Neil Gemmell

List of Publications by Year
in descending order

210	12,037	28274	36028
papers	citations	55 h-index	97 g-index

234	234	234	15491
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The association between personalities, alternative breeding strategies and reproductive success in dunnocks. Journal of Evolutionary Biology, 2022, 35, 539-551.	1.7	5
2	Population Genomics of New Zealand Pouched Lamprey (kanakana; piharau;Geotria australis). Journal of Heredity, 2022, 113, 380-397.	2.4	6
3	Comparison of Reptilian Genomes Reveals Deletions Associated with the Natural Loss of Î³Î´ T Cells in Squamates. Journal of Immunology, 2022, 208, 1960-1967.	0.8	10
4	Haplotype-resolved assembly of diploid genomes without parental data. Nature Biotechnology, 2022, 40, 1332-1335.	17.5	139
5	Genome sequencing of an archaic reptile both answers and asks questions. Zoology, 2021, 144, 125862.	1.2	1
6	A genomeâ€wide investigation of adaptive signatures in proteinâ€coding genes related to tool behaviour in New Caledonian and Hawaiian crows. Molecular Ecology, 2021, 30, 973-986.	3.9	2
7	Might Gene Duplication and Neofunctionalization Contribute to the Sexual Lability Observed in Fish?. Sexual Development, 2021, 15, 122-133.	2.0	6
8	A validation of Illumina EPIC array system with bisulfite-based amplicon sequencing. PeerJ, 2021, 9, e10762.	2.0	11
9	Repetitive DNA: genomic dark matter matters. Nature Reviews Genetics, 2021, 22, 342-342.	16.3	12
10	The Southern Hemisphere lampreys (Geotriidae and Mordaciidae). Reviews in Fish Biology and Fisheries, 2021, 31, 201-232.	4.9	8
11	Towards the Optimization of eDNA/eRNA Sampling Technologies for Marine Biosecurity Surveillance. Water (Switzerland), 2021, 13, 1113.	2.7	43
12	Evolution of the â€œworldâ€™s only alpine parrotâ€• Genomic adaptation or phenotypic plasticity, behaviour and ecology?. Molecular Ecology, 2021, 30, 6370-6386.	3.9	11
13	Slippery when wet: cross-species transmission of divergent coronaviruses in bony and jawless fish and the evolutionary history of the Coronaviridae. Virus Evolution, 2021, 7, veab050.	4.9	23
14	The Adaptiveness of Host Behavioural Manipulation Assessed Using Tinbergenâ€™s Four Questions. Trends in Parasitology, 2021, 37, 597-609.	3.3	12
15	Evidence of two deeply divergent co-existing mitochondrial genomes in the Tuatara reveals an extremely complex genomic organization. Communications Biology, 2021, 4, 116.	4.4	16
16	A new experimental model for the investigation of sequential hermaphroditism. Scientific Reports, 2021, 11, 22881.	3.3	7
17	The Genetics and Epigenetics of Sex Change in Fish. Annual Review of Animal Biosciences, 2020, 8, 47-69.	7.4	60
18	Purifying Selection in Corvids Is Less Efficient on Islands. Molecular Biology and Evolution, 2020, 37, 469-474.	8.9	24

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19	Water stratification in the marine biome restricts vertical environmental DNA (eDNA) signal dispersal. Environmental DNA, 2020, 2, 99-111.	5.8	74
20	Resistance to natural and synthetic gene drive systems. Journal of Evolutionary Biology, 2020, 33, 1345-1360.	1.7	43
21	Dense sampling of bird diversity increases power of comparative genomics. Nature, 2020, 587, 252-257.	27.8	251
22	The tuatara genome reveals ancient features of amniote evolution. Nature, 2020, 584, 403-409.	27.8	105
23	Ovarian fluid proteome variation associates with sperm swimming speed in an externally fertilizing fish. Journal of Evolutionary Biology, 2020, 33, 1783-1794.	1.7	10
24	Sphenodon punctatus (tuatara). Trends in Genetics, 2020, 36, 998-999.	6.7	0
25	Dunnock social status correlates with sperm speed, but fast sperm does not always equal high fitness. Journal of Evolutionary Biology, 2020, 33, 1139-1148.	1.7	8
26	Determinants of genetic variation across eco-evolutionary scales in pinnipeds. Nature Ecology and Evolution, 2020, 4, 1095-1104.	7.8	47
