

Brian W Bowen

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

4,105
citations

136940

32
h-index

118840

62
g-index

72
all docs

72
docs citations

72
times ranked

3985
citing authors

#	ARTICLE	IF	CITATIONS
1	A realignment of marine biogeographic provinces with particular reference to fish distributions. <i>Journal of Biogeography</i> , 2012, 39, 12-30.	3.0	476
2	The origins of tropical marine biodiversity. <i>Trends in Ecology and Evolution</i> , 2013, 28, 359-366.	8.7	377
3	Ecological speciation in tropical reef fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 573-579.	2.6	294
4	Comparative phylogeography of the ocean planet. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7962-7969.	7.1	190
5	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.	3.0	150
6	Natal homing in juvenile loggerhead turtles (<i>Caretta caretta</i>). <i>Molecular Ecology</i> , 2004, 13, 3797-3808.	3.9	149
7	Marine shelf habitat: biogeography and evolution. <i>Journal of Biogeography</i> , 2013, 40, 1023-1035.	3.0	138
8	Phylogeography of the reef fish <i>Cephalopholis argus</i> (Epinephelidae) indicates Pleistocene isolation across the indo-pacific barrier with contemporary overlap in the coral triangle. <i>BMC Evolutionary Biology</i> , 2011, 11, 189.	3.2	136
9	Defining Boundaries for Ecosystem-Based Management: A Multispecies Case Study of Marine Connectivity across the Hawaiian Archipelago. <i>Journal of Marine Biology</i> , 2011, 2011, 1-13.	1.0	116
10	After continents divide: comparative phylogeography of reef fishes from the <i>Red Sea</i> and <i>Indo-Pacific</i> . <i>Journal of Biogeography</i> , 2013, 40, 1170-1181.	3.0	110
11	A comprehensive investigation of mesophotic coral ecosystems in the Hawaiian Archipelago. <i>PeerJ</i> , 2016, 4, e2475.	2.0	107
12	Emergent patterns of population genetic structure for a coral reef community. <i>Molecular Ecology</i> , 2014, 23, 3064-3079.	3.9	94
13	Genomic signatures of geographic isolation and natural selection in coral reef fishes. <i>Molecular Ecology</i> , 2015, 24, 1543-1557.	3.9	84
14	Fishes that rule the world: circumtropical distributions revisited. <i>Fish and Fisheries</i> , 2016, 17, 664-679.	5.3	77
15	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.	3.0	74
16	Phylogeography of Two Moray Eels Indicates High Dispersal Throughout the Indo-Pacific. <i>Journal of Heredity</i> , 2010, 101, 391-402.	2.4	71
17	High Connectivity in the Deepwater Snapper <i>Pristipomoides filamentosus</i> (Lutjanidae) across the Indo-Pacific with Isolation of the Hawaiian Archipelago. <i>PLoS ONE</i> , 2011, 6, e28913.	2.5	71
18	Phylogeography of Two Closely Related Indo-Pacific Butterflyfishes Reveals Divergent Evolutionary Histories and Discordant Results from mtDNA and Microsatellites. <i>Journal of Heredity</i> , 2012, 103, 617-629.	2.4	66

