

Dean M Gilligan

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,596
citations

304743

22
h-index

315739

38
g-index

48
all docs

48
docs citations

48
times ranked

2001
citing authors

#	ARTICLE	IF	CITATIONS
1	Labile sex chromosomes in the Australian freshwater fish family Percichthyidae. <i>Molecular Ecology Resources</i> , 2022, 22, 1639-1655.	4.8	4
2	Genomics outperforms genetics to manage mistakes in fisheries stocking of threatened species. <i>Biodiversity and Conservation</i> , 2022, 31, 895-908.	2.6	2
3	Metagenomic sequencing reveals a lack of virus exchange between native and invasive freshwater fish across the Murray–Darling Basin, Australia. <i>Virus Evolution</i> , 2021, 7, veab034.	4.9	27
4	The value of quantitative environmental DNA analyses for the management of invasive and endangered native fish. <i>Freshwater Biology</i> , 2021, 66, 1619-1629.	2.4	10
5	Geographic Distribution of Epizootic haematopoietic necrosis virus (EHNV) in Freshwater Fish in South Eastern Australia: Lost Opportunity for a Notifiable Pathogen to Expand Its Geographic Range. <i>Viruses</i> , 2019, 11, 315.	3.3	3
6	Coupling environment and physiology to predict effects of climate change on the taxonomic and functional diversity of fish assemblages in the Murray-Darling Basin, Australia. <i>PLoS ONE</i> , 2019, 14, e0225128.	2.5	17
7	Daily age determination and growth rates of freshwater fish throughout a regulated lotic system of the Murray–Darling Basin Australia. <i>Journal of Applied Ichthyology</i> , 2019, 35, 457-464.	0.7	5
8	Ecological disturbance influences adaptive divergence despite high gene flow in golden perch (<i>Macquaria ambigua</i>): Implications for management and resilience to climate change. <i>Molecular Ecology</i> , 2018, 27, 196-215.	3.9	24
9	Severe consequences of habitat fragmentation on genetic diversity of an endangered Australian freshwater fish: A call for assisted gene flow. <i>Evolutionary Applications</i> , 2017, 10, 531-550.	3.1	119
10	Genome-wide data delimits multiple climate-determined species ranges in a widespread Australian fish, the golden perch (<i>Macquaria ambigua</i>). <i>Molecular Phylogenetics and Evolution</i> , 2017, 111, 65-75.	2.7	42
11	Cyprinid herpesvirus 3 as a potential biological control agent for carp (<i>Cyprinus carpio</i>) in Australia: susceptibility of non-target species. <i>Journal of Fish Diseases</i> , 2017, 40, 1141-1153.	1.9	19
12	Purifying selection and genetic drift shaped Pleistocene evolution of the mitochondrial genome in an endangered Australian freshwater fish. <i>Heredity</i> , 2017, 118, 466-476.	2.6	39
13	Signatures of polygenic adaptation associated with climate across the range of a threatened fish species with high genetic connectivity. <i>Molecular Ecology</i> , 2017, 26, 6253-6269.	3.9	34
14	Genetic analyses reveal limited dispersal and recovery potential in the large freshwater crayfish <i>Euastacus armatus</i> from the southern Murray–Darling Basin. <i>Marine and Freshwater Research</i> , 2017, 68, 213.	1.3	14
15	Susceptibility of Australian Redfin Perch <i>Perca fluviatilis</i> Experimentally Challenged with Epizootic Hematopoietic Necrosis Virus (EHNV). <i>Journal of Aquatic Animal Health</i> , 2016, 28, 122-130.	1.4	6
16	Identifying environmental correlates of intraspecific genetic variation. <i>Heredity</i> , 2016, 117, 155-164.	2.6	8
17	Spangled perch (<i>Lepomis gibbosus</i>) in the southern Murray–Darling Basin: Flood dispersal and short-term persistence outside its core range. <i>Austral Ecology</i> , 2015, 40, 591-600.	1.5	3
18	Complex biogeography and historic translocations lead to complicated phylogeographic structure of freshwater eel-tailed catfish (<i>Tandanus</i> spp.) in south-eastern Australia. <i>Conservation Genetics</i> , 2015, 16, 777-790.	1.5	7

