

Neil Gemmell

List of Publications by Year in descending order

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Version: 2024-02-01

210
papers

12,037
citations

32410

55
h-index

40945

97
g-index

234
all docs

234
docs citations

234
times ranked

17286
citing authors

#	ARTICLE	IF	CITATIONS
1	The association between personalities, alternative breeding strategies and reproductive success in dunnocks. <i>Journal of Evolutionary Biology</i> , 2022, 35, 539-551.	0.8	5
2	Population Genomics of New Zealand Pouched Lamprey (<i>kanakana</i> ; <i>piharau</i> ; <i>Geotria australis</i>). <i>Journal of Heredity</i> , 2022, 113, 380-397.	1.0	6
3	Comparison of Reptilian Genomes Reveals Deletions Associated with the Natural Loss of $\hat{I}^3\hat{I}$ T Cells in Squamates. <i>Journal of Immunology</i> , 2022, 208, 1960-1967.	0.4	10
4	Haplotype-resolved assembly of diploid genomes without parental data. <i>Nature Biotechnology</i> , 2022, 40, 1332-1335.	9.4	139
5	Genome sequencing of an archaic reptile both answers and asks questions. <i>Zoology</i> , 2021, 144, 125862.	0.6	1
6	A genome-wide investigation of adaptive signatures in protein-coding genes related to tool behaviour in New Caledonian and Hawaiian crows. <i>Molecular Ecology</i> , 2021, 30, 973-986.	2.0	2
7	Might Gene Duplication and Neofunctionalization Contribute to the Sexual Lability Observed in Fish?. <i>Sexual Development</i> , 2021, 15, 122-133.	1.1	6
8	A validation of Illumina EPIC array system with bisulfite-based amplicon sequencing. <i>PeerJ</i> , 2021, 9, e10762.	0.9	11
9	Repetitive DNA: genomic dark matter matters. <i>Nature Reviews Genetics</i> , 2021, 22, 342-342.	7.7	12
10	The Southern Hemisphere lampreys (Geotriidae and Mordaciidae). <i>Reviews in Fish Biology and Fisheries</i> , 2021, 31, 201-232.	2.4	8
11	Towards the Optimization of eDNA/eRNA Sampling Technologies for Marine Biosecurity Surveillance. <i>Water (Switzerland)</i> , 2021, 13, 1113.	1.2	43
12	Evolution of the "world's only alpine parrot": Genomic adaptation or phenotypic plasticity, behaviour and ecology?. <i>Molecular Ecology</i> , 2021, 30, 6370-6386.	2.0	11
13	Slippery when wet: cross-species transmission of divergent coronaviruses in bony and jawless fish and the evolutionary history of the <i>Coronaviridae</i> . <i>Virus Evolution</i> , 2021, 7, veab050.	2.2	23
14	The Adaptiveness of Host Behavioural Manipulation Assessed Using Tinbergen's Four Questions. <i>Trends in Parasitology</i> , 2021, 37, 597-609.	1.5	12
15	Evidence of two deeply divergent co-existing mitochondrial genomes in the Tuatara reveals an extremely complex genomic organization. <i>Communications Biology</i> , 2021, 4, 116.	2.0	16
16	A new experimental model for the investigation of sequential hermaphroditism. <i>Scientific Reports</i> , 2021, 11, 22881.	1.6	7
17	The Genetics and Epigenetics of Sex Change in Fish. <i>Annual Review of Animal Biosciences</i> , 2020, 8, 47-69.	3.6	60
18	Purifying Selection in Corvids Is Less Efficient on Islands. <i>Molecular Biology and Evolution</i> , 2020, 37, 469-474.	3.5	24