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19	Endemism and dispersal: comparative phylogeography of three surgeonfishes across the Hawaiian Archipelago. <i>Marine Biology</i> , 2009, 156, 689-698.	1.5	65
20	In the light of evolution X: Comparative phylogeography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7957-7961.	7.1	65
21	Genetic connectivity among color morphs and Pacific archipelagos for the flame angelfish, <i>Centropyge loriculus</i> . <i>Marine Biology</i> , 2007, 151, 167-175.	1.5	58
22	Escaping paradise: larval export from Hawaii in an Indo-Pacific reef fish, the yellow tang <i>Zebrasoma flavescens</i> . <i>Marine Ecology - Progress Series</i> , 2011, 428, 245-258.	1.9	55
23	Oceanic dispersal in a sedentary reef shark (<i>Triaenodon obesus</i>): genetic evidence for extensive connectivity without a pelagic larval stage. <i>Journal of Biogeography</i> , 2012, 39, 1144-1156.	3.0	50
24	Vertical and Horizontal Genetic Connectivity in Chromis verater, an Endemic Damsel fish Found on Shallow and Mesophotic Reefs in the Hawaiian Archipelago and Adjacent Johnston Atoll. <i>PLoS ONE</i> , 2014, 9, e115493.	2.5	50
25	Large-scale introduction of the Pacific damselfish <i>Abudefduf vaigiensis</i> into Hawaii promotes genetic swamping of the endemic congener <i>A. abdominalis</i> . <i>Molecular Ecology</i> , 2014, 23, 5552-5565.	3.9	49
26	Not All Larvae Stay Close to Home: Insights into Marine Population Connectivity with a Focus on the Brown Surgeonfish (<i>Acanthurus nigrofuscus</i>). <i>Journal of Marine Biology</i> , 2011, 2011, 1-12.	1.0	47
27	Evolution of pygmy angelfishes: Recent divergences, introgression, and the usefulness of color in taxonomy. <i>Molecular Phylogenetics and Evolution</i> , 2014, 74, 38-47.	2.7	47
28	Assessment of multiple paternity in single litters from three species of carcharhinid sharks in Hawaii. <i>Environmental Biology of Fishes</i> , 2006, 76, 419-424.	1.0	46
29	Phylogeography of the Pacific Blueline Surgeonfish, <i>Acanthurus nigroris</i> , Reveals High Genetic Connectivity and a Cryptic Endemic Species in the Hawaiian Archipelago. <i>Journal of Marine Biology</i> , 2011, 2011, 1-17.	1.0	43
30	Origins, ages and population histories: comparative phylogeography of endemic Hawaiian butterflyfishes (genus <i>Chaetodon</i>). <i>Journal of Biogeography</i> , 2010, 37, 2125-2136.	3.0	42
31	Phylogeography of Lionfishes (Pterois) Indicate Taxonomic Over Splitting and Hybrid Origin of the Invasive <i>Pterois volitans</i> . <i>Journal of Heredity</i> , 2018, 109, 162-175.	2.4	39
32	Genetic consequences of introducing allopatric lineages of Bluestriped Snapper (<i>Lutjanus kasmira</i>) to Hawaii. <i>Molecular Ecology</i> , 2010, 19, 1107-1121.	3.9	37
33	Phylogeography, population structure and evolution of coral-eating butterflyfishes (Family) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i> <i>Biogeography</i> , 2016, 43, 1116-1129.	3.0	35
34	Range-wide population structure and history of the northern quahog (<i>Merceneria merceneria</i>) inferred from mitochondrial DNA sequence data. <i>ICES Journal of Marine Science</i> , 2008, 65, 155-163.	2.5	32
35	Living in the Past: Phylogeography and Population Histories of Indo-Pacific Wrasses (Genus) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	2.5	31
36	Yellow tails in the Red Sea: phylogeography of the Indo-Pacific goatfish <i>Mulloidichthys flavolineatus</i> reveals isolation in peripheral provinces and cryptic evolutionary lineages. <i>Journal of Biogeography</i> , 2015, 42, 2402-2413.	3.0	30

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37	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.	2.7	29
38	Blinded by the bright: a lack of congruence between colour morphs, phylogeography and taxonomy for a cosmopolitan Indo-Pacific butterflyfish, <i>Chaetodon auriga</i> . <i>Journal of Biogeography</i> , 2015, 42, 1919-1929.	3.0	28
39	Phylogeography of Indo-Pacific reef fishes: sister wrasses <i>Coris gaimard</i> and <i>C. cuvieri</i> in the Red Sea, Indian Ocean and Pacific Ocean. <i>Journal of Biogeography</i> , 2016, 43, 1103-1115.	3.0	27
40	Phylogeny of deepwater snappers (Genus <i>Etelis</i>) reveals a cryptic species pair in the Indo-Pacific and Pleistocene invasion of the Atlantic. <i>Molecular Phylogenetics and Evolution</i> , 2016, 100, 361-371.	2.7	26
41	Gaia's Handmaidens: the Orlog Model for Conservation Biology. <i>Conservation Biology</i> , 2005, 19, 1037-1043.	4.7	24
42	Phylogeographic Analyses of Submesophotic Snappers <i>Etelis coruscans</i> and <i>Etelis œmarshi</i> (Family Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 e91665.	2.5	24
43	Genomics versus mtDNA for resolving stock structure in the silky shark (<i>Carcharhinus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.0	24
44	Phylogeography of the manybar goatfish, <i>Parupeneus multifasciatus</i> , reveals isolation of the Hawaiian Archipelago and a cryptic species in the Marquesas Islands. <i>Bulletin of Marine Science</i> , 2014, 90, 493-512.	0.8	23
45	Regal phylogeography: Range-wide survey of the marine angelfish <i>Pygoplites diacanthus</i> reveals evolutionary partitions between the Red Sea, Indian Ocean, and Pacific Ocean. <i>Molecular Phylogenetics and Evolution</i> , 2016, 100, 243-253.	2.7	22
46	Shifting reef fish assemblages along a depth gradient in Pohnpei, Micronesia. <i>PeerJ</i> , 2018, 6, e4650.	2.0	21
47	Flickers of speciation: Sympatric colour morphs of the arc-eye hawkfish, <i>Paracirrhites arcatus</i> , reveal key elements of divergence with gene flow. <i>Molecular Ecology</i> , 2018, 27, 1479-1493.	3.9	20
48	Species Radiations in the Sea: What the Flock?. <i>Journal of Heredity</i> , 2020, 111, 70-83.	2.4	20
49	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.	2.2	19
50	Diversity and Structure of Parrotfish Assemblages across the Northern Great Barrier Reef. <i>Diversity</i> , 2019, 11, 14.	1.7	19
51	Is the Great Barracuda (<i>Sphyræna barracuda</i>) a reef fish or a pelagic fish? The phylogeographic perspective. <i>Marine Biology</i> , 2012, 159, 975-985.	1.5	17
52	Angelfishes, Paper Tigers, and the Devilish Taxonomy of the <i>Centropyge flavissima</i> Complex. <i>Journal of Heredity</i> , 2016, 107, 647-653.	2.4	17
53	Reef Fish Dispersal in the Hawaiian Archipelago: Comparative Phylogeography of Three Endemic Damselfishes. <i>Journal of Marine Biology</i> , 2016, 2016, 1-17.	1.0	16
54	Population genomic response to geographic gradients by widespread and endemic fishes of the Arabian Peninsula. <i>Ecology and Evolution</i> , 2020, 10, 4314-4330.	1.9	16