27	Genetic Biocontrol for Invasive Species. Frontiers in Bioengineering and Biotechnology, 2020, 8, 452.	4.1	78
28	Genome-wide DNA methylation analysis of heavy cannabis exposure in a New Zealand longitudinal cohort. Translational Psychiatry, 2020, 10, 114.	4.8	28
29	DNA from mollusc shell: a valuable and underutilised substrate for genetic analyses. PeerJ, 2020, 8, e9420.	2.0	14
30	An in vitro ovarian explant culture system to examine sex change in a hermaphroditic fish. PeerJ, 2020, 8, e10323.	2.0	2
31	Zebrafish preserve global germline DNA methylation while sex-linked rDNA is amplified and demethylated during feminisation. Nature Communications, 2019, 10, 3053.	12.8	82
32	Stress, novel sex genes, and epigenetic reprogramming orchestrate socially controlled sex change. Science Advances, 2019, 5, eaaw7006.	10.3	99
33	Natural sex change in fish. Current Topics in Developmental Biology, 2019, 134, 71-117.	2.2	44
34	Speciesâ€level biodiversity assessment using marine environmental DNA metabarcoding requires protocol optimization and standardization. Ecology and Evolution, 2019, 9, 1323-1335.	1.9	62
35	The association between mitochondrial genetic variation and reduced colony fitness in an invasive wasp. Molecular Ecology, 2019, 28, 3324-3338.	3.9	9
36	Beyond Biodiversity: Can Environmental DNA (eDNA) Cut It as a Population Genetics Tool?. Genes, 2019, 10, 192.	2.4	160

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37	Molecular structure of sauropsid Î²-keratins from tuatara (Sphenodon punctatus). Journal of Structural Biology, 2019, 207, 21-28.	2.8	13
38	The complete mitogenome sequence of the agricultural pest, clover root weevil: the key to its own demise?. Mitochondrial DNA Part B: Resources, 2019, 4, 878-879.	0.4	2
39	Environmental DNA (eDNA) metabarcoding reveals strong discrimination among diverse marine habitats connected by water movement. Molecular Ecology Resources, 2019, 19, 426-438.	4.8	180
40	Conservation and diversity in expression of candidate genes regulating socially-induced female-male sex change in wrasses. PeerJ, 2019, 7, e7032.	2.0	23
41	De novo draft assembly of the Botrylloides leachii genome provides further insight into tunicate evolution. Scientific Reports, 2018, 8, 5518.	3.3	36
42	Genetic sex assignment in wild populations using genotypingâ€byâ€sequencing data: A statistical threshold approach. Molecular Ecology Resources, 2018, 18, 179-190.	4.8	17
43	Evidence that fertility trades off with early offspring fitness as males age. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20172174.	2.6	33
44	The effects of transcription and recombination on mutational dynamics of short tandem repeats. Nucleic Acids Research, 2018, 46, 1321-1330.	14.5	14
45	Identification of sex differences in zebrafish (Danio rerio) brains during early sexual differentiation and masculinization using 17Î±-methyltestoteroneâ€. Biology of Reproduction, 2018, 99, 446-460.	2.7	21
46	Female Mimicry by Sneaker Males Has a Transcriptomic Signature in Both the Brain and the Gonad in a Sex-Changing Fish. Molecular Biology and Evolution, 2018, 35, 225-241.	8.9	29
47	Hiding in broad daylight: molecular and morphological data reveal a new ocean sunfish species (Tetraodontiformes: Molidae) that has eluded recognition. Zoological Journal of the Linnean Society, 2018, 182, 631-658.	2.3	24
48	The potential for the use of gene drives for pest control in New Zealand: a perspective. Journal of the Royal Society of New Zealand, 2018, 48, 225-244.	1.9	66
49	Demographic histories and genetic diversity across pinnipeds are shaped by human exploitation, ecology and life-history. Nature Communications, 2018, 9, 4836.	12.8	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. Ecology and Evolution, 2018, 8, 8736-8749.	1.9	9