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19	Water stratification in the marine biome restricts vertical environmental DNA (eDNA) signal dispersal. <i>Environmental DNA</i> , 2020, 2, 99-111.	3.1	74
20	Resistance to natural and synthetic gene drive systems. <i>Journal of Evolutionary Biology</i> , 2020, 33, 1345-1360.	0.8	43
21	Dense sampling of bird diversity increases power of comparative genomics. <i>Nature</i> , 2020, 587, 252-257.	13.7	251
22	The tuatara genome reveals ancient features of amniote evolution. <i>Nature</i> , 2020, 584, 403-409.	13.7	105
23	Ovarian fluid proteome variation associates with sperm swimming speed in an externally fertilizing fish. <i>Journal of Evolutionary Biology</i> , 2020, 33, 1783-1794.	0.8	10
24	<i>Sphenodon punctatus</i> (tuatara). <i>Trends in Genetics</i> , 2020, 36, 998-999.	2.9	0
25	Dunnock social status correlates with sperm speed, but fast sperm does not always equal high fitness. <i>Journal of Evolutionary Biology</i> , 2020, 33, 1139-1148.	0.8	8
26	Determinants of genetic variation across eco-evolutionary scales in pinnipeds. <i>Nature Ecology and Evolution</i> , 2020, 4, 1095-1104.	3.4	47
27	Genetic Biocontrol for Invasive Species. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 452.	2.0	78
28	Genome-wide DNA methylation analysis of heavy cannabis exposure in a New Zealand longitudinal cohort. <i>Translational Psychiatry</i> , 2020, 10, 114.	2.4	28
29	DNA from mollusc shell: a valuable and underutilised substrate for genetic analyses. <i>PeerJ</i> , 2020, 8, e9420.	0.9	14
30	An in vitro ovarian explant culture system to examine sex change in a hermaphroditic fish. <i>PeerJ</i> , 2020, 8, e10323.	0.9	2
31	Zebrafish preserve global germline DNA methylation while sex-linked rDNA is amplified and demethylated during feminisation. <i>Nature Communications</i> , 2019, 10, 3053.	5.8	82
32	Stress, novel sex genes, and epigenetic reprogramming orchestrate socially controlled sex change. <i>Science Advances</i> , 2019, 5, eaaw7006.	4.7	99
33	Natural sex change in fish. <i>Current Topics in Developmental Biology</i> , 2019, 134, 71-117.	1.0	44
34	Species-level biodiversity assessment using marine environmental DNA metabarcoding requires protocol optimization and standardization. <i>Ecology and Evolution</i> , 2019, 9, 1323-1335.	0.8	62
35	The association between mitochondrial genetic variation and reduced colony fitness in an invasive wasp. <i>Molecular Ecology</i> , 2019, 28, 3324-3338.	2.0	9
36	Beyond Biodiversity: Can Environmental DNA (eDNA) Cut It as a Population Genetics Tool?. <i>Genes</i> , 2019, 10, 192.	1.0	160

