

# Brian W Bowen

## List of Publications by Year in Descending Order

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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.

70  
papers

3,271  
citations

31  
h-index

56  
g-index

72  
ext. papers

3,705  
ext. citations

3.5  
avg, IF

5.42  
L-index

#	Paper	IF	Citations
70	A rapid PCR-RFLP method for species identification of the eastern Pacific horn sharks (genus <i>Heterodontus</i> ). <i>Conservation Genetics Resources</i> , <b>2021</b> , 13, 79-84	0.8	
69	Species Radiations in the Sea: What the Flock?. <i>Journal of Heredity</i> , <b>2020</b> , 111, 70-83	2.4	12
68	Genomics versus mtDNA for resolving stock structure in the silky shark (). <i>PeerJ</i> , <b>2020</b> , 8, e10186	3.1	7
67	Range-Wide Population Structure of 3 Deepwater Eteline Snappers Across the Indo-Pacific Basin. <i>Journal of Heredity</i> , <b>2020</b> , 111, 471-485	2.4	2
66	Dominance of endemics in the reef fish assemblages of the Hawaiian Archipelago. <i>Journal of Biogeography</i> , <b>2020</b> , 47, 2584-2596	4.1	2
65	Population genomic response to geographic gradients by widespread and endemic fishes of the Arabian Peninsula. <i>Ecology and Evolution</i> , <b>2020</b> , 10, 4314-4330	2.8	7
64	Diversity and Structure of Parrotfish Assemblages across the Northern Great Barrier Reef. <i>Diversity</i> , <b>2019</b> , 11, 14	2.5	15
63	Recruitment dynamics and fishery characteristics of juvenile goatfishes <i>Mulloidichthys</i> spp. in HawaiĪ. <i>Journal of Fish Biology</i> , <b>2019</b> , 95, 1086-1093	1.9	1
62	Hawaiian green turtles graze on bioeroding sponges at Maunalua Bay, OĪhu, HawaiĪ <i>Galaxea</i> , <b>2019</b> , 21, 3-4	0.5	1
61	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> , <b>2018</b> , 27, 1479-1493	5.7	17
60	Phylogeography of Lionfishes (Pterois) Indicate Taxonomic Over Splitting and Hybrid Origin of the Invasive <i>Pterois volitans</i> . <i>Journal of Heredity</i> , <b>2018</b> , 109, 162-175	2.4	30
59	Comparative phylogeography of widespread and endemic damselfishes in the Hawaiian Archipelago. <i>Marine Biology</i> , <b>2018</b> , 165, 1	2.5	7
58	The little shrimp that could: phylogeography of the circumtropical (Crustacea: Decapoda), reveals divergent Atlantic and Pacific lineages. <i>PeerJ</i> , <b>2018</b> , 6, e4409	3.1	8
57	Shifting reef fish assemblages along a depth gradient in Pohnpei, Micronesia. <i>PeerJ</i> , <b>2018</b> , 6, e4650	3.1	12
56	Geopolitical species revisited: genomic and morphological data indicate that the roundtail chub species complex (Teleostei, Cyprinidae) is a single species. <i>PeerJ</i> , <b>2018</b> , 6, e5605	3.1	4
55	Comparative phylogeography of reef fishes from the Gulf of Aden to the Arabian Sea reveals two cryptic lineages. <i>Coral Reefs</i> , <b>2017</b> , 36, 625-638	4.2	15
54	Response to Delrieu-Trottin et al.: Hybrids, Color Variants and the Consistently Devilish Taxonomy of Pygmy Angelfishes. <i>Journal of Heredity</i> , <b>2017</b> , 108, 337-339	2.4	4

