

Michael Hammer

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

1,351
citations

331538

21
h-index

395590

33
g-index

71
all docs

71
docs citations

71
times ranked

1436
citing authors

#	ARTICLE	IF	CITATIONS
1	Riverscape genomics of a threatened fish across a hydroclimatically heterogeneous river basin. <i>Molecular Ecology</i> , 2016, 25, 5093-5113.	2.0	91
2	A novel holistic framework for genetic-based captive-breeding and reintroduction programs. <i>Conservation Biology</i> , 2016, 30, 1060-1069.	2.4	75
3	Freshwater fish conservation in the face of critical water shortages in the southern Murray-Darling Basin, Australia. <i>Marine and Freshwater Research</i> , 2013, 64, 807.	0.7	72
4	A rethink on <i>Retropinna</i> : conservation implications of new taxa and significant genetic sub-structure in Australian smelts (<i>Pisces:Retropinnidae</i>). <i>Marine and Freshwater Research</i> , 2007, 58, 327.	0.7	71
5	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 February 2013-31 March 2013. <i>Molecular Ecology Resources</i> , 2013, 13, 760-762.	2.2	58
6	Shifts in small-bodied fish assemblages resulting from drought-induced water level recession in terminating lakes of the Murray-Darling Basin, Australia. <i>Hydrobiologia</i> , 2012, 691, 35-46.	1.0	57
7	The role of continental shelf width in determining freshwater phylogeographic patterns in southeastern Australian pygmy perch (<i>Teleostei</i>) <i>TJ ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50497 Td</i>	1.0	50
8	Whole Genome Sequencing of the Asian Arowana (<i>Scleropages formosus</i>) Provides Insights into the Evolution of Ray-Finned Fishes. <i>Genome Biology and Evolution</i> , 2015, 7, 2885-2895.	1.1	43
9	Big trouble for little fish: identifying Australian freshwater fishes in imminent risk of extinction. <i>Pacific Conservation Biology</i> , 2020, 26, 365.	0.5	42
10	Molecular Phylogeny and Phylogeography of the Australian Freshwater Fish Genus <i>Galaxiella</i> , with an Emphasis on Dwarf <i>Galaxias</i> (<i>G. pusilla</i>). <i>PLoS ONE</i> , 2012, 7, e38433.	1.1	39
11	Phylogenetic analysis of trophic niche evolution reveals a latitudinal herbivory gradient in <i>Clupeoidei</i> (herrings, anchovies, and allies). <i>Molecular Phylogenetics and Evolution</i> , 2018, 124, 151-161.	1.2	37
12	Alien salmonids in Australia: Impediments to effective impact management, and future directions. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2004, 38, 447-455.	0.8	36
13	Phylogeographic structure in the threatened Yarra pygmy perch <i>Nannoperca obscura</i> (<i>Teleostei</i>) <i>TJ ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50497 Td</i> 213-223.	0.8	35
14	A Phylogenetic Analysis of Pygmy Perches (<i>Teleostei: Percichthyidae</i>) with an Assessment of the Major Historical Influences on Aquatic Biogeography in Southern Australia. <i>Systematic Biology</i> , 2011, 60, 797-812.	2.7	35
15	An annotated checklist of the fishes of the Northern Territory, Australia. <i>Zootaxa</i> , 2013, 3696, 1.	0.2	34
16	Freshwater fishes of northern Australia. <i>Zootaxa</i> , 2017, 4253, 1.	0.2	34
17	Conservation of an inauspicious endangered freshwater fish, Murray hardyhead (<i>Craterocephalus</i>) <i>TJ ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50497 Td</i> <i>Marine and Freshwater Research</i> , 2013, 64, 792.	0.7	32
18	Catchment-Scale Conservation Units Identified for the Threatened Yarra Pygmy Perch (<i>Nannoperca</i>) <i>TJ ETQq0 0 0 rgBT /Overlock 10 Tf 50497 Td</i>	1.1	29

