

David W Coltman

List of Publications by Year in descending order

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Version: 2024-02-01

202
papers

12,970
citations

23879

60
h-index

33145

104
g-index

209
all docs

209
docs citations

209
times ranked

12589
citing authors

#	ARTICLE	IF	CITATIONS
1	Ewe are what ewe wear: bigger horns, better ewes and the potential consequence of trophy hunting on female fitness in bighorn sheep. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20212534.	1.2	2
2	Genetic variance in fitness indicates rapid contemporary adaptive evolution in wild animals. <i>Science</i> , 2022, 376, 1012-1016.	6.0	69
3	Measuring fitness and inferring natural selection from long-term field studies: different measures lead to nuanced conclusions. <i>Behavioral Ecology and Sociobiology</i> , 2022, 76, .	0.6	5
4	Familiar Neighbors, but Not Relatives, Enhance Fitness in a Territorial Mammal. <i>Current Biology</i> , 2021, 31, 438-445.e3.	1.8	33
5	Determinants and long-term costs of early reproduction in males of a long-lived polygynous mammal. <i>Ecology and Evolution</i> , 2021, 11, 6829-6845.	0.8	9
6	An independent experiment does not support stress-mediated kin discrimination through red squirrel vocalizations. <i>Animal Behaviour</i> , 2021, 176, 185-192.	0.8	0
7	Extent and direction of introgressive hybridization of mule and white-tailed deer in western Canada. <i>Evolutionary Applications</i> , 2021, 14, 1914-1925.	1.5	9
8	Ancient hybridization patterns between bighorn and thinhorn sheep. <i>Molecular Ecology</i> , 2021, 30, 6273-6288.	2.0	4
9	Seeing the whole picture: What molecular ecology is gaining from whole genomes. <i>Molecular Ecology</i> , 2021, 30, 5917-5922.	2.0	12
10	Linking genotype to phenotype to identify genetic variation relating to host susceptibility in the mountain pine beetle system. <i>Evolutionary Applications</i> , 2020, 13, 48-61.	1.5	5
11	The new kid on the block: immigrant males win big whereas females pay fitness cost after dispersal. <i>Ecology Letters</i> , 2020, 23, 430-438.	3.0	26
12	Sex- and context-specific associations between personality and a measure of fitness but no link with life history traits. <i>Animal Behaviour</i> , 2020, 167, 23-39.	0.8	11
13	Spatial genetic structure of Rocky Mountain bighorn sheep (<i>Ovis canadensis canadensis</i>) at the northern limit of their native range. <i>Canadian Journal of Zoology</i> , 2020, 98, 317-330.	0.4	6
14	Predicting the spread-risk potential of chronic wasting disease to sympatric ungulate species. <i>Prion</i> , 2020, 14, 56-66.	0.9	18
15	Genetic decline, restoration and rescue of an isolated ungulate population. <i>Evolutionary Applications</i> , 2019, 12, 1318-1328.	1.5	33
16	Heritability of Horn Size in Thinhorn Sheep. <i>Frontiers in Genetics</i> , 2019, 10, 959.	1.1	6
17	Development of a Novel Mule Deer Genomic Assembly and Species-Diagnostic SNP Panel for Assessing Introgression in Mule Deer, White-Tailed Deer, and Their Interspecific Hybrids. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 911-919.	0.8	21
18	Spatial and genetic structure of the lodgepole – jack pine hybrid zone. <i>Canadian Journal of Forest Research</i> , 2019, 49, 844-853.	0.8	11