53	Phylogenetics of Kingsnakes, <i>Lampropeltis getula</i> Complex (Serpentes: Colubridae), in Eastern North America. <i>Journal of Heredity</i> , <b>2017</b> , 108, 226-238	2.4	4
52	In the light of evolution X: Comparative phylogeography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 7957-61	11.5	38
51	Comparative phylogeography of the ocean planet. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 7962-9	11.5	143
50	Phylogeography, population structure and evolution of coral-eating butterflyfishes (Family Chaetodontidae, genus <i>Chaetodon</i> , subgenus <i>Corallochaetodon</i> ). <i>Journal of Biogeography</i> , <b>2016</b> , 43, 1116-1129	4.1	30
49	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> , <b>2016</b> , 100, 361-371	4.1	22
48	A review of contemporary patterns of endemism for shallow water reef fauna in the Red Sea. <i>Journal of Biogeography</i> , <b>2016</b> , 43, 423-439	4.1	104
47	A comprehensive investigation of mesophotic coral ecosystems in the Hawaiian Archipelago. <i>PeerJ</i> , <b>2016</b> , 4, e2475	3.1	72
46	Reef Fish Dispersal in the Hawaiian Archipelago: Comparative Phylogeography of Three Endemic Damsel Fishes. <i>Journal of Marine Biology</i> , <b>2016</b> , 2016, 1-17	1	11
45	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> , <b>2016</b> , 43, 1103-1115	4.1	20
44	The Three Domains of Conservation Genetics: Case Histories from Hawaiian Waters. <i>Journal of Heredity</i> , <b>2016</b> , 107, 309-17	2.4	10
43	Biogeography of planktonic and coral-associated microorganisms across the Hawaiian Archipelago. <i>FEMS Microbiology Ecology</i> , <b>2016</b> , 92,	4.3	7
42	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> , <b>2016</b> , 100, 243-253	4.1	20
41	Surgeons and suture zones: Hybridization among four surgeonfish species in the Indo-Pacific with variable evolutionary outcomes. <i>Molecular Phylogenetics and Evolution</i> , <b>2016</b> , 101, 203-215	4.1	21
40	Angelfishes, Paper Tigers, and the Devilish Taxonomy of the <i>Centropyge flavissima</i> Complex. <i>Journal of Heredity</i> , <b>2016</b> , 107, 647-653	2.4	13
39	Fishes that rule the world: circumtropical distributions revisited. <i>Fish and Fisheries</i> , <b>2016</b> , 17, 664-679	6	53
38	When biogeographical provinces collide: hybridization of reef fishes at the crossroads of marine biogeographical provinces in the Arabian Sea. <i>Journal of Biogeography</i> , <b>2015</b> , 42, 1601-1614	4.1	50
37	Genomic signatures of geographic isolation and natural selection in coral reef fishes. <i>Molecular Ecology</i> , <b>2015</b> , 24, 1543-57	5.7	69
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> , <b>2015</b> , 42, 2402-2413	4.1	25

35	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> , <b>2015</b> , 42, 1919-1929	4.1	22
34	Evolution of pygmy angelfishes: recent divergences, introgression, and the usefulness of color in taxonomy. <i>Molecular Phylogenetics and Evolution</i> , <b>2014</b> , 74, 38-47	4.1	43
33	Large-scale introduction of the Indo-Pacific damselfish <i>Abudefduf vaigiensis</i> into Hawaii promotes genetic swamping of the endemic congener <i>A. abdominalis</i> . <i>Molecular Ecology</i> , <b>2014</b> , 23, 5552-65	5.7	41
32	Emergent patterns of population genetic structure for a coral reef community. <i>Molecular Ecology</i> , <b>2014</b> , 23, 3064-79	5.7	74
31	Phylogeographic analyses of submesophotic snappers <i>Etelis coruscans</i> and <i>Etelis "marshi"</i> (family Lutjanidae) reveal concordant genetic structure across the Hawaiian Archipelago. <i>PLoS ONE</i> , <b>2014</b> , 9, e91665	3.7	22
30	Vertical and horizontal genetic connectivity in <i>Chromis verater</i> , an endemic damselfish found on shallow and mesophotic reefs in the Hawaiian Archipelago and adjacent Johnston Atoll. <i>PLoS ONE</i> , <b>2014</b> , 9, e115493	3.7	43
29	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> , <b>2014</b> , 90, 493-512	1.3	20
28	The origins of tropical marine biodiversity. <i>Trends in Ecology and Evolution</i> , <b>2013</b> , 28, 359-66	10.9	298
27	Marine shelf habitat: biogeography and evolution. <i>Journal of Biogeography</i> , <b>2013</b> , 40, 1023-1035	4.1	105
26	After continents divide: comparative phylogeography of reef fishes from the Red Sea and Indian Ocean. <i>Journal of Biogeography</i> , <b>2013</b> , 40, 1170-1181	4.1	94
25	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> , <b>2012</b> , 39, 1144-1156	4.1	44
24	Phylogeography of two closely related Indo-Pacific butterflyfishes reveals divergent evolutionary histories and discordant results from mtDNA and microsatellites. <i>Journal of Heredity</i> , <b>2012</b> , 103, 617-29	2.4	55
23	Living in the past: phylogeography and population histories of Indo-Pacific wrasses (genus <i>Halichoeres</i> ) in shallow lagoons versus outer reef slopes. <i>PLoS ONE</i> , <b>2012</b> , 7, e38042	3.7	28
22	Is the Great Barracuda () a reef fish or a pelagic fish? The phylogeographic perspective. <i>Marine Biology</i> , <b>2012</b> , 159, 975-985	2.5	15
21	A realignment of marine biogeographic provinces with particular reference to fish distributions. <i>Journal of Biogeography</i> , <b>2012</b> , 39, 12-30	4.1	364
20	Defining Boundaries for Ecosystem-Based Management: A Multispecies Case Study of Marine Connectivity across the Hawaiian Archipelago. <i>Journal of Marine Biology</i> , <b>2011</b> , 2011,	1	100
19	Not All Larvae Stay Close to Home: Insights into Marine Population Connectivity with a Focus on the Brown Surgeonfish (). <i>Journal of Marine Biology</i> , <b>2011</b> , 2011,	1	41
18	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> , <b>2011</b> , 2011, 1-17	1	38