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19	Range-wide fragmentation in a threatened fish associated with post-European settlement modification in the Murrayâ€“Darling Basin, Australia. <i>Conservation Genetics</i> , 2016, 17, 1377-1391.	0.8	29
20	A multigene molecular assessment of cryptic biodiversity in the iconic freshwater blackfishes (Teleostei: Percichthyidae: <i>Gadopsis</i>) of south-eastern Australia. <i>Biological Journal of the Linnean Society</i> , 2014, 111, 521-540.	0.7	28
21	Letâ€™s not forget the small fishes â€“ conservation of two threatened species of pygmy perch in south-eastern Australia. <i>Marine and Freshwater Research</i> , 2013, 64, 874.	0.7	27
22	Use of Congeneric Assessment to Reveal the Linked Genetic Histories of Two Threatened Fishes in the Murray-Darling Basin, Australia. <i>Conservation Biology</i> , 2011, 25, 767-776.	2.4	21
23	Cryptic biodiversity in the freshwater fishes of the Kimberley endemism hotspot, northwestern Australia. <i>Molecular Phylogenetics and Evolution</i> , 2018, 127, 843-858.	1.2	21
24	Genome-wide SNPs resolve a key conflict between sequence and allozyme data to confirm another threatened candidate species of river blackfishes (Teleostei: Percichthyidae: <i>Gadopsis</i>). <i>Molecular Phylogenetics and Evolution</i> , 2017, 109, 415-420.	1.2	18
25	Spatial and temporal variability in fish community structure in Mediterranean climate temporary streams. <i>Fundamental and Applied Limnology</i> , 2015, 187, 135-150.	0.4	17
26	Transport pathways shape the biogeography of alien freshwater fishes in Australia. <i>Diversity and Distributions</i> , 2018, 24, 1405-1415.	1.9	17
27	Landscape genetics informs mesohabitat preference and conservation priorities for a surrogate indicator species in a highly fragmented river system. <i>Heredity</i> , 2017, 118, 374-384.	1.2	16
28	Plioâ€“Pleistocene seaâ€“level changes drive speciation of freshwater fishes in northâ€“western Australia. <i>Journal of Biogeography</i> , 2020, 47, 1727-1738.	1.4	14
29	Regional extinction, rediscovery and rescue of a freshwater fish from a highly modified environment: The need for rapid response. <i>Biological Conservation</i> , 2015, 192, 91-100.	1.9	13
30	Diets and trophic guilds of small fishes from coastal marine habitats in western Taiwan. <i>Journal of Fish Biology</i> , 2017, 91, 331-345.	0.7	13
31	Perspectives on the clonal persistence of presumed â€“ghostâ€™ genomes in unisexual or allopolyploid taxa arising via hybridization. <i>Scientific Reports</i> , 2019, 9, 4730.	1.6	12
32	Flow regulation simplifies a lowland fish assemblage in the Lower River Murray, South Australia. <i>Transactions of the Royal Society of South Australia</i> , 2017, 141, 169-192.	0.1	11
33	Comparison of genetic structure in co-occurring freshwater eleotrids (Actinopterygii: Philypnodon) reveals cryptic species, likely translocation and regional conservation hotspots. <i>Molecular Phylogenetics and Evolution</i> , 2019, 139, 106556.	1.2	11
34	Plotting for change: an analytical framework to aid decisions on which lineages are candidate species in phylogenomic species discovery. <i>Biological Journal of the Linnean Society</i> , 2022, 135, 117-137.	0.7	11
35	The roles of aridification and sea level changes in the diversification and persistence of freshwater fish lineages. <i>Molecular Ecology</i> , 2021, 30, 4866-4883.	2.0	10
36	Development of 21 microsatellite markers for the threatened Yarra pygmy perch (<i>Nannoperca obscura</i>) through 454 shot-gun pyrosequencing. <i>Conservation Genetics Resources</i> , 2011, 3, 601-604.	0.4	9

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37	Update to the catalogue of South Australian freshwater fishes (Petromyzontida & Actinopterygii). <i>Zootaxa</i> , 2012, 3593, 59.	0.2	9
38	Development of 15 microsatellite loci from mulloway, <i>Argyrosomus japonicus</i> (Pisces: Sciaenidae) using next generation sequencing and an assessment of their cross amplification in other sciaenids. <i>Conservation Genetics Resources</i> , 2014, 6, 345-348.	0.4	9
39	Multi-generational evaluation of genetic diversity and parentage in captive southern pygmy perch (<i>Nannoperca australis</i>). <i>Conservation Genetics</i> , 2016, 17, 1469-1473.	0.8	9
40	Population genetics of a widely distributed small freshwater fish with varying conservation concerns: the southern purple-spotted gudgeon, <i>Mogurnda adspersa</i> . <i>Conservation Genetics</i> , 2016, 17, 875-889.	0.8	9
41	Rapid shifts in behavioural traits during a recent fish invasion. <i>Behavioral Ecology and Sociobiology</i> , 2021, 75, 1.	0.6	9
42	Resolving the taxonomy, range and ecology of biogeographically isolated and critically endangered populations of an Australian freshwater galaxiid, <i>Galaxias truttaceus</i> . <i>Pacific Conservation Biology</i> , 2016, 22, 350.	0.5	9
43	Critically low levels of genetic diversity in fragmented populations of the endangered Glenelg spiny freshwater crayfish <i>Euastacus bispinosus</i> . <i>Endangered Species Research</i> , 2014, 25, 43-55.	1.2	9
44	Isolation and PCR-multiplex genotyping of 18 novel microsatellite markers for the threatened southern pygmy perch (<i>Nannoperca australis</i>). <i>Conservation Genetics Resources</i> , 2012, 4, 15-17.	0.4	8
45	Characterization of MHC class IIB for four endangered Australian freshwater fishes obtained from ecologically divergent populations. <i>Fish and Shellfish Immunology</i> , 2015, 46, 468-476.	1.6	8
46	Accurate systematic frameworks are vital to advance ecological and evolutionary studies, with an example from Australian freshwater fish (<i>Hypseleotris</i>). <i>Marine and Freshwater Research</i> , 2017, 68, 1199.	0.7	8
47	First detection of <i>Edwardsiella ictaluri</i> (Proteobacteria: Enterobacteriaceae) in wild Australian catfish. <i>Journal of Fish Diseases</i> , 2018, 41, 199-208.	0.9	8
48	Establishment of Siamese Fighting Fish on the Adelaide River floodplain: the first serious invasive fish in the Northern Territory, Australia. <i>Biological Invasions</i> , 2019, 21, 2269-2279.	1.2	8
49	Estuarine fishes of the South Alligator River, Kakadu National Park, northern Australia. <i>Marine and Freshwater Research</i> , 2016, 67, 1797.	0.7	7
50	Revision of the Australian Wet Tropics endemic rainbowfish genus <i>Cairnsichthys</i> (Atheriniformes:). <i>Tropical Conservation and Science</i> , 2019, 12, 1-10.	0.2	7
51	A review of the <i>Glossogobius giuris</i> complex in Australia, with wider discussion on nomenclature and possible synonymies. <i>Zootaxa</i> , 2021, 4974, 79115.	0.2	7
52	Development of 18 microsatellite markers for the southern purple-spotted gudgeon (<i>Mogurnda</i>). <i>Conservation Genetics Resources</i> , 2012, 4, 339-341.	0.4	6
53	Managing fish species under threat: case studies from the Native Fish Strategy for the Murray-Darling Basin, Australia. <i>Ecological Management and Restoration</i> , 2014, 15, 57-61.	0.7	6
54	Unravelling the taxonomy and identification of a problematic group of benthic fishes from tropical rivers (Gobiidae: <i>Glossogobius</i>). <i>Journal of Fish Biology</i> , 2021, 99, 87-100.	0.7	6

