

# Paul H Barber

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3107277/publications.pdf>

Version: 2024-02-01

77  
papers

4,056  
citations

117453

34  
h-index

123241

61  
g-index

83  
all docs

83  
docs citations

83  
times ranked

4371  
citing authors

#	ARTICLE	IF	CITATIONS
1	A marine Wallace's line?. <i>Nature</i> , 2000, 406, 692-693.	13.7	347
2	MARSPEC: ocean climate layers for marine spatial ecology. <i>Ecology</i> , 2013, 94, 979-979.	1.5	259
3	COMPARATIVE PHYLOGEOGRAPHY OF THREE CODISTRIBUTED STOMATOPODS: ORIGINS AND TIMING OF REGIONAL LINEAGE DIVERSIFICATION IN THE CORAL TRIANGLE. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1825-1839.	1.1	170
4	Comparative Phylogeography of the Coral Triangle and Implications for Marine Management. <i>Journal of Marine Biology</i> , 2011, 2011, 1-14.	1.0	167
5	Contrasting demographic history and phylogeographical patterns in two Indo-Pacific gastropods. <i>Molecular Ecology</i> , 2008, 17, 611-626.	2.0	161
6	Biodiversity hotspots: evolutionary origins of biodiversity in wrasses (Halichoeres: Labridae) in the Indo-Pacific and new world tropics. <i>Molecular Phylogenetics and Evolution</i> , 2005, 35, 235-253.	1.2	160
7	Expansion Dating: Calibrating Molecular Clocks in Marine Species from Expansions onto the Sunda Shelf Following the Last Glacial Maximum. <i>Molecular Biology and Evolution</i> , 2012, 29, 707-719.	3.5	122
8	Connectivity and the development of population genetic structure in Indo-West Pacific coral reef communities. <i>Global Ecology and Biogeography</i> , 2011, 20, 695-706.	2.7	114
9	Estimating diversity of Indo-Pacific coral reef stomatopods through DNA barcoding of stomatopod larvae. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 2053-2061.	1.2	111
10	A threat to coral reefs multiplied? Four species of crown-of-thorns starfish. <i>Biology Letters</i> , 2008, 4, 696-699.	1.0	107
11	Using DNA barcoding to track seafood mislabeling in Los Angeles restaurants. <i>Conservation Biology</i> , 2017, 31, 1076-1085.	2.4	94
12	Phylogeography and Limited Genetic Connectivity in the Endangered Boring Giant Clam across the Coral Triangle. <i>Conservation Biology</i> , 2008, 22, 1255-1266.	2.4	93
13	Comparative phylogeography of two seastars and their ectosymbionts within the Coral Triangle. <i>Molecular Ecology</i> , 2008, 17, 5276-5290.	2.0	91
14	Systemic racism in higher education. <i>Science</i> , 2020, 369, 1440-1441.	6.0	91
15	Evolving coral reef conservation with genetic information. <i>Bulletin of Marine Science</i> , 2014, 90, 159-185.	0.4	89
16	Increasing Persistence in Undergraduate Science Majors: A Model for Institutional Support of Underrepresented Students. <i>CBE Life Sciences Education</i> , 2015, 14, ar12.	1.1	88
17	<i>Anacapa Toolkit</i>: An environmental DNA toolkit for processing multilocus metabarcode datasets. <i>Methods in Ecology and Evolution</i> , 2019, 10, 1469-1475.	2.2	88
18	Phylogeography unplugged: comparative surveys in the genomic era. <i>Bulletin of Marine Science</i> , 2014, 90, 13-46.	0.4	86

