

Peter A Ritchie

List of Publications by Year in descending order

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57
papers

1,947
citations

257357

24
h-index

265120

42
g-index

60
all docs

60
docs citations

60
times ranked

2565
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic effects of harvest on wild animal populations. <i>Trends in Ecology and Evolution</i> , 2008, 23, 327-337.	4.2	495
2	Origin, diversification, and systematics of the New Zealand skink fauna (Reptilia: Scincidae). <i>Molecular Phylogenetics and Evolution</i> , 2009, 52, 470-487.	1.2	104
3	Ancient DNA Enables Timing of the Pleistocene Origin and Holocene Expansion of Two Adelie Penguin Lineages in Antarctica. <i>Molecular Biology and Evolution</i> , 2003, 21, 240-248.	3.5	82
4	Mutation and Evolutionary Rates in Adelie Penguins from the Antarctic. <i>PLoS Genetics</i> , 2008, 4, e1000209.	1.5	79
5	Mitochondrial Phylogeny of Trematomid Fishes (Nototheniidae, Perciformes) and the Evolution of Antarctic Fish. <i>Molecular Phylogenetics and Evolution</i> , 1996, 5, 383-390.	1.2	78
6	Evidence for specificity of psittacine beak and feather disease viruses among avian hosts. <i>Virology</i> , 2003, 306, 109-115.	1.1	78
7	Gene flow on the ice: genetic differentiation among Adelie penguin colonies around Antarctica. <i>Molecular Ecology</i> , 2001, 10, 1645-1656.	2.0	71
8	Molecular phylogenetics and the evolution of Antarctic notothenioid fishes. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1997, 118, 1009-1025.	0.7	60
9	DNA sequences from three genomes reveal multiple long-distance dispersals and non-monophyly of sections in Australasian <i>Plantago</i> (Plantaginaceae). <i>Australian Systematic Botany</i> , 2010, 23, 47.	0.3	49
10	Phylogeography of the spotted skink (<i>Oligosoma lineocellatum</i>) and green skink (<i>O. chloronoton</i>) species complex (Lacertilia: Scincidae) in New Zealand reveals pre-Pleistocene divergence. <i>Molecular Phylogenetics and Evolution</i> , 2007, 45, 729-739.	1.2	48
11	Inferring historical introduction pathways with mitochondrial DNA: the case of introduced Argentine ants (<i>Linepithema humile</i>) into New Zealand. <i>Diversity and Distributions</i> , 2007, 13, 510-518.	1.9	45
12	Comparative phylogeography reveals pre-decline population structure of New Zealand <i>Cyclodina</i> (Reptilia: Scincidae) species. <i>Biological Journal of the Linnean Society</i> , 0, 95, 388-408.	0.7	40
13	A SINE of restricted gene flow across the Alpine Fault: phylogeography of the New Zealand common skink (<i>Oligosoma nigriplantare polychroma</i>). <i>Molecular Ecology</i> , 2008, 17, 3668-3683.	2.0	40
14	Origin and post-colonization evolution of the Chatham Islands skink (<i>Oligosoma nigriplantare</i>)	2.0	38
15	High-Density Linkage Map and QTLs for Growth in Snapper (<i>Chrysophrys auratus</i>). <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 1027-1035.	0.8	35
16	Fifteen years of quantitative trait loci studies in fish: challenges and future directions. <i>Molecular Ecology</i> , 2017, 26, 1465-1476.	2.0	34
17	A repeat complex in the mitochondrial control region of Adelie penguins from Antarctica. <i>Genome</i> , 2000, 43, 613-618.	0.9	30
18	Genetic divergences predate Pleistocene glacial cycles in the New Zealand speckled skink, <i>Oligosoma infrapunctatum</i> . <i>Journal of Biogeography</i> , 2008, 35, 853-864.	1.4	30