52	Evolutionary history of the podoplanin gene. Gene Reports, 2018, 13, 28-37.	0.8	3
53	Adipose transcriptome analysis provides novel insights into molecular regulation of prolonged fasting in northern elephant seal pups. Physiological Genomics, 2018, 50, 495-503.	2.3	15
54	Strong isolation by distance argues for separate population management of endangered blue duck (Hymenolaimus malacorhynchos). Conservation Genetics, 2017, 18, 327-341.	1.5	14

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55	Gene Drives and Rodent Control: Response to Piaggio et al.. Trends in Ecology and Evolution, 2017, 32, 314-315.	8.7	13
56	Sexual selection for genetic compatibility: the role of the major histocompatibility complex on cryptic female choice in Chinook salmon (Oncorhynchus tshawytscha). Heredity, 2017, 118, 442-452.	2.6	29
57	Stress and sex: does cortisol mediate sex change in fish?. Reproduction, 2017, 154, R149-R160.	2.6	88
58	Maleâ€“female relatedness at specific SNP-linkage groups influences cryptic female choice in Chinook salmon (Oncorhynchus tshawytscha). Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170853.	2.6	9
59	mtDNA polymorphism and metabolic inhibition affect sperm performance in conplastic mice. Reproduction, 2017, 154, 341-354.	2.6	17
60	Microsatellite polymorphisms associated with human behavioural and psychological phenotypes including a gene-environment interaction. BMC Medical Genetics, 2017, 18, 12.	2.1	11
61	Sexual plasticity: A fishy tale. Molecular Reproduction and Development, 2017, 84, 171-194.	2.0	98
62	The curse of the Filles du Roy. Nature Ecology and Evolution, 2017, 1, 1228-1229.	7.8	1
63	Histological and transcriptomic effects of 17Î±-methyltestosterone on zebrafish gonad development. BMC Genomics, 2017, 18, 557.	2.8	52
64	Sperm competition risk drives rapid ejaculate adjustments mediated by seminal fluid. ELife, 2017, 6, .	6.0	34
65	Conservation demands safe gene drive. PLoS Biology, 2017, 15, e2003850.	5.6	157
66	Analysis of the genome of the New Zealand giant collembolan (Holacanthella duospinosa) sheds light on hexapod evolution. BMC Genomics, 2017, 18, 795.	2.8	28
67	Introduction of a male-harming mitochondrial haplotype via â€˜Trojan Femalesâ€™ achieves population suppression in fruit flies. ELife, 2017, 6, .	6.0	24
68	Bending Genders: The Biology of Natural Sex Change in Fish. Sexual Development, 2016, 10, 223-241.	2.0	116
69	The power and promise of <scp>RNA</scp>â€seq in ecology andÂevolution. Molecular Ecology, 2016, 25, 1224-1241.	3.9	219
70	Low Spatial Genetic Differentiation Associated with Rapid Recolonization in the New Zealand Fur SealArctocephalus forsteri. Journal of Heredity, 2016, 107, 581-592.	2.4	12
71	Evolutionary Footprints of Short Tandem Repeats in Avian Promoters. Scientific Reports, 2016, 6, 19421.	3.3	15
72	Mitonuclear interactions, mtDNA-mediated thermal plasticity and implications for the Trojan Female Technique for pest control. Scientific Reports, 2016, 6, 30016.	3.3	23

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73	Uncovering the pathways underlying whole body regeneration in a chordate model, Botrylloides leachi using de novo transcriptome analysis. BMC Genomics, 2016, 17, 114.	2.8	34
74	Genetic Evidence of a Population Bottleneck and Inbreeding in the Endangered New Zealand Sea Lion,Phocarctos hookeri. Journal of Heredity, 2016, 107, 392-402.	2.4	14
75	Striatal mRNA expression patterns underlying peak dose l-DOPA-induced dyskinesia in the 6-OHDA hemiparkinsonian rat. Neuroscience, 2016, 324, 238-251.	2.3	10
76	Cryptic female choice enhances fertilization success and embryo survival in chinook salmon. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160001.	2.6	48
77	Emerging Technologies to Conserve Biodiversity: Further Opportunities via Genomics. Response to Pimm et al.. Trends in Ecology and Evolution, 2016, 31, 171-172.	8.7	27
