

Jean-Paul A Hobbs

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

6,786
citations

147566

31
h-index

66788

78
g-index

106
all docs

106
docs citations

106
times ranked

6451
citing authors

#	ARTICLE	IF	CITATIONS
1	Global warming and recurrent mass bleaching of corals. <i>Nature</i> , 2017, 543, 373-377.	13.7	2,363
2	Spatial and temporal patterns of mass bleaching of corals in the Anthropocene. <i>Science</i> , 2018, 359, 80-83.	6.0	1,515
3	Social environmental drivers inform strategic management of coral reefs in the Anthropocene. <i>Nature Ecology and Evolution</i> , 2019, 3, 1341-1350.	3.4	175
4	A review of contemporary patterns of endemism for shallow water reef fauna in the Red Sea. <i>Journal of Biogeography</i> , 2016, 43, 423-439.	1.4	150
5	On the origin of endemic species in the Red Sea. <i>Journal of Biogeography</i> , 2016, 43, 13-30.	1.4	133
6	Marine hybrid hotspot at Indo-Pacific biogeographic border. <i>Biology Letters</i> , 2009, 5, 258-261.	1.0	107
7	A critical analysis of the direct effects of dredging on fish. <i>Fish and Fisheries</i> , 2017, 18, 967-985.	2.7	99
8	Recent Advances in Understanding the Effects of Climate Change on Coral Reefs. <i>Diversity</i> , 2016, 8, 12.	0.7	98
9	Reassessing the trophic role of reef sharks as apex predators on coral reefs. <i>Coral Reefs</i> , 2016, 35, 459-472.	0.9	83
10	Aromatase pathway mediates sex change in each direction. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 1399-1405.	1.2	78
11	When biogeographical provinces collide: hybridization of reef fishes at the crossroads of marine biogeographical provinces in the Arabian Sea. <i>Journal of Biogeography</i> , 2015, 42, 1601-1614.	1.4	74
12	Intraspecific competition controls spatial distribution and social organisation of the coral-dwelling goby <i>Gobiodon histrio</i> . <i>Marine Ecology - Progress Series</i> , 2004, 278, 253-259.	0.9	62
13	Reef fish hybridization: lessons learnt from butterflyfishes (genus <i>Chaetodon</i>). <i>Ecology and Evolution</i> , 2012, 2, 310-328.	0.8	59
14	Hybridisation on coral reefs and the conservation of evolutionary novelty. <i>Environmental Epigenetics</i> , 2015, 61, 132-145.	0.9	59
15	Social induction of maturation and sex determination in a coral reef fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 2109-2114.	1.2	57
16	The state of Western Australia's coral reefs. <i>Coral Reefs</i> , 2019, 38, 651-667.	0.9	56
17	Rarity and extinction risk in coral reef angelfishes on isolated islands: interrelationships among abundance, geographic range size and specialisation. <i>Coral Reefs</i> , 2010, 29, 1-11.	0.9	53
18	Taxonomic, Spatial and Temporal Patterns of Bleaching in Anemones Inhabited by Anemonefishes. <i>PLoS ONE</i> , 2013, 8, e70966.	1.1	53