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37	Molecular structure of sauropsid β -keratins from tuatara (<i>Sphenodon punctatus</i>). <i>Journal of Structural Biology</i> , 2019, 207, 21-28.	1.3	13
38	The complete mitogenome sequence of the agricultural pest, clover root weevil: the key to its own demise?. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 878-879.	0.2	2
39	Environmental DNA (eDNA) metabarcoding reveals strong discrimination among diverse marine habitats connected by water movement. <i>Molecular Ecology Resources</i> , 2019, 19, 426-438.	2.2	180
40	Conservation and diversity in expression of candidate genes regulating socially-induced female-male sex change in wrasses. <i>PeerJ</i> , 2019, 7, e7032.	0.9	23
41	De novo draft assembly of the <i>Botrylloides leachii</i> genome provides further insight into tunicate evolution. <i>Scientific Reports</i> , 2018, 8, 5518.	1.6	36
42	Genetic sex assignment in wild populations using genotyping-by-sequencing data: A statistical threshold approach. <i>Molecular Ecology Resources</i> , 2018, 18, 179-190.	2.2	17
43	Evidence that fertility trades off with early offspring fitness as males age. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172174.	1.2	33
44	The effects of transcription and recombination on mutational dynamics of short tandem repeats. <i>Nucleic Acids Research</i> , 2018, 46, 1321-1330.	6.5	14
45	Identification of sex differences in zebrafish (<i>Danio rerio</i>) brains during early sexual differentiation and masculinization using 17β -methyltestosterone. <i>Biology of Reproduction</i> , 2018, 99, 446-460.	1.2	21
46	Female Mimicry by Sneaker Males Has a Transcriptomic Signature in Both the Brain and the Gonad in a Sex-Changing Fish. <i>Molecular Biology and Evolution</i> , 2018, 35, 225-241.	3.5	29
47	Hiding in broad daylight: molecular and morphological data reveal a new ocean sunfish species (Tetraodontiformes: Molidae) that has eluded recognition. <i>Zoological Journal of the Linnean Society</i> , 2018, 182, 631-658.	1.0	24
48	The potential for the use of gene drives for pest control in New Zealand: a perspective. <i>Journal of the Royal Society of New Zealand</i> , 2018, 48, 225-244.	1.0	66
49	Demographic histories and genetic diversity across pinnipeds are shaped by human exploitation, ecology and life-history. <i>Nature Communications</i> , 2018, 9, 4836.	5.8	49
50	Sex Change in Fish. , 2018, , 192-197.		0
51	Reduced representation sequencing detects only subtle regional structure in a heavily exploited and rapidly recolonizing marine mammal species. <i>Ecology and Evolution</i> , 2018, 8, 8736-8749.	0.8	9
52	Evolutionary history of the podoplanin gene. <i>Gene Reports</i> , 2018, 13, 28-37.	0.4	3
53	Adipose transcriptome analysis provides novel insights into molecular regulation of prolonged fasting in northern elephant seal pups. <i>Physiological Genomics</i> , 2018, 50, 495-503.	1.0	15
54	Strong isolation by distance argues for separate population management of endangered blue duck (<i>Hymenolaimus malacorhynchos</i>). <i>Conservation Genetics</i> , 2017, 18, 327-341.	0.8	14

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55	Gene Drives and Rodent Control: Response to Piaggio et al. <i>Trends in Ecology and Evolution</i> , 2017, 32, 314-315.	4.2	13
56	Sexual selection for genetic compatibility: the role of the major histocompatibility complex on cryptic female choice in Chinook salmon (<i>Oncorhynchus tshawytscha</i>). <i>Heredity</i> , 2017, 118, 442-452.	1.2	29
57	Stress and sex: does cortisol mediate sex change in fish?. <i>Reproduction</i> , 2017, 154, R149-R160.	1.1	88
58	Male-female relatedness at specific SNP-linkage groups influences cryptic female choice in Chinook salmon (<i>Oncorhynchus tshawytscha</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170853.	1.2	9
59	mtDNA polymorphism and metabolic inhibition affect sperm performance in conplastic mice. <i>Reproduction</i> , 2017, 154, 341-354.	1.1	17
60	Microsatellite polymorphisms associated with human behavioural and psychological phenotypes including a gene-environment interaction. <i>BMC Medical Genetics</i> , 2017, 18, 12.	2.1	11
61	Sexual plasticity: A fishy tale. <i>Molecular Reproduction and Development</i> , 2017, 84, 171-194.	1.0	98
62	The curse of the Filles du Roy. <i>Nature Ecology and Evolution</i> , 2017, 1, 1228-1229.	3.4	1
63	Histological and transcriptomic effects of 17 β -methyltestosterone on zebrafish gonad development. <i>BMC Genomics</i> , 2017, 18, 557.	1.2	52
64	Sperm competition risk drives rapid ejaculate adjustments mediated by seminal fluid. <i>ELife</i> , 2017, 6, .	2.8	34
65	Conservation demands safe gene drive. <i>PLoS Biology</i> , 2017, 15, e2003850.	2.6	157
66	Analysis of the genome of the New Zealand giant collembolan (<i>Holacanthella duospinosa</i>) sheds light on hexapod evolution. <i>BMC Genomics</i> , 2017, 18, 795.	1.2	28
67	Introduction of a male-harming mitochondrial haplotype via "Trojan Females" achieves population suppression in fruit flies. <i>ELife</i> , 2017, 6, .	2.8	24
68	Bending Genders: The Biology of Natural Sex Change in Fish. <i>Sexual Development</i> , 2016, 10, 223-241.	1.1	116
69	The power and promise of <i>scRNA-seq</i> in ecology and evolution. <i>Molecular Ecology</i> , 2016, 25, 1224-1241.	2.0	219
70	Low Spatial Genetic Differentiation Associated with Rapid Recolonization in the New Zealand Fur Seal (<i>Arctocephalus forsteri</i>). <i>Journal of Heredity</i> , 2016, 107, 581-592.	1.0	12
71	Evolutionary Footprints of Short Tandem Repeats in Avian Promoters. <i>Scientific Reports</i> , 2016, 6, 19421.	1.6	15
72	Mitochondrial interactions, mtDNA-mediated thermal plasticity and implications for the Trojan Female Technique for pest control. <i>Scientific Reports</i> , 2016, 6, 30016.	1.6	23

