Martin J Genner

List of Publications by Year
in descending order

70 papers	4,498 citations	159585 30 h-index	118850 62 g-index
83 all docs	83 docs citations	83 times ranked	5790 citing authors

#	Article	IF	Citations
1	Whole genome resequencing data enables a targeted SNP panel for conservation and aquaculture of Oreochromis cichlid fishes. Aquaculture, 2022, 548, 737637.	3.5	8
2	Environmental DNAâ€based methods detect the invasion front of an advancing signal crayfish population. Environmental DNA, 2022, 4, 596-607.	5.8	2
3	Environmental DNA captures elasmobranch diversity in a temperate marine ecosystem. Environmental DNA, 2022, 4, 1024-1038.	5.8	7
4	Newly discovered cichlid fish biodiversity threatened by hybridization with nonâ€native species. Molecular Ecology, 2021, 30, 895-911.	3.9	24
5	Trade-offs between physical risk and economic reward affect fishersâ€™ vulnerability to changing storminess. Global Environmental Change, 2021, 69, 102228.	7.8	9
6	<scp>Metaâ€Fishâ€Lib</scp>: A generalised, dynamic <scp>DNA</scp> reference library pipeline for metabarcoding of fishes. Journal of Fish Biology, 2021, 99, 1446-1454.	1.6	33
7	Preface: advances in cichlid research IV: behavior, ecology, and evolutionary biology. Hydrobiologia, 2021, 848, 3605-3612.	2.0	0
8	Mapping epigenetic divergence in the massive radiation of Lake Malawi cichlid fishes. Nature Communications, 2021, 12, 5870.	12.8	17
9	Ancestral Hybridization Facilitated Species Diversification in the Lake Malawi Cichlid Fish Adaptive Radiation. Molecular Biology and Evolution, 2020, 37, 1100-1113.	8.9	98
10	Relative growth of invasive and indigenous tilapiine cichlid fish in Tanzania. African Journal of Aquatic Science, 2020, 45, 378-381.	1.1	1
11	Schistosoma species detection by environmental DNA assays in African freshwaters. PLoS Neglected Tropical Diseases, 2020, 14, e0008129.	3.0	18
12	Environmental DNA-based xenomonitoring for determining Schistosoma presence in tropical freshwaters. Parasites and Vectors, 2020, 13, 63.	2.5	15
13	Climate Change Drives Poleward Increases and Equatorward Declines in Marine Species. Current Biology, 2020, 30, 1572-1577.e2.	3.9	111
14	Limited hybridization between introduced and Critically Endangered indigenous tilapia fishes in northern Tanzania. Hydrobiologia, 2019, 832, 257-268.	2.0	37
15	Widespread colonisation of Tanzanian catchments by introduced Oreochromis tilapia fishes: the legacy from decades of deliberate introduction. Hydrobiologia, 2019, 832, 235-253.	2.0	37
16	Nonâ€specific amplification compromises environmental DNA metabarcoding with COI. Methods in Ecology and Evolution, 2019, 10, 1985-2001.	5.2	202
17	Population genetic evidence for a unique resource of Nile tilapia in Lake Tanganyika, East Africa. Environmental Biology of Fishes, 2019, 102, 1107-1117.	1.0	6
18	Adaptive Diversification of the Lateral Line System during Cichlid Fish Radiation. IScience, 2019, 16, 1-11.	4.1	15