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19	Does genetic distance between parental species influence outcomes of hybridization among coral reef butterflyfishes?. <i>Molecular Ecology</i> , 2014, 23, 2757-2770.	2.0	50
20	Coward or braveheart: extreme habitat fidelity through hypoxia tolerance in a coral-dwelling goby. <i>Journal of Experimental Biology</i> , 2004, 207, 33-39.	0.8	46
21	Hybridization of reef fishes at the Indo-Pacific biogeographic barrier: a case study. <i>Coral Reefs</i> , 2007, 26, 841-850.	0.9	45
22	The economic contribution of the muck dive industry to tourism in Southeast Asia. <i>Marine Policy</i> , 2017, 83, 92-99.	1.5	45
23	Synchronous behavioural shifts in reef fishes linked to mass coral bleaching. <i>Nature Climate Change</i> , 2018, 8, 986-991.	8.1	44
24	Effects of Spearfishing on Reef Fish Populations in a Multi-Use Conservation Area. <i>PLoS ONE</i> , 2012, 7, e51938.	1.1	44
25	Gradients of disturbance and environmental conditions shape coral community structure for south-eastern Indian Ocean reefs. <i>Diversity and Distributions</i> , 2018, 24, 605-620.	1.9	43
26	Increased seawater temperature and decreased dissolved oxygen triggers fish kill at the Cocos (Keeling) Islands, Indian Ocean. <i>Journal of Fish Biology</i> , 2010, 77, 1219-1229.	0.7	40
27	Photographic identification based on unique, polymorphic colour patterns: A novel method for tracking a marine crustacean. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 351, 294-299.	0.7	37
28	The importance of ecological and behavioural data in studies of hybridisation among marine fishes. <i>Reviews in Fish Biology and Fisheries</i> , 2016, 26, 181-198.	2.4	37
29	Key aspects of the biology, fisheries and management of Coral grouper. <i>Reviews in Fish Biology and Fisheries</i> , 2016, 26, 303-325.	2.4	36
30	Dynamic Stability of Coral Reefs on the West Australian Coast. <i>PLoS ONE</i> , 2013, 8, e69863.	1.1	36
31	Phylogeography, population structure and evolution of coral-eating butterflyfishes (Family Tj ETQq1 1 0.784314 rgBT /Overlock 10 Biogeography, 2016, 43, 1116-1129.	1.4	35
32	Extinction Risk in Endemic Marine Fishes. <i>Conservation Biology</i> , 2011, 25, 1053-1055.	2.4	34
33	Tribute to P. L. Lutz: respiratory ecophysiology of coral-reef teleosts. <i>Journal of Experimental Biology</i> , 2007, 210, 1673-1686.	0.8	32
34	A quantitative comparison of recreational spearfishing and linefishing on the Great Barrier Reef: implications for management of multi-sector coral reef fisheries. <i>Coral Reefs</i> , 2008, 27, 85-95.	0.9	32
35	Cohabitation promotes high diversity of clownfishes in the Coral Triangle. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160277.	1.2	31
36	Biogeography and the structure of coral reef fish communities on isolated islands. <i>Journal of Biogeography</i> , 2012, 39, 130-139.	1.4	30