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73	Uncovering the pathways underlying whole body regeneration in a chordate model, <i>Botrylloides leachi</i> using de novo transcriptome analysis. <i>BMC Genomics</i> , 2016, 17, 114.	1.2	34
74	Genetic Evidence of a Population Bottleneck and Inbreeding in the Endangered New Zealand Sea Lion, <i>Phocarctos hookeri</i> . <i>Journal of Heredity</i> , 2016, 107, 392-402.	1.0	14
75	Striatal mRNA expression patterns underlying peak dose L-DOPA-induced dyskinesia in the 6-OHDA hemiparkinsonian rat. <i>Neuroscience</i> , 2016, 324, 238-251.	1.1	10
76	Cryptic female choice enhances fertilization success and embryo survival in chinook salmon. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160001.	1.2	48
77	Emerging Technologies to Conserve Biodiversity: Further Opportunities via Genomics. Response to Pimm et al.. <i>Trends in Ecology and Evolution</i> , 2016, 31, 171-172.	4.2	27
78	Myth or relict: Does ancient DNA detect the enigmatic Upland seal?. <i>Molecular Phylogenetics and Evolution</i> , 2016, 97, 101-106.	1.2	15
79	Mitochondrial genome diversity among six laboratory zebrafish (<i>Danio rerio</i>) strains. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 4364-4371.	0.7	4
80	The <i>Trojan female</i> technique for pest control: a candidate mitochondrial mutation confers low male fertility across diverse nuclear backgrounds in <i>Drosophila melanogaster</i> . <i>Evolutionary Applications</i> , 2015, 8, 871-880.	1.5	26
81	Examining the Role of Components of <i>Slc11a1</i> (<i>Nramp1</i>) in the Susceptibility of New Zealand Sea Lions (<i>Phocarctos hookeri</i>) to Disease. <i>PLoS ONE</i> , 2015, 10, e0122703.	1.1	3
82	The Need for Speed: Neuroendocrine Regulation of Socially-controlled Sex Change. <i>Integrative and Comparative Biology</i> , 2015, 55, 307-322.	0.9	50
83	Large-scale transcriptome sequencing reveals novel expression patterns for key sex-related genes in a sex-changing fish. <i>Biology of Sex Differences</i> , 2015, 6, 26.	1.8	100
84	Analyses of the mitochondrial genome of <i>Leiopelma hochstetteri</i> argues against the full drowning of New Zealand. <i>Journal of Biogeography</i> , 2015, 42, 1066-1076.	1.4	18
85	The Genome 10K Project: A Way Forward. <i>Annual Review of Animal Biosciences</i> , 2015, 3, 57-111.	3.6	294
86	Broad-scale genetic patterns of New Zealand abalone, <i>Haliotis iris</i> , across a distribution spanning 13° latitude and major oceanic water masses. <i>Genetica</i> , 2015, 143, 487-500.	0.5	9
87	Mitochondrial replacement therapy: Cautiously replace the master manipulator. <i>BioEssays</i> , 2015, 37, 584-585.	1.2	17
88	Exploring possible DNA structures in real-time polymerase kinetics using Pacific Biosciences sequencer data. <i>BMC Bioinformatics</i> , 2015, 16, 21.	1.2	9
89	Heterozygote advantage at <i>MHC-DRB</i> may influence response to infectious disease epizootics. <i>Molecular Ecology</i> , 2015, 24, 1419-1432.	2.0	30
90	Consistent age-dependent declines in human semen quality: A systematic review and meta-analysis. <i>Ageing Research Reviews</i> , 2015, 19, 22-33.	5.0	264