#	ARTICLE	IF	CITATIONS
19	Theoretical limits to the correlation between pelagic larval duration and population genetic structure. <i>Molecular Ecology</i> , 2012, 21, 3419-3432.	2.0	84
20	eDNA metabarcoding as a biomonitoring tool for marine protected areas. <i>PLoS ONE</i> , 2021, 16, e0238557.	1.1	82
21	DNA barcoding reveals targeted fisheries for endangered sharks in Indonesia. <i>Fisheries Research</i> , 2015, 164, 130-134.	0.9	78
22	Coalescent and biophysical models of stepping-stone gene flow in neritid snails. <i>Molecular Ecology</i> , 2012, 21, 5579-5598.	2.0	65
23	Advancing biodiversity research in developing countries: the need for changing paradigms. <i>Bulletin of Marine Science</i> , 2014, 90, 187-210.	0.4	65
24	Sequential cladogenesis of the reef fish <i>Pomacentrus moluccensis</i> (Pomacentridae) supports the peripheral origin of marine biodiversity in the Indo-Australian archipelago. <i>Molecular Phylogenetics and Evolution</i> , 2009, 53, 335-339.	1.2	59
25	GENETIC IDENTITY DETERMINES RISK OF POST-SETTLEMENT MORTALITY OF A MARINE FISH. <i>Ecology</i> , 2007, 88, 1263-1277.	1.5	56
26	Endemism and Regional Color and Genetic Differences in Five Putatively Cosmopolitan Reef Fishes. <i>Conservation Biology</i> , 2008, 22, 965-975.	2.4	56
27	Phylogeography, morphological variation and taxonomy of the toxic dinoflagellate <i>Gambierdiscus toxicus</i> (Dinophyceae). <i>Harmful Algae</i> , 2008, 7, 614-629.	2.2	55
28	Episymbiotic microbes as food and defence for marine isopods: unique symbioses in a hostile environment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 1209-1216.	1.2	52
29	Phylogeography of the canyon treefrog, <i>Hyla arenicolor</i> (Cope) based on mitochondrial DNA sequence data. <i>Molecular Ecology</i> , 1999, 8, 547-562.	2.0	50
30	Improving metabarcoding taxonomic assignment: A case study of fishes in a large marine ecosystem. <i>Molecular Ecology Resources</i> , 2021, 21, 2546-2564.	2.2	48
31	Concordance between phylogeographic and biogeographic boundaries in the Coral Triangle: conservation implications based on comparative analyses of multiple giant clam species. <i>Bulletin of Marine Science</i> , 2014, 90, 277-300.	0.4	44
32	The challenge of understanding the Coral Triangle biodiversity hotspot. <i>Journal of Biogeography</i> , 2009, 36, 1845-1846.	1.4	43
33	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
34	Patterns of gene flow and population genetic structure in the canyon treefrog, <i>Hyla arenicolor</i> (Cope). <i>Molecular Ecology</i> , 1999, 8, 563-576.	2.0	42
35	Comparative phylogeography of three codistributed stomatopods: origins and timing of regional lineage diversification in the Coral Triangle. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1825-39.	1.1	36
36	Phylogeography of <i>Emerita analoga</i> (Crustacea, Decapoda, Hippidae), an eastern Pacific Ocean sand crab with long-lived pelagic larvae. <i>Journal of Biogeography</i> , 2011, 38, 1600-1612.	1.4	34

#	ARTICLE	IF	CITATIONS
37	Comparative Phylogeography in Fijian Coral Reef Fishes: A Multi-Taxa Approach towards Marine Reserve Design. PLoS ONE, 2012, 7, e47710.	1.1	34
38	Return of the ghosts of dispersal past: historical spread and contemporary gene flow in the blue sea star <i>Linckia laevigata</i> . Bulletin of Marine Science, 2014, 90, 399-425.	0.4	32
39	Phylogeography of commercial tuna and mackerel in the Indonesian Archipelago. Bulletin of Marine Science, 2014, 90, 471-492.	0.4	31
40	Cryptic ecological and geographic diversification in coral-associated nudibranchs. Molecular Phylogenetics and Evolution, 2020, 144, 106698.	1.2	31
41	MOLECULAR SYSTEMATICS OF THE GONODACTYLIDAE (STOMATOPODA) USING MITOCHONDRIAL CYTOCHROME OXIDASE C (SUBUNIT 1) DNA SEQUENCE DATA. Journal of Crustacean Biology, 2000, 20, 20-36.	0.3	30
42	eDNA captures depth partitioning in a kelp forest ecosystem. PLoS ONE, 2021, 16, e0253104.	1.1	30
43	Disparities in Remote Learning Faced by First-Generation and Underrepresented Minority Students during COVID-19: Insights and Opportunities from a Remote Research Experience. Journal of Microbiology and Biology Education, 2021, 22, .	0.5	29
44	Regional differentiation and post-glacial expansion of the Atlantic silverside, <i>Menidia menidia</i> , an annual fish with high dispersal potential. Marine Biology, 2011, 158, 515-530.	0.7	26
45	Concordant phylogenetic patterns inferred from mitochondrial and microsatellite DNA in the giant clam <i>Tridacna crocea</i> . Bulletin of Marine Science, 2014, 90, 301-329.	0.4	25
46	Short-lived detection of an introduced vertebrate eDNA signal in a nearshore rocky reef environment. PLoS ONE, 2021, 16, e0245314.	1.1	22
47	Phylogeography of the California sheephead, <i>Scorpaenopsis pulcher</i> : the role of deep reefs as stepping stones and pathways to antitropicality. Ecology and Evolution, 2013, 3, 4558-4571.	0.8	21
48	Historical divergences associated with intermittent land bridges overshadow isolation by larval dispersal in co-distributed species of <i>Tridacna</i> giant clams. Journal of Biogeography, 2018, 45, 848-858.	1.4	18
49	Evidence of host-associated divergence from coral-eating snails (genus <i>Coralliophila</i> ) in the Coral Triangle. Coral Reefs, 2018, 37, 355-371.	0.9	18
50	Christmas tree worms of Indo-Pacific coral reefs: untangling the <i>Spirobranchus corniculatus</i> (Grube.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	17
51	Extreme population subdivision despite high colonization ability: contrasting regional patterns in intertidal tardigrades from the west coast of North America. Journal of Biogeography, 2015, 42, 1006-1017.	1.4	16
52	DNA metabarcoding marker choice skews perception of marine eukaryotic biodiversity. Environmental DNA, 2021, 3, 1229-1246.	3.1	16
53	Fruits and flowers of the invasive seagrass <i>Halophila stipulacea</i> in the Caribbean Sea. Botanica Marina, 2019, 62, 109-112.	0.6	15
54	Nutrient pollution alters the gut microbiome of a territorial reef fish. Marine Pollution Bulletin, 2021, 169, 112522.	2.3	15