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37	High Genetic Diversity in Geographically Remote Populations of Endemic and Widespread Coral Reef Angelfishes (genus: <i>Centropyge</i>). <i>Diversity</i> , 2013, 5, 39-50.	0.7	29
38	Surgeons and suture zones: Hybridization among four surgeonfish species in the Indo-Pacific with variable evolutionary outcomes. <i>Molecular Phylogenetics and Evolution</i> , 2016, 101, 203-215.	1.2	29
39	Selective Impact of Disease on Coral Communities: Outbreak of White Syndrome Causes Significant Total Mortality of <i>Acropora</i> Plate Corals. <i>PLoS ONE</i> , 2015, 10, e0132528.	1.1	29
40	Coral disease in the Indian Ocean: taxonomic susceptibility, spatial distribution and the role of host density on the prevalence of white syndrome. <i>Diseases of Aquatic Organisms</i> , 2010, 89, 1-8.	0.5	28
41	Genomic signatures of local adaptation reveal source-sink dynamics in a high gene flow fish species. <i>Scientific Reports</i> , 2017, 7, 8618.	1.6	28
42	The effects of clove oil on coral: An experimental evaluation using <i>Pocillopora damicornis</i> (Linnaeus). <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 345, 101-109.	0.7	26
43	Hypoxia tolerance and air-breathing ability correlate with habitat preference in coral-dwelling fishes. <i>Coral Reefs</i> , 2007, 26, 241-248.	0.9	23
44	Historic hybridization and introgression between two iconic Australian anemonefish and contemporary patterns of population connectivity. <i>Ecology and Evolution</i> , 2012, 2, 1592-1604.	0.8	23
45	Distributional responses to marine heat waves: insights from length frequencies across the geographic range of the endemic reef fish <i>Choerodon rubescens</i> . <i>Marine Biology</i> , 2018, 165, 1.	0.7	22
46	Unusual weather and trapped coral spawn lead to fish kill at a remote coral atoll. <i>Coral Reefs</i> , 2012, 31, 961-961.	0.9	21
47	High recruitment associated with increased sea temperatures towards the southern range edge of a Western Australian endemic reef fish <i>Choerodon rubescens</i> (family Labridae). <i>Environmental Biology of Fishes</i> , 2015, 98, 1059-1067.	0.4	21
48	Abundance, diversity, and feeding behavior of coral reef butterflyfishes at Lord Howe Island. <i>Ecology and Evolution</i> , 2014, 4, 3612-3625.	0.8	20
49	Anemonefish depletion reduces survival, growth, reproduction and fishery productivity of mutualistic anemonefish colonies. <i>Coral Reefs</i> , 2016, 35, 375-386.	0.9	20
50	Genetic Connectivity among and Self-Replenishment within Island Populations of a Restricted Range Subtropical Reef Fish. <i>PLoS ONE</i> , 2012, 7, e49660.	1.1	19
51	Comparative phylogeography of reef fishes from the Gulf of Aden to the Arabian Sea reveals two cryptic lineages. <i>Coral Reefs</i> , 2017, 36, 625-638.	0.9	19
52	Long-term retention of internal elastomer tags in a wild population of painted crayfish (<i>Panulirus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2006, 339, 104-110.	0.7	18
53	Management strategies to minimize the dredging impacts of coastal development on fish and fisheries. <i>Conservation Letters</i> , 2018, 11, e12572.	2.8	18
54	Angels in disguise: sympatric hybridization in the marine angelfishes is widespread and occurs between deeply divergent lineages. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201459.	1.2	18

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55	Cohabitation of Indian and Pacific Ocean species at Christmas and Cocos (Keeling) Islands. <i>Coral Reefs</i> , 2008, 27, 933-933.	0.9	17
56	Angelfishes, Paper Tigers, and the Devilish Taxonomy of the <i>Centropyge flavissima</i> Complex. <i>Journal of Heredity</i> , 2016, 107, 647-653.	1.0	17
57	Hybridisation Among Butterflyfishes. , 2013, , 48-69.		17
58	Population genomic response to geographic gradients by widespread and endemic fishes of the Arabian Peninsula. <i>Ecology and Evolution</i> , 2020, 10, 4314-4330.	0.8	16
59	Effects of autotomy on long-term survival and growth of painted spiny lobster (<i>Panulirus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.7	15
60	Limited contemporary gene flow and high self-replenishment drives peripheral isolation in an endemic coral reef fish. <i>Ecology and Evolution</i> , 2013, 3, 1653-1666.	0.8	14
61	New range and habitat records for threatened Australian sea snakes raise challenges for conservation. <i>Biological Conservation</i> , 2016, 194, 66-70.	1.9	14
62	Predicting Coral Species Richness: The Effect of Input Variables, Diversity and Scale. <i>PLoS ONE</i> , 2014, 9, e83965.	1.1	14
63	Long-Distance Oceanic Movement of a Solitary Dugong (<l>Dugong dugon</l>) to the Cocos (Keeling) Islands. <i>Aquatic Mammals</i> , 2007, 33, 175-178.	0.4	14
64	Seasonal aggregation of juvenile whale sharks (<i>Rhincodon</i> Âtypus) at Christmas Island, Indian Ocean. <i>Coral Reefs</i> , 2009, 28, 577-577.	0.9	13
65	Biofluorescence as a survey tool for cryptic marine species. <i>Conservation Biology</i> , 2018, 32, 706-715.	2.4	13
66	New records of marine fishes illustrate the biogeographic importance of Christmas Island, Indian Ocean. <i>Zootaxa</i> , 2010, 2422, .	0.2	13
67	Hybridisation and the evolution of coral reef biodiversity. <i>Coral Reefs</i> , 2022, 41, 535-549.	0.9	13
68	Hybridisation among groupers (genus <i>Cephalopholis</i>) at the eastern Indian Ocean suture zone: taxonomic and evolutionary implications. <i>Coral Reefs</i> , 2016, 35, 1157-1169.	0.9	12
69	Population connectivity and the effectiveness of marine protected areas to protect vulnerable, exploited and endemic coral reef fishes at an endemic hotspot. <i>Coral Reefs</i> , 2015, 34, 393-402.	0.9	11
70	An examination of introgression and incomplete lineage sorting among three closely related species of chocolate-dipped damselfish (genus: <i>Chromis</i>). <i>Ecology and Evolution</i> , 2019, 9, 5468-5478.	0.8	11
71	In vitro hybridization of coral trouts, <i>Plectropomus leopardus</i> (LacepÃ"de, 1802) and <i>Plectropomus maculatus</i> (Bloch, 1790): a preliminary investigation. <i>Aquaculture Research</i> , 2007, 38, 215-218.	0.9	10
72	Habitat Selectivity and Reliance on Live Corals for Indo-Pacific Hawkfishes (Family: Cirrhitidae). <i>PLoS ONE</i> , 2015, 10, e0138136.	1.1	10