78	Myth or relict: Does ancient DNA detect the enigmatic Upland seal?. Molecular Phylogenetics and Evolution, 2016, 97, 101-106.	2.7	15
79	Mitochondrial genome diversity among six laboratory zebrafish (Danio rerio) strains. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 4364-4371.	0.7	4
80	The <scp>T</scp>rojan <scp>F</scp>emale <scp>T</scp>echnique for pest control: a candidate mitochondrial mutation confers low male fertility across diverse nuclear backgrounds in <scp>D</scp>rosophila melanogaster. Evolutionary Applications, 2015, 8, 871-880.	3.1	26
81	Examining the Role of Components of Slc11a1 (Nramp1) in the Susceptibility of New Zealand Sea Lions (Phocarctos hookeri) to Disease. PLoS ONE, 2015, 10, e0122703.	2.5	3
82	The Need for Speed: Neuroendocrine Regulation of Socially-controlled Sex Change. Integrative and Comparative Biology, 2015, 55, 307-322.	2.0	50
83	Large-scale transcriptome sequencing reveals novel expression patterns for key sex-related genes in a sex-changing fish. Biology of Sex Differences, 2015, 6, 26.	4.1	100
84	Analyses of the mitochondrial genome of Leiopelma hochstetteri argues against the full drowning of New Zealand. Journal of Biogeography, 2015, 42, 1066-1076.	3.0	18
85	The Genome 10K Project: A Way Forward. Annual Review of Animal Biosciences, 2015, 3, 57-111.	7.4	294
86	Broad-scale genetic patterns of New Zealand abalone, Haliotis iris, across a distribution spanning 13Â° latitude and major oceanic water masses. Genetica, 2015, 143, 487-500.	1.1	9
87	Mitochondrial replacement therapy: Cautiously replace the master manipulator. BioEssays, 2015, 37, 584-585.	2.5	17
88	Exploring possible DNA structures in real-time polymerase kinetics using Pacific Biosciences sequencer data. BMC Bioinformatics, 2015, 16, 21.	2.6	9
89	Heterozygote advantage at <scp>MHC </scp><scp>DRB</scp> may influence response to infectious disease epizootics. Molecular Ecology, 2015, 24, 1419-1432.	3.9	30
90	Consistent age-dependent declines in human semen quality: A systematic review and meta-analysis. Ageing Research Reviews, 2015, 19, 22-33.	10.9	264

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91	The Accuracy, Feasibility and Challenges of Sequencing Short Tandem Repeats Using Next-Generation Sequencing Platforms. PLoS ONE, 2014, 9, e113862.	2.5	24
92	Abundance, arrangement, and function of sequence motifs in the chicken promoters. BMC Genomics, 2014, 15, 900.	2.8	19
93	Molecular evolution of Dmrt1 accompanies change of sex-determining mechanisms in reptilia. Biology Letters, 2014, 10, 20140809.	2.3	20
94	Signatures of selection in sheep bred for resistance or susceptibility to gastrointestinal nematodes. BMC Genomics, 2014, 15, 637.	2.8	109
95	Measuring telomere length and telomere dynamics in evolutionary biology and ecology. Methods in Ecology and Evolution, 2014, 5, 299-310.	5.2	158
96	Proteomic Analysis of Chinook Salmon (Oncorhynchus tshawytscha) Ovarian Fluid. PLoS ONE, 2014, 9, e104155.	2.5	28
97	The Trojan female technique: a novel, effective and humane approach for pest population control. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20132549.	2.6	27
98	Mitochondria, maternal inheritance, and asymmetric fitness: Why males die younger. BioEssays, 2013, 35, 93-99.	2.5	47
99	Extensive variation at MHC DRB in the New Zealand sea lion (Phocarctos hookeri) provides evidence for balancing selection. Heredity, 2013, 111, 44-56.	2.6	28
100	From evolutionary bystander to master manipulator: the emerging roles for the mitochondrial genome as a modulator of nuclear gene expression. European Journal of Human Genetics, 2013, 21, 1335-1337.	2.8	27
101	How Good Are Indirect Tests at Detecting Recombination in Human mtDNA?. G3: Genes, Genomes, Genetics, 2013, 3, 1095-1104.	1.8	5