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19	Phylogeographic history of the New Zealand stick insect <i>Niveaphasma annulata</i> (Phasmatodea) estimated from mitochondrial and nuclear loci. <i>Molecular Phylogenetics and Evolution</i> , 2009, 53, 523-536.	1.2	30
20	Unlocking the potential of ancient fish DNA in the genomic era. <i>Evolutionary Applications</i> , 2019, 12, 1513-1522.	1.5	30
21	Genetic stock structure of New Zealand fish and the use of genomics in fisheries management: an overview and outlook. <i>New Zealand Journal of Zoology</i> , 2021, 48, 1-31.	0.6	29
22	New DNA markers for penguins. <i>Conservation Genetics</i> , 2002, 3, 341-344.	0.8	28
23	Phylogeography of two New Zealand lizards: McCann's skink (<i>Oligosoma maccanni</i>) and the brown skink (<i>O. zelandicum</i>). <i>Molecular Phylogenetics and Evolution</i> , 2008, 48, 1168-1177.	1.2	28
24	First records of egg masses of <i>Nototodarus gouldi</i> McCoy, 1888 (Mollusca: Cephalopoda). <i>Journal of Zoology</i> , 2004, 31, 161-166.	0.6	27
25	Phylogeny and generic taxonomy of the New Zealand Pteridaceae ferns from chloroplast <i>rbcl</i> DNA sequences. <i>Australian Systematic Botany</i> , 2010, 23, 143.	0.3	27
26	Low levels of global genetic differentiation and population expansion in the deep-sea teleost <i>Hoplostethus atlanticus</i> revealed by mitochondrial DNA sequences. <i>Marine Biology</i> , 2012, 159, 1049-1060.	0.7	24
27	A Retrospective Approach to Testing the DNA Barcoding Method. <i>PLoS ONE</i> , 2013, 8, e77882.	1.1	24
28	Genetic diversity and heritability of economically important traits in captive Australasian snapper (<i>Chrysophrys auratus</i>). <i>Aquaculture</i> , 2019, 505, 190-198.	1.7	23
29	Taxonomic revision of the marbled skink (<i>Cyclodina oliveri</i>), Reptilia: Scincidae species complex, with a description of a new species. <i>New Zealand Journal of Zoology</i> , 2008, 35, 129-146.	0.6	22
30	Global genetic population structure in the commercially exploited deep-sea teleost orange roughy (<i>Hoplostethus atlanticus</i>) based on microsatellite DNA analyses. <i>Fisheries Research</i> , 2013, 140, 83-90.	0.9	19
31	DNA degradation in fish: Practical solutions and guidelines to improve DNA preservation for genomic research. <i>Ecology and Evolution</i> , 2020, 10, 8643-8651.	0.8	19
32	Demographic history and the South Pacific dispersal barrier for school shark (<i>Galeorhinus galeus</i>) inferred by mitochondrial DNA and microsatellite DNA mark. <i>Fisheries Research</i> , 2015, 167, 132-142.	0.9	15
33	Recent behavioural and population genetic divergence of an invasive ant in a novel environment. <i>Diversity and Distributions</i> , 2012, 18, 323-333.	1.9	12
34	Limited mitochondrial DNA variation within South Africa's black rhino (<i>Diceros bicornis minor</i>) population and implications for management. <i>African Journal of Ecology</i> , 2012, 50, 404-413.	0.4	12
35	Evaluating new species for aquaculture: A genomic dissection of growth in the New Zealand silver trevally (<i>Pseudocaranx georgianus</i>). <i>Evolutionary Applications</i> , 2022, 15, 591-602.	1.5	12
36	Five new species of <i>Corybas</i> (Diurideae, Orchidaceae) endemic to New Zealand and phylogeny of the <i>Nematoceras</i> clade. <i>Phytotaxa</i> , 2016, 270, 1.	0.1	11