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55	Isolation and characterization of microsatellite markers for the Crimson Jobfish, <i>Pristipomoides filamentosus</i> (Lutjanidae). <i>Conservation Genetics Resources</i> , 2010, 2, 169-172.	0.8	14
56	The Three Domains of Conservation Genetics: Case Histories from Hawaiian Waters. <i>Journal of Heredity</i> , 2016, 107, 309-317.	2.4	13
57	Biogeographical contingency and the evolution of tropical anchovies (genus <i>Cetengraulis</i>) from temperate anchovies (genus <i>Engraulis</i>). <i>Journal of Biogeography</i> , 2010, 37, 1352-1362.	3.0	12
58	The little shrimp that could: phylogeography of the circumtropical <i>Stenopus hispidus</i> (Crustacea: Decapoda), reveals divergent Atlantic and Pacific lineages. <i>PeerJ</i> , 2018, 6, e4409.	2.0	11
59	Biogeography of planktonic and coral-associated microorganisms across the Hawaiian Archipelago. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw109.	2.7	10
60	Geopolitical species revisited: genomic and morphological data indicate that the roundtail chub <i>Gila robusta</i> species complex (Teleostei, Cyprinidae) is a single species. <i>PeerJ</i> , 2018, 6, e5605.	2.0	8
61	Phylogenetics of Kingsnakes, <i>Lampropeltis getula</i> Complex (Serpentes: Colubridae), in Eastern North America. <i>Journal of Heredity</i> , 2017, 108, esw086.	2.4	7
62	Comparative phylogeography of widespread and endemic damselfishes in the Hawaiian Archipelago. <i>Marine Biology</i> , 2018, 165, 1.	1.5	7
63	Range-Wide Population Structure of 3 Deepwater Eteline Snappers Across the Indo-Pacific Basin. <i>Journal of Heredity</i> , 2020, 111, 471-485.	2.4	6
64	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.	2.4	5
65	Microsatellite DNA markers to resolve population structure and hybridization of two closely related surgeonfish species, <i>Acanthurus nigricans</i> and <i>Acanthurus leucosternon</i> . <i>Conservation Genetics Resources</i> , 2011, 3, 159-162.	0.8	4
66	Genomic assessment of an endemic Hawaiian surgeonfish, <i>Acanthurus triostegus sandvicensis</i> , reveals high levels of connectivity and fine-scale population structure. <i>Coral Reefs</i> , 2022, 41, 687-697.	2.2	4
67	Dominance of endemics in the reef fish assemblages of the Hawaiian Archipelago. <i>Journal of Biogeography</i> , 2020, 47, 2584-2596.	3.0	3
68	Little Sharks in a Big World: Mitochondrial DNA Reveals Small-scale Population Structure in the California Horn Shark (<i>Heterodontus francisci</i>). <i>Journal of Heredity</i> , 2022, 113, 298-310.	2.4	3
69	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.	1.6	2
70	Hawaiian green turtles graze on bioeroding sponges at Maunaloa Bay, Oahu, Hawai'i. <i>Galaxea</i> , 2019, 21, 3-4.	0.7	2
71	A rapid PCR-RFLP method for species identification of the eastern Pacific horn sharks (genus <i>Phaenogenes</i>). <i>Journal of Heredity</i> , 2022, 113, 298-310.	0.8	0