#	ARTICLE	IF	CITATIONS
55	Buccal venom gland associates with increased of diversification rate in the fang blenny fish <i>Meiacanthus</i> (Blenniidae; Teleostei). <i>Molecular Phylogenetics and Evolution</i> , 2018, 125, 138-146.	1.2	14
56	Genome-wide SNPs reveal complex fine scale population structure in the California market squid fishery ( <i>Doryteuthis opalescens</i> ). <i>Conservation Genetics</i> , 2021, 22, 97-110.	0.8	12
57	Modular diversification of the locomotor system in damselfishes (Pomacentridae). <i>Journal of Morphology</i> , 2016, 277, 603-614.	0.6	11
58	Ecomorphological diversification in reef fish of the genus <i>Abudefduf</i> (Perciformes, Pomacentridae). <i>Zoomorphology</i> , 2016, 135, 103-114.	0.4	11
59	Environmental DNA in a global biodiversity hotspot: Lessons from coral reef fish diversity across the Indonesian archipelago. <i>Environmental DNA</i> , 2022, 4, 222-238.	3.1	11
60	Pluralism explains diversity in the Coral Triangle. , 0, , 258-263.		9
61	eDNA metabarcoding bioassessment of endangered fairy shrimp ( <i>Branchinecta</i> spp.). <i>Conservation Genetics Resources</i> , 2020, 12, 685-690.	0.4	9
62	Genomic signatures of host-associated divergence and adaptation in a coral-eating snail, <i>Coralliophila violacea</i> (Kiener, 1836). <i>Ecology and Evolution</i> , 2020, 10, 1817-1837.	0.8	9
63	Integrating phylogeographic and ecological niche approaches to delimitating cryptic lineages in the blue-green damselfish ( <i>Chromis viridis</i> ). <i>PeerJ</i> , 2019, 7, e7384.	0.9	8
64	Spatial and ecologic distribution of neglected microinvertebrate communities across endangered ecosystems: meiofauna in Bali (Indonesia). <i>Marine Ecology</i> , 2016, 37, 970-987.	0.4	7
65	Epibionts on <i>Turbinaria ornata</i> , a secondary foundational macroalga on coral reefs, provide diverse trophic support to fishes. <i>Marine Environmental Research</i> , 2018, 141, 39-43.	1.1	7
66	A Unique and Scalable Model for Increasing Research Engagement, STEM Persistence, and Entry into Doctoral Programs. <i>CBE Life Sciences Education</i> , 2021, 20, ar11.	1.1	7
67	Characterization of microsatellite loci for the detection of temporal genetic shifts within a single cohort of the brown demoiselle, <i>Neopomacentrus filamentosus</i> . <i>Molecular Ecology Notes</i> , 2005, 5, 834-836.	1.7	6
68	Genomic signatures of spatially divergent selection at clownfish range margins. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210407.	1.2	6
69	A Remotely Operated Motorized Burrow Probe to Investigate Carnivore Neonates. <i>Journal of Wildlife Management</i> , 2007, 71, 1708-1711.	0.7	5
70	Isolation and characterization of 9 polymorphic microsatellite markers for the endangered boring giant clam ( <i>Tridacna crocea</i> ) and cross-priming testing in three other Tridacnid species. <i>Conservation Genetics Resources</i> , 2010, 2, 353-356.	0.4	5
71	Ten polymorphic microsatellite loci for the Atlantic Silverside, <i>Menidia menidia</i> . <i>Conservation Genetics Resources</i> , 2011, 3, 585-587.	0.4	5
72	Rethinking solutions to seafood fraud. <i>Frontiers in Ecology and the Environment</i> , 2018, 16, 499-500.	1.9	4

#	ARTICLE	IF	CITATIONS
73	A Genetic Assessment of Parentage in the Blackspot Sergeant Damselfish, <i>Abudefduf sordidus</i> (Pisces:) Tj ETQq1 1 0,784314rgBT /Oyer	0.7	4
74	Inconclusive evidence of sexual reproduction of invasive <i>Halophila stipulacea</i> : a new field guide to encourage investigation of flower and fruit production throughout its invasive range. <i>Botanica Marina</i> , 2020, 63, 537-540.	0.6	4
75	Short Communication: Lack of differentiation within the bigeye tuna population of Indonesia. <i>Biodiversitas</i> , 2017, 18, 1406-1413.	0.2	3
76	Mitochondrial DNA and population size. <i>Science</i> , 2006, 314, 1388-90; author reply 1388-90.	6.0	3
77	Herbivory as a limiting factor for seagrass proximity to fringing reefs in Moorea, French Polynesia. <i>Aquatic Botany</i> , 2021, 168, 103294.	0.8	1