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91	The Accuracy, Feasibility and Challenges of Sequencing Short Tandem Repeats Using Next-Generation Sequencing Platforms. <i>PLoS ONE</i> , 2014, 9, e113862.	1.1	24
92	Abundance, arrangement, and function of sequence motifs in the chicken promoters. <i>BMC Genomics</i> , 2014, 15, 900.	1.2	19
93	Molecular evolution of <i>Dmrt1</i> accompanies change of sex-determining mechanisms in reptilia. <i>Biology Letters</i> , 2014, 10, 20140809.	1.0	20
94	Signatures of selection in sheep bred for resistance or susceptibility to gastrointestinal nematodes. <i>BMC Genomics</i> , 2014, 15, 637.	1.2	109
95	Measuring telomere length and telomere dynamics in evolutionary biology and ecology. <i>Methods in Ecology and Evolution</i> , 2014, 5, 299-310.	2.2	158
96	Proteomic Analysis of Chinook Salmon (<i>Oncorhynchus tshawytscha</i>) Ovarian Fluid. <i>PLoS ONE</i> , 2014, 9, e104155.	1.1	28
97	The Trojan female technique: a novel, effective and humane approach for pest population control. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20132549.	1.2	27
98	Mitochondria, maternal inheritance, and asymmetric fitness: Why males die younger. <i>BioEssays</i> , 2013, 35, 93-99.	1.2	47
99	Extensive variation at MHC DRB in the New Zealand sea lion (<i>Phocartos hookeri</i>) provides evidence for balancing selection. <i>Heredity</i> , 2013, 111, 44-56.	1.2	28
100	From evolutionary bystander to master manipulator: the emerging roles for the mitochondrial genome as a modulator of nuclear gene expression. <i>European Journal of Human Genetics</i> , 2013, 21, 1335-1337.	1.4	27
101	How Good Are Indirect Tests at Detecting Recombination in Human mtDNA?. <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 1095-1104.	0.8	5
102	Both CpG Methylation and Activation-Induced Deaminase Are Required for the Fragility of the Human <i>bcl-2</i> Major Breakpoint Region: Implications for the Timing of the Breaks in the t(14;18) Translocation. <i>Molecular and Cellular Biology</i> , 2013, 33, 947-957.	1.1	26
103	Delineating the roles of males and females in sperm competition. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20132047.	1.2	46
104	Dusky dolphin movement patterns: short-term effects of tourism. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2013, 47, 430-449.	0.8	17
105	Changes in Methylation Patterns of <i>Kiss1</i> and <i>Kiss1r</i> Gene Promoters across Puberty. <i>Genetics & Epigenetics</i> , 2013, 5, GEG.S12897.	2.5	23
106	Parallel Tagged Next-Generation Sequencing on Pooled Samples – A New Approach for Population Genetics in Ecology and Conservation. <i>PLoS ONE</i> , 2013, 8, e61471.	1.1	7
107	Microsatellite Tandem Repeats Are Abundant in Human Promoters and Are Associated with Regulatory Elements. <i>PLoS ONE</i> , 2013, 8, e54710.	1.1	156
108	Using Temporal Sampling to Improve Attribution of Source Populations for Invasive Species. <i>PLoS ONE</i> , 2013, 8, e65656.	1.1	12

