

Peter F Cowman

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

3,161
citations

218381

26
h-index

253896

43
g-index

49
all docs

49
docs citations

49
times ranked

4078
citing authors

#	ARTICLE	IF	CITATIONS
1	Solving the Coral Species Delimitation Conundrum. <i>Systematic Biology</i> , 2022, 71, 461-475.	2.7	16
2	Prolonged morphological expansion of spiny-rayed fishes following the end-Cretaceous. <i>Nature Ecology and Evolution</i> , 2022, 6, 1211-1220.	3.4	39
3	Phylogenomics, Origin, and Diversification of Anthozoans (Phylum Cnidaria). <i>Systematic Biology</i> , 2021, 70, 635-647.	2.7	74
4	Phylogenomic Analysis of Concatenated Ultraconserved Elements Reveals the Recent Evolutionary Radiation of the Fairy Wrasses (Teleostei: Labridae: <i>Cirrhilabrus</i>). <i>Systematic Biology</i> , 2021, 71, 1-12.	2.7	12
5	Planktivores as trophic drivers of global coral reef fish diversity patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	25
6	Drivers of eyespot evolution in coral reef fishes. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 903-914.	1.1	5
7	Types, topotypes and vouchers are the key to progress in coral taxonomy: Comment on Wepfer et al. (2020). <i>Molecular Phylogenetics and Evolution</i> , 2021, 159, 107104.	1.2	9
8	The influence of habitat association on swimming performance in marine teleost fish larvae. <i>Fish and Fisheries</i> , 2021, 22, 1187-1212.	2.7	13
9	Biogeography, reproductive biology and phylogenetic divergence within the Fungiidae (mushroom) Tj ETQq1 1 0.784314 rgBJ /Overlo	1.2	7
10	Body size determines eyespot size and presence in coral reef fishes. <i>Ecology and Evolution</i> , 2020, 10, 8144-8152.	0.8	6
11	An enhanced target-enrichment bait set for Hexacorallia provides phylogenomic resolution of the staghorn corals (Acroporidae) and close relatives. <i>Molecular Phylogenetics and Evolution</i> , 2020, 153, 106944.	1.2	59
12	Morphological and molecular description of a new genus and species of black coral (Cnidaria: Anthozoa: Hexacorallia: Antipatharia: Antipathidae: <i>Blastopathes</i>) from Papua New Guinea . <i>Zootaxa</i> , 2020, 4821, 553-569.	0.2	13
13	Palaeoclimate ocean conditions shaped the evolution of corals and their skeletons through deep time. <i>Nature Ecology and Evolution</i> , 2020, 4, 1531-1538.	3.4	90
14	Trophic innovations fuel reef fish diversification. <i>Nature Communications</i> , 2020, 11, 2669.	5.8	53
15	Ancestral biogeography and ecology of marine angelfishes (F: Pomacanthidae). <i>Molecular Phylogenetics and Evolution</i> , 2019, 140, 106596.	1.2	8
16	Parasites of coral reef fish larvae: its role in the pelagic larval stage. <i>Coral Reefs</i> , 2019, 38, 199-214.	0.9	3
17	Historical biogeography of herbivorous coral reef fishes: The formation of an Atlantic fauna. <i>Journal of Biogeography</i> , 2019, 46, 1611-1624.	1.4	30
18	The molecular biogeography of the Indo-Pacific: Testing hypotheses with multispecies genetic patterns. <i>Global Ecology and Biogeography</i> , 2019, 28, 943-960.	2.7	43