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19	Social effects of territorial neighbours on the timing of spring breeding in North American red squirrels. <i>Journal of Evolutionary Biology</i> , 2019, 32, 559-571.	0.8	20
20	Indirect effects on fitness between individuals that have never met via an extended phenotype. <i>Ecology Letters</i> , 2019, 22, 697-706.	3.0	24
21	Alternative reproductive tactics and lifetime reproductive success in a polygynandrous mammal. <i>Behavioral Ecology</i> , 2019, 30, 474-482.	1.0	7
22	Management implications of highly resolved hierarchical population genetic structure in thinhorn sheep. <i>Conservation Genetics</i> , 2019, 20, 185-201.	0.8	6
23	Phenological shifts in North American red squirrels: disentangling the roles of phenotypic plasticity and microevolution. <i>Journal of Evolutionary Biology</i> , 2018, 31, 810-821.	0.8	26
24	Heritability of body size in the polar bears of Western Hudson Bay. <i>Molecular Ecology Resources</i> , 2018, 18, 854-866.	2.2	25
25	Sexually selected infanticide by male red squirrels in advance of a mast year. <i>Ecology</i> , 2018, 99, 1242-1244.	1.5	12
26	Is biasing offspring sex ratio adaptive? A test of Fisher's principle across multiple generations of a wild mammal in a fluctuating environment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181251.	1.2	3
27	Will human influences on evolutionary dynamics in the wild pervade the Anthropocene?. <i>BMC Biology</i> , 2018, 16, 7.	1.7	73
28	Genomic analysis of morphometric traits in bighorn sheep using the Ovine Infinium [®] SNP BeadChip. <i>PeerJ</i> , 2018, 6, e4364.	0.9	18
29	Using playback of territorial calls to investigate mechanisms of kin discrimination in red squirrels. <i>Behavioral Ecology</i> , 2017, 28, 382-390.	1.0	7
30	Environmental and evolutionary effects on horn growth of male bighorn sheep. <i>Oikos</i> , 2017, 126, 1031-1041.	1.2	38
31	Towards robust evolutionary inference with integral projection models. <i>Journal of Evolutionary Biology</i> , 2017, 30, 270-288.	0.8	24
32	Familiarity with neighbours affects intrusion risk in territorial red squirrels. <i>Animal Behaviour</i> , 2017, 133, 11-20.	0.8	32
33	Fluctuating effects of genetic and plastic changes in body mass on population dynamics in a large herbivore. <i>Ecology</i> , 2017, 98, 2456-2467.	1.5	17
34	Seasonal, spatial, and maternal effects on gut microbiome in wild red squirrels. <i>Microbiome</i> , 2017, 5, 163.	4.9	148
35	Genome-wide set of SNPs reveals evidence for two glacial refugia and admixture from postglacial recolonization in an alpine ungulate. <i>Molecular Ecology</i> , 2016, 25, 3696-3705.	2.0	29
36	Paternal reproductive success drives sex allocation in a wild mammal. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 358-368.	1.1	25