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109	Measuring Microsatellite Conservation in Mammalian Evolution with a Phylogenetic Birth-Death Model. <i>Genome Biology and Evolution</i> , 2012, 4, 636-647.	1.1	30
110	Promoter Microsatellites as Modulators of Human Gene Expression. <i>Advances in Experimental Medicine and Biology</i> , 2012, 769, 41-54.	0.8	36
111	Population Genetic Structure and Colonisation History of the Tool-Using New Caledonian Crow. <i>PLoS ONE</i> , 2012, 7, e36608.	1.1	12
112	Behavioural Responses of Dusky Dolphin Groups (<i>Lagenorhynchus obscurus</i>) to Tour Vessels off Kaikoura, New Zealand. <i>PLoS ONE</i> , 2012, 7, e41969.	1.1	35
113	Multiple Quaternary Refugia in the Eastern Guiana Shield Revealed by Comparative Phylogeography of 12 Frog Species. <i>Systematic Biology</i> , 2012, 61, 461.	2.7	113
114	Are old males still good males and can females tell the difference?. <i>BioEssays</i> , 2012, 34, 609-619.	1.2	67
115	Development of a predicted physical map of microsatellite locus positions for pinnipeds, with wider applicability to the Carnivora. <i>Molecular Ecology Resources</i> , 2011, 11, 503-513.	2.2	9
116	Global Phylogeography of the Widely Introduced North West Pacific Ascidian <i>Styela clava</i> . <i>PLoS ONE</i> , 2011, 6, e16755.	1.1	58
117	Inheritance of Telomere Length in a Bird. <i>PLoS ONE</i> , 2011, 6, e17199.	1.1	60
118	The Strength and Timing of the Mitochondrial Bottleneck in Salmon Suggests a Conserved Mechanism in Vertebrates. <i>PLoS ONE</i> , 2011, 6, e20522.	1.1	34
119	Low to moderate levels of genetic differentiation detected across the distribution of the New Zealand abalone, <i>Haliotis iris</i> . <i>Marine Biology</i> , 2011, 158, 1417-1429.	0.7	24
120	Design and Implementation of Degenerate Microsatellite Primers for the Mammalian Clade. <i>PLoS ONE</i> , 2011, 6, e29582.	1.1	4
121	Conservation of Human Microsatellites across 450 Million Years of Evolution. <i>Genome Biology and Evolution</i> , 2010, 2, 153-165.	1.1	41
122	Characterisation of microsatellite markers for the primitive New Zealand frog, <i>Leiopelma hochstetteri</i> . <i>Conservation Genetics Resources</i> , 2010, 2, 301-303.	0.4	4
123	Phylogeography of <i>Leiopelma hochstetteri</i> reveals strong genetic structure and suggests new conservation priorities. <i>Conservation Genetics</i> , 2010, 11, 907-919.	0.8	35
124	Fine-scale genetic structure of mainland invasive <i>Rattus rattus</i> populations: implications for restoration of forested conservation areas in New Zealand. <i>Conservation Genetics</i> , 2010, 11, 1953-1964.	0.8	26
125	Regional connectivity and coastal expansion: differentiating pre-border and post-border vectors for the invasive tunicate <i>Styela clava</i> . <i>Molecular Ecology</i> , 2010, 19, 874-885.	2.0	47
126	Genetic analyses reveal hybridization but no hybrid swarm in one of the world's rarest birds. <i>Molecular Ecology</i> , 2010, 19, 5090-5100.	2.0	52