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19	Molecular phylogeny of Oreochromis (Cichlidae: Oreochromini) reveals mito-nuclear discordance and multiple colonisation of adverse aquatic environments. Molecular Phylogenetics and Evolution, 2019, 136, 215-226.	2.7	43
20	Preface: advances in cichlid research III: behavior, ecology, and evolutionary biology. Hydrobiologia, 2019, 832, 1-8.	2.0	4
21	Whole-genome sequences of Malawi cichlids reveal multiple radiations interconnected by gene flow. Nature Ecology and Evolution, 2018, 2, 1940-1955.	7.8	358
22	Persistence of environmental DNA in marine systems. Communications Biology, 2018, 1, 185.	4.4	256
23	Behavior-dependent cis regulation reveals genes and pathways associated with bower building in cichlid fishes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11081-E11090.	7.1	42
24	Changing storminess and global capture fisheries. Nature Climate Change, 2018, 8, 655-659.	18.8	52
25	Losing cichlid fish biodiversity: genetic and morphological homogenization of tilapia following colonization by introduced species. Conservation Genetics, 2018, 19, 1199-1209.	1.5	32
26	The genomic basis of cichlid fish adaptation within the deepwater â€œtwilight zoneâ€•of Lake Malawi. Evolution Letters, 2017, 1, 184-198.	3.3	21
27	Evolutionary divergence in life history traits among populations of the Lake Malawi cichlid fish Astatotilapia calliptera. Ecology and Evolution, 2017, 7, 8488-8506.	1.9	10
28	Preface: Advances in cichlid research II: behavior, ecology and evolutionary biology. Hydrobiologia, 2017, 791, 1-6.	2.0	1
29	Lake level fluctuations and divergence of cichlid fish ecomorphs in Lake Tanganyika. Hydrobiologia, 2017, 791, 21-34.	2.0	14
30	Multiple colonisations of the Lake Malawi catchment by the genus Opsaridium (Teleostei: Cyprinidae). Molecular Phylogenetics and Evolution, 2017, 107, 256-265.	2.7	3
31	Staying out of the heat: how habitat use is determined by local temperature. Journal of Animal Ecology, 2016, 85, 611-613.	2.8	4
32	Migratory behaviour shapes spatial genetic structure of cyprinid fishes within the Lake Malawi catchment. Freshwater Biology, 2016, 61, 1062-1074.	2.4	5
33	Localisation and origin of the bacteriochlorophyll-derived photosensitizer in the retina of the deep-sea dragon fish Malacosteus niger. Scientific Reports, 2016, 6, 39395.	3.3	10
34	Evolutionary ecology of species ranges in aquatic environments. Biology Letters, 2016, 12, 20160415.	2.3	2
35	Patterns of species range evolution in Indo-Pacific reef assemblages reveal the Coral Triangle as a net source of transoceanic diversity. Biology Letters, 2016, 12, 20160090.	2.3	17
36	Fisheries stocks from an ecological perspective: Disentangling ecological connectivity from genetic interchange. Fisheries Research, 2016, 179, 333-341.	1.7	46

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37	Geographical ancestry of Lake Malawi's cichlid fish diversity. Biology Letters, 2015, 11, 20150232.	2.3	23
38	Genomic islands of speciation separate cichlid ecomorphs in an East African crater lake. Science, 2015, 350, 1493-1498.	12.6	330
39	Future fish distributions constrained by depth in warming seas. Nature Climate Change, 2015, 5, 569-573.	18.8	94
40	Preface: Advances in cichlid research: behavior, ecology, and evolutionary biology. Hydrobiologia, 2015, 748, 1-5.	2.0	6
41	Secondary contact seeds phenotypic novelty in cichlid fishes. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142272.	2.6	41
42	Warming shelf seas drive the subtropicalization of European pelagic fish communities. Global Change Biology, 2015, 21, 144-153.	9.5	96
43	Timing of population expansions within the Lake Malawi haplochromine cichlid fish radiation. Hydrobiologia, 2015, 748, 121-132.	2.0	12
44	A tale of two seas: contrasting patterns of population structure in the small-spotted catshark across Europe. Royal Society Open Science, 2014, 1, 140175.	2.4	28
45	Competition-driven speciation in cichlid fish. Nature Communications, 2014, 5, 3412.	12.8	49
46	Nile tilapia invades the Lake Malawi catchment. African Journal of Aquatic Science, 2013, 38, 85-90.	1.1	19
47	Ancient Hybridization and Phenotypic Novelty within Lake Malawi's Cichlid Fish Radiation. Molecular Biology and Evolution, 2012, 29, 195-206.	8.9	106
48	Pleistocene climate change promoted rapid diversification of aquatic invertebrates in Southeast Australia. BMC Evolutionary Biology, 2012, 12, 142.	3.2	27
49	Population genetic structure of protected allis shad (Alosa alosa) and twaite shad (Alosa fallax). Marine Biology, 2012, 159, 675-687.	1.5	39
50	A century later: Long-term change of an inshore temperate marine fish assemblage. Journal of Sea Research, 2011, 65, 187-194.	1.6	23
51	Repeated colonization and hybridization in Lake Malawi cichlids. Current Biology, 2011, 21, R108-R109.	3.9	145
52	Continental Shelf-Wide Response of a Fish Assemblage to Rapid Warming of the Sea. Current Biology, 2011, 21, 1565-1570.	3.9	208
53	Establishment and expansion of Lake Malawi rock fish populations after a dramatic Late Pleistocene lake level rise. Molecular Ecology, 2010, 19, 170-182.	3.9	46
54	Population structure on breeding grounds of Lake Malawiâ€™s â€˜twilight zoneâ€™ cichlid fishes. Journal of Biogeography, 2010, 37, 258-269.	3.0	10