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37	Genetic diversity is positively associated with fine-scale momentary abundance of an invasive ant. <i>Ecology and Evolution</i> , 2012, 2, 2091-2105.	0.8	9
38	Late-Holocene Penguin Occupation and Diet at King George Island Antarctic Peninsula. <i>Antarctic Research Series</i> , 2013, , 171-180.	0.2	9
39	Population genetic connectivity of an endemic New Zealand passerine after large-scale local extirpations: a model of re-colonization potential. <i>Ibis</i> , 2014, 156, 826-839.	1.0	9
40	Genetic connectivity among populations of two congeneric direct-developing whelks varies across spatial scales. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2018, 52, 100-117.	0.8	9
41	Genetic structure and individual performance following a recent founding event in a small lizard. <i>Conservation Genetics</i> , 2011, 12, 461-473.	0.8	8
42	Phylogenetic affinities and <i>in vitro</i> seed germination of the threatened New Zealand orchid <i>Spiranthes novae-zelandiae</i> . <i>New Zealand Journal of Botany</i> , 2018, 56, 91-108.	0.8	8
43	Phylogeographic structure and historical demography of tarakihi (<i>Nemadactylus macropterus</i>) and king tarakihi (<i>Nemadactylus</i> n.sp.) in New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2022, 56, 247-271.	0.8	8
44	Unraveling the complex genetic basis of growth in New Zealand silver trevally (<i>Pseudocaranx</i>). <i>Overlook</i> , 2021, 10, 1-50.	0.8	8
45	The phylogeography and population genetics of <i>Polyprion oxygeneios</i> based on mitochondrial DNA sequences and microsatellite DNA markers. <i>Fisheries Research</i> , 2016, 174, 19-29.	0.9	7
46	Genetic connectivity in allopatric seabirds: lack of inferred gene flow between Northern and Southern Buller's albatross populations (<i>Thalassarche bulleri</i> ssp.). <i>Emu</i> , 2021, 121, 113-123.	0.2	6
47	Fine-scale genetic structure across a New Zealand disjunction for the direct-developing intertidal whelk <i>Cominella maculosa</i> (Gastropoda: Buccinidae). <i>Biological Journal of the Linnean Society</i> , 2018, 123, 593-602.	0.7	5
48	Phylogeography of the New Zealand whelks <i>Cominella maculosa</i> and <i>C. virgata</i> (Gastropoda: Neogastropoda: Buccinoidea: Buccinidae). <i>Biological Journal of the Linnean Society</i> , 2019, 126, 178-202.	0.7	5
49	Differential expression analyses reveal extensive transcriptional plasticity induced by temperature in New Zealand silver trevally (<i>Pseudocaranx georgianus</i>). <i>Evolutionary Applications</i> , 2022, 15, 237-248.	1.5	5
50	Critical amino acid replacements in the rhodopsin gene of 19 teleost species occupying different light environments from shallow-waters to the deep-sea. <i>Environmental Biology of Fishes</i> , 2015, 98, 193-200.	0.4	4
51	Two new species of <i>Gastrodia</i> (Gastrodieae, Orchidaceae) endemic to New Zealand. <i>Phytotaxa</i> , 2016, 277, 237.	0.1	3
52	Description of the growth hormone gene of the Australasian snapper, <i>Chrysophrys auratus</i> , and associated intra- and interspecific genetic variation. <i>Journal of Fish Biology</i> , 2021, 99, 1060-1070.	0.7	3
53	Genomic Stock Structure of the Marine Teleost Tarakihi (<i>Nemadactylus macropterus</i>) Provides Evidence of Potential Fine-Scale Adaptation and a Temperature-Associated Cline Amid Panmixia. <i>Frontiers in Ecology and Evolution</i> , 2021, 12, .	1.1	3
54	Twelve new microsatellite loci for the Korimako (New Zealand Bellbird), <i>Anthornis melanura</i> . <i>Conservation Genetics Resources</i> , 2010, 2, 257-259.	0.4	2

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55	Genetic structure and recent population expansion in the commercially harvested deep-sea decapod, <i>Metanephrops challengeri</i> (Crustacea: Decapoda). <i>New Zealand Journal of Marine and Freshwater Research</i> , 2020, 54, 251-270.	0.8	2
56	Characterisation of novel microsatellite markers for the surf clams <i>Paphies subtriangulata</i> and <i>P. australis</i> (Bivalvia: Mesodesmatidae). <i>Conservation Genetics Resources</i> , 2014, 6, 315-317.	0.4	0
57	The endospermic origin of the storage tissue of a rare tree endemic to Chile, <i>Gomortega keule</i> , is confirmed by microsatellites. <i>New Zealand Journal of Botany</i> , 2020, 58, 201-213.	0.8	0