 8, 16943	4.9	19
63	Contrasts in the marine ecosystem of two Macaronesian islands: A comparison between the remote Selvagens Reserve and Madeira Island. <i>PLoS ONE</i> , 2017 , 12, e0187935	3.7	18
62	Human-induced gradients of reef fish declines in the Hawaiian Archipelago viewed through the lens of traditional management boundaries. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018 , 28, 146-157	2.6	18
61	Marine biodiversity at the end of the world: Cape Horn and Diego Ramírez islands. <i>PLoS ONE</i> , 2018 , 13, e0189930	3.7	18
60	Remote sensing of three-dimensional coral reef structure enhances predictive modeling of fish assemblages. <i>Remote Sensing in Ecology and Conservation</i> , 2019 , 5, 150-159	5.3	17
59	Understanding the scale of Marine protection in Hawai'i: from community-based management to the remote Northwestern Hawaiian Islands. <i>Advances in Marine Biology</i> , 2014 , 69, 153-203	2.1	16
58	Management implications of juvenile reef fish habitat preferences and coral susceptibility to stressors. <i>Marine and Freshwater Research</i> , 2010 , 61, 532	2.2	16
57	Estimating nearshore coral reef-associated fisheries production from the main Hawaiian Islands. <i>PLoS ONE</i> , 2018 , 13, e0195840	3.7	16
56	Coral reef grazer-benthos dynamics complicated by invasive algae in a small marine reserve. <i>Scientific Reports</i> , 2017 , 7, 43819	4.9	15
55	Building Coral Reef Resilience Through Spatial Herbivore Management. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	15
54	Movement patterns of reef predators in a small isolated marine protected area with implications for resource management. <i>Marine Biology</i> , 2017 , 164, 1	2.5	14
53	Spatial and temporal characteristics of grouper spawning aggregations in marine protected areas in Palau, western Micronesia. <i>Estuarine, Coastal and Shelf Science</i> , 2011 , 92, 223-231	2.9	14
52	The structure and diversity of freshwater diatom assemblages from Franz Josef Land Archipelago: a northern outpost for freshwater diatoms. <i>PeerJ</i> , 2016 , 4, e1705	3.1	14
51	Factors Influencing Postrelease Predation for a Catch-And-Release Tropical Flats Fishery with a High Predator Burden. <i>North American Journal of Fisheries Management</i> , 2017 , 37, 1045-1053	1.1	13
50	Coexistence of low coral cover and high fish biomass at Farquhar Atoll, Seychelles. <i>PLoS ONE</i> , 2014 , 9, e87359	3.7	12
49	Patterns in artisanal coral reef fisheries revealed through local monitoring efforts. <i>PeerJ</i> , 2017 , 5, e40893.1	3.1	11
48	Demographic patterns in the peacock grouper (<i>Cephalopholis argus</i>), an introduced Hawaiian reef fish. <i>Environmental Biology of Fishes</i> , 2013 , 96, 981-994	1.6	10
47	Patterns in Bathyal Demersal Biodiversity and Community Composition Around Archipelagos in the Tropical Eastern Pacific. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	10

46	Improved estimates of age, growth and reproduction for the regionally endemic Galapagos sailfin grouper <i>Mycteroperca olfax</i> (Jenyns, 1840). <i>PeerJ</i> , 2015 , 3, e1270	3.1	10
45	Marine biodiversity from zero to a thousand meters at Clipperton Atoll (Île de La Passion), Tropical Eastern Pacific. <i>PeerJ</i> , 2019 , 7, e7279	3.1	9
44	Predator biomass, prey density, and species composition effects on group size in recruit coral reef fishes. <i>Marine Biology</i> , 2011 , 158, 2437-2447	2.5	9
43	Coral Reefs of the High Seas: Hidden Biodiversity Hotspots in Need of Protection. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	9
42	Place-based management can reduce human impacts on coral reefs in a changing climate. <i>Ecological Applications</i> , 2019 , 29, e01891	4.9	8
41	A perspective on the management of coral reef fisheries 208-214		8
40	Ecology and niche specialization of two bonefish species in Hawaiï <i>Environmental Biology of Fishes</i> , 2015 , 98, 2159-2171	1.6	7
39	Collaborative Approach to Fisheries Management as a Way to Increase the Effectiveness of Future Regulations in the Galapagos Archipelago. <i>Social and Ecological Interactions in the Galapagos Islands</i> , 2014 , 187-202	0.2	7
38	Characteristics of effective marine protected areas in Hawaiï. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019 , 29, 103-117	2.6	7
37	Variability in coral reef fish baseline and benchmark biomass in the central and western Indian Ocean provinces. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021 , 31, 28-42	2.6	7
36	Fisheries science and marine education catalyze the renaissance of traditional management (rahui) to improve an artisanal fishery in French Polynesia. <i>Marine Policy</i> , 2021 , 123, 104291	3.5	7
35	Displacement effects of heavy human use on coral reef predators within the Molokini Marine Life Conservation District. <i>Marine Pollution Bulletin</i> , 2017 , 121, 274-281	6.7	6
34	Investigating the Role of Fish and Fishing in Sharing Networks to Build Resilience in Coral Reef Social-Ecological Systems. <i>Coastal Management</i> , 2020 , 48, 165-187	3.3	6
33	Effects of herbivores, wave exposure and depth on benthic coral communities of the Easter Island ecoregion. <i>Marine and Freshwater Research</i> , 2018 , 69, 997	2.2	6
32	Influences of wind-wave exposure on the distribution and density of recruit reef fishes at Kure and Pearl and Hermes Atolls, Northwestern Hawaiian Islands. <i>Environmental Biology of Fishes</i> , 2009 , 85, 319-332	1.6	6
31	Franz Josef Land: extreme northern outpost for Arctic fishes. <i>PeerJ</i> , 2014 , 2, e692	3.1	6
30	Spatial patterns of continental shelf faunal community structure along the Western Antarctic Peninsula. <i>PLoS ONE</i> , 2020 , 15, e0239895	3.7	6
29	Progress, opportunities and challenges for marine conservation in the Pacific Islands. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021 , 31, 221-231	2.6	6