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55	Temperature-driven phenological changes within a marine larval fish assemblage. Journal of Plankton Research, 2010, 32, 699-708.	1.8	88
56	Chapter 3 Effects of Climate Change and Commercial Fishing on Atlantic Cod Gadus morhua. Advances in Marine Biology, 2009, 56, 213-273.	1.4	41
57	Genetic homogeneity among breeding grounds and nursery areas of an exploited Lake Malawi cichlid fish. Freshwater Biology, 2008, 53, 1823-1831.	2.4	10
58	Age of Cichlids: New Dates for Ancient Lake Fish Radiations. Molecular Biology and Evolution, 2007, 24, 1269-1282.	8.9	268
59	Evolution of a cichlid fish in a Lake Malawi satellite lake. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 2249-2257.	2.6	35
60	Reproductive isolation among deep-water cichlid fishes of Lake Malawi differing in monochromatic male breeding dress. Molecular Ecology, 2006, 16, 651-662.	3.9	25
61	The mbuna cichlids of Lake Malawi: a model for rapid speciation and adaptive radiation. Fish and Fisheries, 2005, 6, 1-34.	5.3	135
62	Camouflaged invasion of Lake Malawi by an Oriental gastropod. Molecular Ecology, 2004, 13, 2135-2141.	3.9	51
63	Low-temperature-driven early spawning migration of a temperate marine fish. Journal of Animal Ecology, 2004, 73, 333-341.	2.8	183
64	How does the taxonomic status of allopatric populations influence species richness within African cichlid fish assemblages?. Journal of Biogeography, 2004, 31, 93-102.	3.0	65
65	Long-Term Oceanographic and Ecological Research in the Western English Channel. Advances in Marine Biology, 2004, 47, 1-105.	1.4	251
66	Detection of environmental change in a marine ecosystemâ€"evidence from the western English Channel. Science of the Total Environment, 2003, 310, 245-256.	8.0	173
67	Timing of squid migration reflects North Atlantic climate variability. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 2607-2611.	2.6	142
68	Assortative mating among rock-dwelling cichlid fishes supports high estimates of species richness from Lake Malawi. Molecular Ecology, 1998, 7, 991-1001.	3.9	115
69	Conservation genomics of the endangered Seychelles Magpieâ€Robin (Copsychus sechellarum): A unique insight into the history of a precious endemic bird. Ibis, 0, , .	1.9	4
70	Revision of the African cichlid fish genus Ctenochromis (Teleostei, Cichliformes), including a description of the new genus Shuja from Lake Tanganyika and the new species Ctenochromis scatebra from northern Tanzania. European Journal of Taxonomy, 0, 819, 23-54.	0.6	2