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73	New precise dates for the ancient and sacred coral pyramidal tombs of <i>Leluh</i> (Kosrae). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>	4.7	10
74	Geography and island geomorphology shape fish assemblage structure on isolated coral reef systems. <i>Ecology and Evolution</i> , 2018, 8, 6242-6252.	0.8	10
75	Regional <i>versus</i> latitudinal variation in the life-history traits and demographic rates of a reef fish, <i>Centropyge bispinosa</i> , in the Coral Sea and Great Barrier Reef Marine Parks, Australia. <i>Journal of Fish Biology</i> , 2021, 99, 1602-1612.	0.7	10
76	Evaluating the effectiveness of teeth and dorsal fin spines for non-lethal age estimation of a tropical reef fish, coral trout <i>Plectropomus leopardus</i> . <i>Journal of Fish Biology</i> , 2014, 84, 328-338.	0.7	9
77	Distinct patterns of hybridization across a suture zone in a coral reef fish (<i>Dascyllus</i>). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>	0.8	9
78	Spatiotemporal patterns of abundance and ecological requirements of a labrid's juveniles reveal conditions for establishment success and range shift capacity. <i>Journal of Experimental Marine Biology and Ecology</i> , 2018, 500, 34-45.	0.7	8
79	Ice ages and butterflyfishes: Phylogenomics elucidates the ecological and evolutionary history of reef fishes in an endemism hotspot. <i>Ecology and Evolution</i> , 2018, 8, 10989-11008.	0.8	8
80	Comparative phylogeography of three host sea anemones in the Indo-Pacific. <i>Journal of Biogeography</i> , 2020, 47, 487-500.	1.4	8
81	Species integrity, introgression, and genetic variation across a coral reef fish hybrid zone. <i>Ecology and Evolution</i> , 2020, 10, 11998-12014.	0.8	8
82	Severe loss of anemones and anemonefishes from a premier tourist attraction at the Houtman Abrolhos Islands, Western Australia. <i>Marine Biodiversity</i> , 2015, 45, 143-144.	0.3	7
83	Genetic connectivity and self-replenishment of inshore and offshore populations of the endemic anemonefish, <i>Amphiprion latezonatus</i> . <i>Coral Reefs</i> , 2016, 35, 959-970.	0.9	7
84	Recovery potential of mutualistic anemone and anemonefish populations. <i>Fisheries Research</i> , 2019, 218, 1-9.	0.9	7
85	Naturally occurring hybrids of coral reef butterflyfishes have similar fitness compared to parental species. <i>PLoS ONE</i> , 2017, 12, e0173212.	1.1	7
86	Unique fish assemblages at world's southernmost oceanic coral reefs, Elizabeth and Middleton Reefs, Tasman Sea, Australia. <i>Coral Reefs</i> , 2008, 27, 15-15.	0.9	5
87	A glaring omission in Australia's marine conservation planning. <i>Marine Policy</i> , 2014, 44, 149-151.	1.5	5
88	Response to Delrieu-Trottin et al.: Hybrids, Color Variants and the Consistently Devilish Taxonomy of Pygmy Angelfishes. <i>Journal of Heredity</i> , 2017, 108, 337-339.	1.0	5
89	Do ecological traits of low abundance and niche overlap promote hybridisation among coral-reef angelfishes?. <i>Coral Reefs</i> , 2019, 38, 931-943.	0.9	5
90	Obligate corallivorous filefish (<i>Oxymonacanthus longirostris</i>) switches diet from <i>Acropora</i> to <i>Pocillopora</i> corals following habitat loss. <i>Marine Biodiversity</i> , 2013, 43, 175-176.	0.3	4