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127	The use of telomere length in ecology and evolutionary biology. <i>Heredity</i> , 2010, 105, 497-506.	1.2	65
128	Correlation between Male Social Status, Testosterone Levels, and Parasitism in a Dimorphic Polygynous Mammal. <i>PLoS ONE</i> , 2010, 5, e12507.	1.1	29
129	Using ecological niche modelling to infer past, present and future environmental suitability for <i>Leiopelma hochstetteri</i> , an endangered New Zealand native frog. <i>Biological Conservation</i> , 2010, 143, 1375-1384.	1.9	43
130	Development of microsatellite markers for the short-beaked echidna using three different approaches. <i>Australian Journal of Zoology</i> , 2009, 57, 219.	0.6	11
131	Can Indirect Tests Detect a Known Recombination Event in Human mtDNA?. <i>Molecular Biology and Evolution</i> , 2009, 26, 1435-1439.	3.5	18
132	Fast, cost-effective development of species-specific microsatellite markers by genomic sequencing. <i>BioTechniques</i> , 2009, 46, 185-192.	0.8	292
133	Chemical composition of seminal and ovarian fluids of chinook salmon (<i>Oncorhynchus tshawytscha</i>) and their effects on sperm motility traits. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009, 152, 123-129.	0.8	90
134	Alternative mating tactics in the New Zealand fur seal (<i>Arctocephalus forsteri</i>): when non-territorial males are successful too. <i>Australian Journal of Zoology</i> , 2009, 57, 409.	0.6	13
135	Sperm traits in Chinook salmon depend upon activation medium: implications for studies of sperm competition in fishes. <i>Canadian Journal of Zoology</i> , 2009, 87, 920-927.	0.4	29
136	Evolutionary and phylogenetic significance of platypus microsatellites conserved in mammalian and other vertebrate genomes. <i>Australian Journal of Zoology</i> , 2009, 57, 175.	0.6	8
137	Colonisation and connectivity by intertidal limpets among New Zealand, Chatham and Sub-Antarctic Islands. I. Genetic connections. <i>Marine Ecology - Progress Series</i> , 2009, 388, 111-119.	0.9	23
138	Motor vehicle collisions and the New Zealand fur seal in the Kaikoura region. <i>Marine Mammal Science</i> , 2008, 24, 235-238.	0.9	7
139	Lost in the zygote: the dilution of paternal mtDNA upon fertilization. <i>Heredity</i> , 2008, 101, 429-434.	1.2	28
140	Genome analysis of the platypus reveals unique signatures of evolution. <i>Nature</i> , 2008, 453, 175-183.	13.7	657
141	Crossing the Tasman Sea: Inferring the introduction history of <i>Litoria aurea</i> and <i>Litoria raniformis</i> (Anura: Hylidae) from Australia into New Zealand. <i>Austral Ecology</i> , 2008, 33, 623-629.	0.7	10
142	Revealing the hidden complexities of mtDNA inheritance. <i>Molecular Ecology</i> , 2008, 17, 4925-4942.	2.0	218
143	High frequency of microsatellites in <i>S. cerevisiae</i> meiotic recombination hotspots. <i>BMC Genomics</i> , 2008, 9, 49.	1.2	28
144	Telomere length change in European sea bass (<i>Dicentrarchus labrax</i>). <i>Australian Journal of Zoology</i> , 2008, 56, 207.	0.6	21

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145	Development of polymorphic microsatellite markers for the New Zealand black stilt (<i>Himantopus</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	2.2	8
146	A mechanism for cryptic female choice in chinook salmon. Behavioral Ecology, 2008, 19, 1179-1185.	1.0	110
147	Estimating Mitochondrial DNA Content of Chinook Salmon Spermatozoa Using Quantitative Real-Time Polymerase Chain Reaction1. Biology of Reproduction, 2008, 79, 247-252.	1.2	7
148	The Relationship Between Microsatellite Polymorphism and Recombination Hot Spots in the Human Genome. Molecular Biology and Evolution, 2008, 25, 2579-2587.	3.5	32
149	Delimiting the Frequency of Paternal Leakage of Mitochondrial DNA in Chinook Salmon. Genetics, 2008, 179, 1029-1032.	1.2	25
150	Detecting short tandem repeats from genome data: opening the software black box. Briefings in Bioinformatics, 2008, 9, 355-366.	3.2	62
151	Detecting Microsatellites in Genome Data: Variance in Definitions and Bioinformatic Approaches Cause Systematic Bias. Evolutionary Bioinformatics, 2008, 4, EBO.S420.	0.6	20
152	Combining allele-specific fluorescent probes and restriction assay in real-time PCR to achieve SNP scoring beyond allele ratios of 1:1000. BioTechniques, 2008, 44, 193-199.	0.8	14
153	Rearing two New Zealand fur seal (<i>Arctocephalus forsteri</i>) pups to weaning. Australian Journal of Zoology, 2008, 56, 33.	0.6	8
154	The Role and Presence of a Guide: Preliminary Findings from Swim with Seal Programs and Land-Based Seal Viewing in New Zealand. Tourism in Marine Environments, 2008, 5, 187-199.	0.1	14
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