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19	Optimising an integrated pest-management strategy for a spatially structured population of common carp (<i>Cyprinus carpio</i>) using meta-population modelling. <i>Marine and Freshwater Research</i> , 2014, 65, 538.	1.3	32
20	Toward river health assessment using species distributional modeling. <i>Ecological Indicators</i> , 2013, 29, 138-144.	6.3	21
21	Recruitment sources and dispersal of an invasive fish in a large river system as revealed by otolith chemistry analysis. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013, 70, 953-963.	1.4	30
22	Experimental Infection of Australian Freshwater Fish with Epizootic Haematopoietic Necrosis Virus (EHNV). <i>Journal of Aquatic Animal Health</i> , 2013, 25, 66-76.	1.4	24
23	Recovery of the endangered trout cod, <i>Maccullochella macquariensis</i> : what have we achieved in more than 25 years?. <i>Marine and Freshwater Research</i> , 2013, 64, 822.	1.3	24
24	Cryptic hybridization and introgression between invasive <i>Cyprinus carpio</i> and <i>Carassius auratus</i> in Australia: implications for invasive species management. <i>Animal Conservation</i> , 2012, 15, 83-94.	2.9	33
25	Experimental Examination of the Potential for Three Introduced Fish Species to Prey on Tadpoles of the Endangered Booroolong Frog, <i>Litoria booroolongensis</i> . <i>Journal of Herpetology</i> , 2011, 45, 181-185.	0.5	17
26	Historic divergence with contemporary connectivity in a catadromous fish, the estuary perch (<i>Macquaria colonorum</i>). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 304-318.	1.4	22
27	A hybrid zone and bidirectional introgression between two catadromous species: Australian bass <i>Macquaria novemaculeata</i> and estuary perch <i>Macquaria colonorum</i> . <i>Journal of Fish Biology</i> , 2011, 79, 1214-1235.	1.6	9
28	The role of anthropogenic vs. natural in-stream structures in determining connectivity and genetic diversity in an endangered freshwater fish, Macquarie perch (<i>Macquaria australasica</i>). <i>Evolutionary Applications</i> , 2011, 4, 589-601.	3.1	66
29	Isolation and characterisation of microsatellite loci in the Australian freshwater catfish (<i>Tandanus t. t.</i>)	1.0784314	7
30	Evolution and maintenance of divergent lineages in an endangered freshwater fish, <i>Macquaria australasica</i> . <i>Conservation Genetics</i> , 2010, 11, 921-934.	1.5	41
31	Islands of water in a sea of dry land: hydrological regime predicts genetic diversity and dispersal in a widespread fish from Australia's arid zone, the golden perch (<i>Macquaria ambigua</i>). <i>Molecular Ecology</i> , 2010, 19, 4723-4737.	3.9	67
32	Clarifying an ambiguous evolutionary history: range-wide phylogeography of an Australian freshwater fish, the golden perch (<i>Macquaria ambigua</i>). <i>Journal of Biogeography</i> , 2010, 37, 1329-1340.	3.0	28
33	Population genetics of invasive common carp <i>Cyprinus carpio</i> L. in coastal drainages in eastern Australia. <i>Journal of Fish Biology</i> , 2010, 77, 1150-1157.	1.6	8
34	Population genetics and management units of invasive common carp <i>Cyprinus carpio</i> in the Murray-Darling Basin, Australia. <i>Journal of Fish Biology</i> , 2009, 75, 295-320.	1.6	22
35	Estimating species richness and catch per unit effort from boat electrofishing in a lowland river in temperate Australia. <i>Austral Ecology</i> , 2008, 33, 891-901.	1.5	16
36	Phylogeography of a threatened freshwater fish (<i>Mogurnda adspersa</i>) in eastern Australia: conservation implications. <i>Marine and Freshwater Research</i> , 2008, 59, 89.	1.3	32

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37	Mortality of larval Murray cod (<i>Maccullochella peelii peelii</i>) and golden perch (<i>Macquaria ambigua</i>) associated with passage through two types of low-head weirs. <i>Marine and Freshwater Research</i> , 2006, 57, 187.	1.3	50
38	Comparative losses of quantitative and molecular genetic variation in finite populations of <i>Drosophila melanogaster</i> . <i>Genetical Research</i> , 2005, 85, 47-55.	0.9	51
39	Dynamics of genetic adaptation to captivity. <i>Conservation Genetics</i> , 2003, 4, 189-197.	1.5	81
40	Changes in fish communities of the Shoalhaven River 20 years after construction of Tallowa Dam, Australia. <i>River Research and Applications</i> , 2002, 18, 265-286.	1.7	175
41	Inbreeding and extinction: Effects of purging. <i>Conservation Genetics</i> , 2001, 2, 279-284.	1.5	104
42	Can fluctuating asymmetry be used to detect inbreeding and loss of genetic diversity in endangered populations?. <i>Animal Conservation</i> , 2000, 3, 97-104.	2.9	53
43	Title is missing!. <i>Conservation Genetics</i> , 2000, 1, 33-43.	1.5	90
44	Is Mutation Accumulation a Threat to the Survival of Endangered Populations?. ¿Es la Acumulacion de Mutaciones una Amenaza para la Supervivencia de Poblaciones en Peligro?. <i>Conservation Biology</i> , 1997, 11, 1235-1241.	4.7	67
45	“Ragged mountain ranges, droughts and flooding rains”™: the evolutionary history and conservation of Australian freshwater fishes. , 0, , 492-511.		0
46	Monitoring riverine fish communities through eDNA metabarcoding: determining optimal sampling strategies along an altitudinal and biodiversity gradient. <i>Metabarcoding and Metagenomics</i> , 0, 2, .	0.0	42
47	Aridification-driven evolution of a migratory fish revealed by niche modelling and coalescence simulations. <i>Journal of Biogeography</i> , 0, , .	3.0	1