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91	Stars and stripes: biofluorescent lures in the striated frogfish indicate role in aggressive mimicry. <i>Coral Reefs</i> , 2016, 35, 1171-1171.	0.9	4
92	Identification of twenty one microsatellite loci for conservation genetic studies of the endemic butterflyfish <i>Chaetodon tricinctus</i> . <i>Conservation Genetics Resources</i> , 2012, 4, 243-246.	0.4	3
93	Identification of seventeen microsatellite markers for conservation genetic studies of the endemic anemonefish, <i>Amphiprion mccullochi</i> . <i>Conservation Genetics Resources</i> , 2012, 4, 247-250.	0.4	3
94	Identification of seventeen microsatellite loci for conservation genetic studies of the endemic wrasse <i>Coris bulbifrons</i> . <i>Conservation Genetics Resources</i> , 2013, 5, 363-366.	0.4	3
95	Characterization of 22 microsatellite loci for conservation genetic studies of an endemic anemonefish, <i>Amphiprion latezonatus</i> . <i>Conservation Genetics Resources</i> , 2015, 7, 95-97.	0.4	3
96	Prehistoric Pacific Island kings entombed in truncated coral pyramids. <i>Coral Reefs</i> , 2011, 30, 737-737.	0.9	2
97	Keep your friends close and your anemones closer – ecology of the endemic wideband anemonefish, <i>Amphiprion latezonatus</i> . <i>Environmental Biology of Fishes</i> , 2020, 103, 1513-1526.	0.4	2
98	Demography, fishery yield and potential management strategies of painted spiny lobster (<i>Panulirus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 63, 387.	0.7	1
99	Isolation and characterization of twenty microsatellite markers for the study of hybridization in butterflyfish of the genus <i>Chaetodon</i> . <i>Conservation Genetics Resources</i> , 2013, 5, 783-786.	0.4	1
100	Darwin's atolls revisited: lagoon infilling and closure has ecological consequences to North Keeling Atoll. <i>Marine Biodiversity</i> , 2016, 46, 21-22.	0.3	1
101	Unusual behavior and habitat use of a solitary male dugong inhabiting coral reefs at the Cocos (Keeling) Islands. <i>Marine Biodiversity</i> , 2016, 46, 31-32.	0.3	1
102	Widespread low abundance despite habitat availability elevates extinction risk in pygmy seahorses. <i>Coral Reefs</i> , 2020, 39, 847-852.	0.9	1
103	Growth patterns of specialized reef fishes distributed across the Red Sea to Gulf of Aden. <i>Environmental Biology of Fishes</i> , 2021, 104, 967-976.	0.4	1
104	Diversity on the edge: non-linear patterns of coral community structure at an isolated oceanic island. <i>Marine Ecology - Progress Series</i> , 2016, 546, 61-74.	0.9	1