102	Both CpG Methylation and Activation-Induced Deaminase Are Required for the Fragility of the Human bcl-2 Major Breakpoint Region: Implications for the Timing of the Breaks in the t(14;18) Translocation. Molecular and Cellular Biology, 2013, 33, 947-957.	2.3	26
103	Delineating the roles of males and females in sperm competition. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20132047.	2.6	46
104	Dusky dolphin movement patterns: short-term effects of tourism. New Zealand Journal of Marine and Freshwater Research, 2013, 47, 430-449.	2.0	17
105	Changes in Methylation Patterns of Kiss1 and Kiss1r Gene Promoters across Puberty. Genetics & Epigenetics, 2013, 5, GEG.S12897.	2.5	23
106	Parallel Tagged Next-Generation Sequencing on Pooled Samples â€“ A New Approach for Population Genetics in Ecology and Conservation. PLoS ONE, 2013, 8, e61471.	2.5	7
107	Microsatellite Tandem Repeats Are Abundant in Human Promoters and Are Associated with Regulatory Elements. PLoS ONE, 2013, 8, e54710.	2.5	156
108	Using Temporal Sampling to Improve Attribution of Source Populations for Invasive Species. PLoS ONE, 2013, 8, e65656.	2.5	12

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109	Measuring Microsatellite Conservation in Mammalian Evolution with a Phylogenetic Birthâ€“Death Model. Genome Biology and Evolution, 2012, 4, 636-647.	2.5	30
110	Promoter Microsatellites as Modulators of Human Gene Expression. Advances in Experimental Medicine and Biology, 2012, 769, 41-54.	1.6	36
111	Population Genetic Structure and Colonisation History of the Tool-Using New Caledonian Crow. PLoS ONE, 2012, 7, e36608.	2.5	12
112	Behavioural Responses of Dusky Dolphin Groups (Lagenorhynchus obscurus) to Tour Vessels off Kaikoura, New Zealand. PLoS ONE, 2012, 7, e41969.	2.5	35
113	Multiple Quaternary Refugia in the Eastern Guiana Shield Revealed by Comparative Phylogeography of 12 Frog Species. Systematic Biology, 2012, 61, 461.	5.6	113
114	Are old males still good males and can females tell the difference?. BioEssays, 2012, 34, 609-619.	2.5	67
115	Development of a predicted physical map of microsatellite locus positions for pinnipeds, with wider applicability to the Carnivora. Molecular Ecology Resources, 2011, 11, 503-513.	4.8	9
116	Global Phylogeography of the Widely Introduced North West Pacific Ascidian Styela clava. PLoS ONE, 2011, 6, e16755.	2.5	58
117	Inheritance of Telomere Length in a Bird. PLoS ONE, 2011, 6, e17199.	2.5	60
118	The Strength and Timing of the Mitochondrial Bottleneck in Salmon Suggests a Conserved Mechanism in Vertebrates. PLoS ONE, 2011, 6, e20522.	2.5	34
119	Low to moderate levels of genetic differentiation detected across the distribution of the New Zealand abalone, Haliotis iris. Marine Biology, 2011, 158, 1417-1429.	1.5	24
120	Design and Implementation of Degenerate Microsatellite Primers for the Mammalian Clade. PLoS ONE, 2011, 6, e29582.	2.5	4
121	Conservation of Human Microsatellites across 450 Million Years of Evolution. Genome Biology and Evolution, 2010, 2, 153-165.	2.5	41
122	Characterisation of microsatellite markers for the primitive New Zealand frog, Leiopelma hochstetteri. Conservation Genetics Resources, 2010, 2, 301-303.	0.8	4
123	Phylogeography of Leiopelma hochstetteri reveals strong genetic structure and suggests new conservation priorities. Conservation Genetics, 2010, 11, 907-919.	1.5	35
124	Fine-scale genetic structure of mainland invasive Rattus rattus populations: implications for restoration of forested conservation areas in New Zealand. Conservation Genetics, 2010, 11, 1953-1964.	1.5	26
125	Regional connectivity and coastal expansion: differentiating preâ€border and postâ€border vectors for the invasive tunicate Styela clava. Molecular Ecology, 2010, 19, 874-885.	3.9	47
126	Genetic analyses reveal hybridization but no hybrid swarm in one of the worldâ€™s rarest birds. Molecular Ecology, 2010, 19, 5090-5100.	3.9	52