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55	Longitudinal monitoring of neutral and adaptive genomic diversity in a reintroduction. <i>Conservation Biology</i> , 2022, 36, .	2.4	6
56	Linking the recruitment and survivorship of a freshwater stream-specialist fish species to flow metrics in Mediterranean climate temporary streams. <i>Hydrological Sciences Journal</i> , 2017, 62, 2614-2630.	1.2	5
57	Phylogeny, diversification, and biogeography of a hemiclinal hybrid system of native Australian freshwater fishes (Gobiiformes: Gobioidae: Eleotridae: Hypseleotris). <i>Bmc Ecology and Evolution</i> , 2022, 22, 22.	0.7	5
58	Range Extensions for Four Estuarine Gobies (Pisces: Gobiidae) in Southern Australia: Historically Overlooked Native Taxa or Recent Arrivals?. <i>Transactions of the Royal Society of South Australia</i> , 2006, 130, 187-196.	0.1	4
59	Assessing the status of a disjunct population of the endangered crayfish <i>Euastacus bispinosus</i> in a karst rising spring habitat in southern Australia. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2015, 25, 599-608.	0.9	3
60	Effect of salinity on growth of juvenile Yarra pygmy perch (<i>Nannoperca obscura</i> : Percichthyidae). <i>Environmental Biology of Fishes</i> , 2015, 98, 1491-1500.	0.4	3
61	Two new species of dwarf rainbowfishes (Atheriniformes: Melanotaeniidae) from northern Australia and southern New Guinea. <i>Zootaxa</i> , 2019, 4701, zootaxa.4701.3.1.	0.2	3
62	Range-wide population genetics study informs on conservation translocations and reintroductions for the endangered Murray hardyhead (<i>Craterocephalus fluviatilis</i>). <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 1959-1974.	0.9	3
63	A set of microsatellite markers for the threatened Murray hardyhead, <i>Craterocephalus fluviatilis</i> (Pisces: Atherinidae) from the southern Murray Darling Basin. <i>Conservation Genetics Resources</i> , 2014, 6, 473-475.	0.4	2
64	The complete mitogenome of the minute mudskipper, <i>Periophthalmus minutus</i> Eggert, 1935 (Perciformes: Gobiidae: Oxudercinae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 4187-4188.	0.7	2
65	Clear as mud: the ecology and conservation of a secretive wetland fish (<i>Neochanna</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 347 779-795.	0.7	2
66	Surprising Pseudogobius: Molecular systematics of benthic gobies reveals new insights into estuarine biodiversity (Teleostei: Gobiiformes). <i>Molecular Phylogenetics and Evolution</i> , 2021, 160, 107140.	1.2	2
67	Freshwater fishes of three tributaries of the Pentecost River, Kimberley, Western Australia. <i>Records of the Western Australian Museum</i> , 2015, 30, 64.	0.8	2
68	Variation in intraspecific demography drives localised concordance but species-wide discordance in response to past climatic change. <i>Bmc Ecology and Evolution</i> , 2022, 22, 35.	0.7	2
69	A new species of Near-shore Marine Goby (Pisces: Gobiidae:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td (N 2015, 4057, 371.	0.2	0