17	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> , <b>2011</b> , 3, 159-162	0.8	4
16	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> , <b>2011</b> , 11, 189	3	115
15	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> , <b>2011</b> , 6, e28913	3.7	64
14	Escaping paradise: Larval export from Hawaii in an Indo-Pacific reef fish, the Yellow Tang ( <i>Acanthurus lineatus</i> ). <i>Marine Ecology - Progress Series</i> , <b>2011</b> , 428, 245-258	2.6	50
13	Genetic consequences of introducing allopatric lineages of Bluestriped Snapper ( <i>Lutjanus kasmira</i> ) to Hawaii. <i>Molecular Ecology</i> , <b>2010</b> , 19, 1107-21	5.7	36
12	Biogeographical contingency and the evolution of tropical anchovies (genus <i>Cetengraulis</i> ) from temperate anchovies (genus <i>Engraulis</i> ). <i>Journal of Biogeography</i> , <b>2010</b> , 37, 1352-1362	4.1	12
11	Origins, ages and population histories: comparative phylogeography of endemic Hawaiian butterflyfishes (genus <i>Chaetodon</i> ). <i>Journal of Biogeography</i> , <b>2010</b> , 37, 2125-2136	4.1	39
10	Phylogeography of two moray eels indicates high dispersal throughout the indo-pacific. <i>Journal of Heredity</i> , <b>2010</b> , 101, 391-402	2.4	64
9	Isolation and characterization of microsatellite markers for the Crimson Jobfish, <i>Pristipomoides filamentosus</i> (Lutjanidae). <i>Conservation Genetics Resources</i> , <b>2010</b> , 2, 169-172	0.8	13
8	Endemism and dispersal: comparative phylogeography of three surgeonfishes across the Hawaiian Archipelago. <i>Marine Biology</i> , <b>2009</b> , 156, 689-698	2.5	60
7	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> , <b>2008</b> , 65, 155-163	2.7	27
6	Genetic connectivity among color morphs and Pacific archipelagos for the flame angelfish, <i>Centropyge loriculus</i> . <i>Marine Biology</i> , <b>2007</b> , 151, 167-175	2.5	51
5	Assessment of multiple paternity in single litters from three species of carcharhinid sharks in Hawaii. <i>Environmental Biology of Fishes</i> , <b>2006</b> , 76, 419-424	1.6	36
4	Ecological speciation in tropical reef fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2005</b> , 272, 573-9	4.4	240
3	Gaia's Handmaidens: the Orlog Model for Conservation Biology. <i>Conservation Biology</i> , <b>2005</b> , 19, 1037-1043		21
2	Natal homing in juvenile loggerhead turtles ( <i>Caretta caretta</i> ). <i>Molecular Ecology</i> , <b>2004</b> , 13, 3797-808	5.7	133
1	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> , <b>2011</b> , 30, 1-11	4.2	1