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127	The use of telomere length in ecology and evolutionary biology. Heredity, 2010, 105, 497-506.	2.6	65
128	Correlation between Male Social Status, Testosterone Levels, and Parasitism in a Dimorphic Polygynous Mammal. PLoS ONE, 2010, 5, e12507.	2.5	29
129	Using ecological niche modelling to infer past, present and future environmental suitability for Leiopelma hochstetteri, an endangered New Zealand native frog. Biological Conservation, 2010, 143, 1375-1384.	4.1	43
130	Development of microsatellite markers for the short-beaked echidna using three different approaches. Australian Journal of Zoology, 2009, 57, 219.	1.0	11
131	Can Indirect Tests Detect a Known Recombination Event in Human mtDNA?. Molecular Biology and Evolution, 2009, 26, 1435-1439.	8.9	18
132	Fast, cost-effective development of species-specific microsatellite markers by genomic sequencing. BioTechniques, 2009, 46, 185-192.	1.8	292
133	Chemical composition of seminal and ovarian fluids of chinook salmon (Oncorhynchus tshawytscha) and their effects on sperm motility traits. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 152, 123-129.	1.8	90
134	Alternative mating tactics in the New Zealand fur seal (Arctocephalus forsteri): when non-territorial males are successful too. Australian Journal of Zoology, 2009, 57, 409.	1.0	13
135	Sperm traits in Chinook salmon depend upon activation medium: implications for studies of sperm competition in fishes. Canadian Journal of Zoology, 2009, 87, 920-927.	1.0	29
136	Evolutionary and phylogenetic significance of platypus microsatellites conserved in mammalian and other vertebrate genomes. Australian Journal of Zoology, 2009, 57, 175.	1.0	8
137	Colonisation and connectivity by intertidal limpets among New Zealand, Chatham and Sub-Antarctic Islands. I. Genetic connections. Marine Ecology - Progress Series, 2009, 388, 111-119.	1.9	23
138	Motor vehicle collisions and the New Zealand fur seal in the Kaikoura region. Marine Mammal Science, 2008, 24, 235-238.	1.8	7
139	Lost in the zygote: the dilution of paternal mtDNA upon fertilization. Heredity, 2008, 101, 429-434.	2.6	28
140	Genome analysis of the platypus reveals unique signatures of evolution. Nature, 2008, 453, 175-183.	27.8	657
141	Crossing the Tasman Sea: Inferring the introduction history ofLitoria aureaandLitoria raniformis(Anura: Hylidae) from Australia into New Zealand. Austral Ecology, 2008, 33, 623-629.	1.5	10
142	Revealing the hidden complexities of mtDNA inheritance. Molecular Ecology, 2008, 17, 4925-4942.	3.9	218
143	High frequency of microsatellites in S. cerevisiae meiotic recombination hotspots. BMC Genomics, 2008, 9, 49.	2.8	28
144	Telomere length change in European sea bass (Dicentrarchus labrax). Australian Journal of Zoology, 2008, 56, 207.	1.0	21

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145	Development of polymorphic microsatellite markers for the New Zealand black stilt (Himantopus) Tj ETQq1 1 0.784314 rgBT /Over	4.8	8
146	A mechanism for cryptic female choice in chinook salmon. Behavioral Ecology, 2008, 19, 1179-1185.	2.2	110
147	Estimating Mitochondrial DNA Content of Chinook Salmon Spermatozoa Using Quantitative Real-Time Polymerase Chain Reaction1. Biology of Reproduction, 2008, 79, 247-252.	2.7	7
148	The Relationship Between Microsatellite Polymorphism and Recombination Hot Spots in the Human Genome. Molecular Biology and Evolution, 2008, 25, 2579-2587.	8.9	32
149	Delimiting the Frequency of Paternal Leakage of Mitochondrial DNA in Chinook Salmon. Genetics, 2008, 179, 1029-1032.	2.9	25
150	Detecting short tandem repeats from genome data: opening the software black box. Briefings in Bioinformatics, 2008, 9, 355-366.	6.5	62