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19	The evolution of traits and functions in herbivorous coral reef fishes through space and time. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182672.	1.2	46
20	Predation drives recurrent convergence of an interspecies mutualism. <i>Ecology Letters</i> , 2019, 22, 256-264.	3.0	13
21	Colour pattern divergence in reef fish species is rapid and driven by both range overlap and symmetry. <i>Ecology Letters</i> , 2019, 22, 190-199.	3.0	34
22	Phylogenetic perspectives on reef fish functional traits. <i>Biological Reviews</i> , 2018, 93, 131-151.	4.7	56
23	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
24	An inverse latitudinal gradient in speciation rate for marine fishes. <i>Nature</i> , 2018, 559, 392-395.	13.7	579
25	Variation in social systems within Chaetodon butterflyfishes, with special reference to pair bonding. <i>PLoS ONE</i> , 2018, 13, e0194465.	1.1	17
26	The biogeography of tropical reef fishes: endemism and provinciality through time. <i>Biological Reviews</i> , 2017, 92, 2112-2130.	4.7	91
27	Plate tectonics drive tropical reef biodiversity dynamics. <i>Nature Communications</i> , 2016, 7, 11461.	5.8	136
28	Evolutionary processes underlying latitudinal differences in reef fish biodiversity. <i>Global Ecology and Biogeography</i> , 2016, 25, 1466-1476.	2.7	38
29	Historical and contemporary determinants of global phylogenetic structure in tropical reef fish faunas. <i>Ecography</i> , 2016, 39, 825-835.	2.1	20
30	Global marine protected areas do not secure the evolutionary history of tropical corals and fishes. <i>Nature Communications</i> , 2016, 7, 10359.	5.8	55
31	The evolution of fishes on coral reefs: fossils, phylogenies, and functions. , 2015, , 55-63.		33
32	Longevity Is Linked to Mitochondrial Mutation Rates in Rockfish: A Test Using Poisson Regression. <i>Molecular Biology and Evolution</i> , 2015, 32, 2633-2645.	3.5	36
33	Exploring the Relationships between Mutation Rates, Life History, Genome Size, Environment, and Species Richness in Flowering Plants. <i>American Naturalist</i> , 2015, 185, 507-524.	1.0	92
34	Historical factors that have shaped the evolution of tropical reef fishes: a review of phylogenies, biogeography, and remaining questions. <i>Frontiers in Genetics</i> , 2014, 5, 394.	1.1	45
35	Quaternary coral reef refugia preserved fish diversity. <i>Science</i> , 2014, 344, 1016-1019.	6.0	148
36	Human-Mediated Loss of Phylogenetic and Functional Diversity in Coral Reef Fishes. <i>Current Biology</i> , 2014, 24, 555-560.	1.8	142

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37	Biogeography: multidisciplinary approaches in space and time. <i>Frontiers of Biogeography</i> , 2014, 6, .	0.8	0
38	Parasitic plants have increased rates of molecular evolution across all three genomes. <i>BMC Evolutionary Biology</i> , 2013, 13, 126.	3.2	120
39	Discovery of Australia's Fishes: A History of Australian Ichthyology to 1930 Brian Saunders . 2012. CSIRO Publishing. ISBN 978-0-64310-670-3. 491 p. \$99.95 (hard cover).. <i>Copeia</i> , 2013, 2013, 786-788.	1.4	0
40	The historical biogeography of coral reef fishes: global patterns of origination and dispersal. <i>Journal of Biogeography</i> , 2013, 40, 209-224.	1.4	186
41	Vicariance across major marine biogeographic barriers: temporal concordance and the relative intensity of hard versus soft barriers. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131541.	1.2	113
42	Quantifying Phylogenetic Beta Diversity: Distinguishing between $\hat{\tau}$ Turnover of Lineages and Phylogenetic Diversity Gradients. <i>PLoS ONE</i> , 2012, 7, e42760.	1.1	169
43	Chemical Alarm Cues Are Conserved within the Coral Reef Fish Family Pomacentridae. <i>PLoS ONE</i> , 2012, 7, e47428.	1.1	45
44	Coral reefs as drivers of cladogenesis: expanding coral reefs, cryptic extinction events, and the development of biodiversity hotspots. <i>Journal of Evolutionary Biology</i> , 2011, 24, 2543-2562.	0.8	188
45	Evolutionary history of the butterflyfishes (f: Chaetodontidae) and the rise of coral feeding fishes. <i>Journal of Evolutionary Biology</i> , 2010, 23, 335-349.	0.8	112
46	Dating the evolutionary origins of wrasse lineages (Labridae) and the rise of trophic novelty on coral reefs. <i>Molecular Phylogenetics and Evolution</i> , 2009, 52, 621-631.	1.2	124