28	Spatial and seasonal differences in the top predators of Easter Island: Essential data for implementing the new Rapa Nui multiple-uses marine protected area. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019 , 29, 118-129	2.6	5
27	Ecosystem effects of fishing & El Niño at the Galápagos Marine Reserve. <i>PeerJ</i> , 2019 , 7, e6878	3.1	5
26	The spawning migrations of an exploited Albulid in the tropical Pacific: implications for conservation and community-based management. <i>Environmental Biology of Fishes</i> , 2020 , 103, 1013-1031	1.6	5
25	A closer examination of the 'abundant centre' hypothesis for reef fishes. <i>Journal of Biogeography</i> , 2020 , 47, 2194-2209	4.1	5
24	The Salas y Gómez and Nazca ridges: A review of the importance, opportunities and challenges for protecting a global diversity hotspot on the high seas. <i>Marine Policy</i> , 2021 , 126, 104377	3.5	5
23	Effects of Gear Restriction on the Abundance of Juvenile Fishes along Sandy Beaches in Hawai'i. <i>PLoS ONE</i> , 2016 , 11, e0155221	3.7	5
22	Flight behavior of targeted fishes depends on variables other than fishing. <i>Ecological Indicators</i> , 2019 , 96, 579-590	5.8	5
21	One of the least disturbed marine coastal ecosystems on Earth: Spatial and temporal persistence of Darwin's sub-Antarctic giant kelp forests. <i>Journal of Biogeography</i> , 2021 , 48, 2562-2577	4.1	5
20	Movements of juvenile yellowfin tuna (<i>Thunnus albacares</i>) within the coastal FAD network adjacent to the Palau National Marine Sanctuary: Implications for local fisheries development. <i>Fisheries Research</i> , 2020 , 230, 105688	2.3	4
19	Marine communities of the newly created Kawşqar National Reserve, Chile: From glaciers to the Pacific Ocean. <i>PLoS ONE</i> , 2021 , 16, e0249413	3.7	4
18	Deep-sea biodiversity at the extremes of the Salas y Gómez and Nazca ridges with implications for conservation. <i>PLoS ONE</i> , 2021 , 16, e0253213	3.7	4
17	Policy interactions in large-scale marine protected areas. <i>Conservation Letters</i> , 2021 , 14, e12753	6.9	4
16	Summary of South American records of the smalltooth sand tiger shark <i>Odontaspis ferox</i> (Chondrichthyes: Odontaspidae), with the first record from Chilean waters. <i>Marine Biodiversity Records</i> , 2014 , 7,	2	3
15	Best-practice fisheries management associated with reduced stocks and changes in life histories. <i>Fish and Fisheries</i> ,	6	3
14	Incorporating reef fish avoidance behavior improves accuracy of species distribution models. <i>PeerJ</i> , 2020 , 8, e9246	3.1	2
13	Dominance of endemics in the reef fish assemblages of the Hawaiian Archipelago. <i>Journal of Biogeography</i> , 2020 , 47, 2584-2596	4.1	2
12	Recruitment dynamics and fishery characteristics of juvenile goatfishes <i>Mulloidichthys</i> spp. in Hawai'i. <i>Journal of Fish Biology</i> , 2019 , 95, 1086-1093	1.9	1
11	Human at the top of the food web: are coastal benthic communities at Rapa Nui affected by fishing?. <i>Environmental Biology of Fishes</i> , 2021 , 104, 1433	1.6	1

10	Reply to Ovando et al.: How connected are global fisheries?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	1
9	Spatial Variation in Pelagic Wildlife Assemblages in the Ascension Island Marine Protected Area: Implications for Monitoring and Management. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	1
8	The Hawaiian Archipelago 2019 , 713-741		1
7	Residential movements of top predators in Chile's most isolated marine protected area: Implications for the conservation of the Galapagos shark, <i>Carcharhinus galapagensis</i> , and the yellowtail amberjack, <i>Seriola lalandi</i> . <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021 , 31, 340-355	2.6	1
6	Assessing Assemblage Composition of Reproductively Mature Resource Fishes at a Community Based Subsistence Fishing Area (CBSFA). <i>Diversity</i> , 2021 , 13, 114	2.5	0
5	Effects of habitat, fishing, and fisheries management on reef fish populations in Palau. <i>Fisheries Research</i> , 2021 , 241, 105996	2.3	0
4	Assemblage structure and spatial diversity patterns of kelp forest-associated fishes in Southern Patagonia. <i>PLoS ONE</i> , 2021 , 16, e0257662	3.7	0
3	Recent shallow water foraminifera from the Selvagens Islands (Northeast Atlantic) - Assemblage composition and biogeographic significance. <i>Estuarine, Coastal and Shelf Science</i> , 2022 , 264, 107671	2.9	
2	Reply to Hilborn: We agree that MPAs can improve fish catch in the South and Southeast Asia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	
1	Advances in science for ecology and sustainable management of oceanic islands. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021 , 31, 219-220	2.6	