151	Detecting Microsatellites in Genome Data: Variance in Definitions and Bioinformatic Approaches Cause Systematic Bias. Evolutionary Bioinformatics, 2008, 4, EBO.S420.	1.2	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.	1.8	14
153	Rearing two New Zealand fur seal (Arctocephalus forsteri) pups to weaning. Australian Journal of Zoology, 2008, 56, 33.	1.0	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.	0.4	14
155	Interactive effects of habitat modification and species invasion on native species decline. Trends in Ecology and Evolution, 2007, 22, 489-496.	8.7	692
156	Innovative pandanus-tool folding by New Caledonian crows. Australian Journal of Zoology, 2007, 55, 291.	1.0	14
157	Advances in biosecurity to 2010 and beyond: Towards integrated detection, analysis and response to exotic pest invasions. New Zealand Veterinary Journal, 2007, 55, 255-263.	0.9	7
158	Underestimation of Species Richness in Neotropical Frogs Revealed by mtDNA Analyses. PLoS ONE, 2007, 2, e1109.	2.5	379
159	HAIR SAMPLING AND GENOTYPING FROM HAIR FOLLICLES: A MINIMALLY-INVASIVE ALTERNATIVE FOR GENETICS STUDIES IN SMALL, MOBILE PINNIPEDS AND OTHER MAMMALS. Marine Mammal Science, 2007, 23, 184-192.	1.8	15
160	Phylogeography of the New Zealand blue duck (Hymenolaimus malacorhynchos): implications for translocation and species recovery. Conservation Genetics, 2007, 8, 1431-1440.	1.5	14
161	Discovery and spatial assessment of a Hochstetter's frog(Leiopelma hochstetteri)population found in Maungatautari Scenic Reserve, New Zealand. New Zealand Journal of Zoology, 2006, 33, 147-156.	1.1	17
162	Sex allocation theory aids species conservation. Biology Letters, 2006, 2, 229-231.	2.3	90

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163	Dispersal of breeding, adult male Phocarctos hookeri: Implications for disease transmission, population management and species recovery. Biological Conservation, 2006, 127, 227-236.	4.1	58
164	Gender Differences in Publication Output: Towards an Unbiased Metric of Research Performance. PLoS ONE, 2006, 1, e127.	2.5	206
165	Colony growth and pup condition of the New Zealand fur seal (Arctocephalus forsteri) on the Kaikoura coastline compared with other east coast colonies. Wildlife Research, 2006, 33, 497.	1.4	25
166	Sexual genotype markers absent from small numbers of male New Zealand Oncorhynchus tshawytscha. Journal of Fish Biology, 2006, 68, 136-143.	1.6	8
167	Cost-effective media for the rapid and high resolution of small DNA fragments using polyacrylamide-based electrophoresis. Molecular Ecology Notes, 2006, 6, 609-612.	1.7	3
168	Diving to extremes: are New Zealand sea lions (Phocarctos hookeri) pushing their limits in a marginal habitat?. Journal of Zoology, 2006, 269, 060423091114003-???.	1.7	63
169	Comparative phylogeography of coastal limpets across a marine disjunction in New Zealand. Molecular Ecology, 2006, 15, 3259-3268.	3.9	84
170	MÃ©nage Ã trois on Macquarie Island: hybridization among three species of fur seal (Arctocephalus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.9	71
171	Molecular phylogenetics and biogeography of the nacellid limpets of New Zealand (Mollusca:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.7	24
172	PCR-based sexing in conservation biology: Wrong answers from an accurate methodology?. Conservation Genetics, 2006, 7, 267-271.	1.5	75
173	Entanglement of New Zealand fur seals in man-made debris at Kaikoura, New Zealand. Marine Pollution Bulletin, 2006, 52, 442-446.	5.0	63
174	Association of poly-purine/poly-pyrimidine sequences with meiotic recombination hot spots. BMC Genomics, 2006, 7, 179.	2.8	17
175	The rise, fall and renaissance of microsatellites in eukaryotic genomes. BioEssays, 2006, 28, 1040-1050.	2.5	223
176	Deciphering Past Human Population Movements in Oceania: Provably Optimal Trees of 127 mtDNA Genomes. Molecular Biology and Evolution, 2006, 23, 1966-1975.	8.9	62
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