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37	Genetic subdivision and candidate genes under selection in North American grey wolves. <i>Molecular Ecology</i> , 2016, 25, 380-402.	2.0	100
38	Evidence of adoption, monozygotic twinning, and low inbreeding rates in a large genetic pedigree of polar bears. <i>Polar Biology</i> , 2016, 39, 1455-1465.	0.5	48
39	Intense selective hunting leads to artificial evolution in horn size. <i>Evolutionary Applications</i> , 2016, 9, 521-530.	1.5	127
40	Demographic drivers of age-dependent sexual selection. <i>Journal of Evolutionary Biology</i> , 2016, 29, 1437-1446.	0.8	23
41	Population structure and dispersal of wolves in the Canadian Rocky Mountains. <i>Journal of Mammalogy</i> , 2016, 97, 839-851.	0.6	15
42	Polygamy and an absence of fine-scale structure in <i>Dendroctonus ponderosae</i> (Hopk.) (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	15
43	Circumpolar Genetic Structure and Recent Gene Flow of Polar Bears: A Reanalysis. <i>PLoS ONE</i> , 2016, 11, e0148967.	1.1	52
44	Temporal dynamics of linkage disequilibrium in two populations of bighorn sheep. <i>Ecology and Evolution</i> , 2015, 5, 3401-3412.	0.8	10
45	Comparing measures of breeding inequality and opportunity for selection with sexual selection on a quantitative character in bighorn rams. <i>Journal of Evolutionary Biology</i> , 2015, 28, 223-230.	0.8	6
46	The nature of nurture in a wild mammal's fitness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142422.	1.2	26
47	Daily energy expenditure during lactation is strongly selected in a free-living mammal. <i>Functional Ecology</i> , 2015, 29, 195-208.	1.7	14
48	Red squirrels use territorial vocalizations for kin discrimination. <i>Animal Behaviour</i> , 2015, 107, 79-85.	0.8	27
49	Post-weaning parental care increases fitness but is not heritable in North American red squirrels. <i>Journal of Evolutionary Biology</i> , 2015, 28, 1203-1212.	0.8	24
50	Harnessing cross-species alignment to discover SNPs and generate a draft genome sequence of a bighorn sheep (<i>Ovis canadensis</i>). <i>BMC Genomics</i> , 2015, 16, 397.	1.2	19
51	Sex-based differences in the adaptive value of social behavior contrasted against morphology and environment. <i>Ecology</i> , 2015, 96, 631-641.	1.5	66
52	Design of a 9K illumina BeadChip for polar bears (<i>Ursus maritimus</i>) from RAD and transcriptome sequencing. <i>Molecular Ecology Resources</i> , 2015, 15, 587-600.	2.2	45
53	How the Mountain Pine Beetle (<i>Dendroctonus ponderosae</i>) Breached the Canadian Rocky Mountains. <i>Molecular Biology and Evolution</i> , 2014, 31, 1803-1815.	3.5	70
54	Fine-scale genetic correlates to condition and migration in a wild cervid. <i>Evolutionary Applications</i> , 2014, 7, 937-948.	1.5	22

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55	Genomic Resources Notes accepted 1 June 2013-31 July 2013. <i>Molecular Ecology Resources</i> , 2014, 14, 218-218.	2.2	7
56	Very low levels of direct additive genetic variance in fitness and fitness components in a red squirrel population. <i>Ecology and Evolution</i> , 2014, 4, 1729-1738.	0.8	43
57	Cross-species outlier detection reveals different evolutionary pressures between sister species. <i>New Phytologist</i> , 2014, 204, 215-229.	3.5	31
58	Sexually antagonistic association between paternal phenotype and offspring viability reinforces total selection on a sexually selected trait. <i>Biology Letters</i> , 2014, 10, 20140043.	1.0	8
59	Genomic Resources Notes accepted 1 August 2013-30 September 2013. <i>Molecular Ecology Resources</i> , 2014, 14, 219-219.	2.2	5
60	Not surprisingly, no inheritance of a trait results in no evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4810.	3.3	13
61	Population Genetics of Arctic Grayling Distributed Across Large, Unobstructed River Systems. <i>Transactions of the American Fisheries Society</i> , 2014, 143, 802-816.	0.6	5
62	Assessment of identity disequilibrium and its relation to empirical heterozygosity fitness correlations: a meta-analysis. <i>Molecular Ecology</i> , 2014, 23, 1899-1909.	2.0	71
63	The genetic signature of rapid range expansions: How dispersal, growth and invasion speed impact heterozygosity and allele surfing. <i>Theoretical Population Biology</i> , 2014, 98, 1-10.	0.5	25
64	Estimating genome-wide heterozygosity: effects of demographic history and marker type. <i>Heredity</i> , 2014, 112, 240-247.	1.2	84
65	A quantitative trait locus analysis of personality in wild bighorn sheep. <i>Ecology and Evolution</i> , 2013, 3, 474-481.	0.8	26
66	A species-diagnostic SNP panel for discriminating lodgepole pine, jack pine, and their interspecific hybrids. <i>Tree Genetics and Genomes</i> , 2013, 9, 1119-1127.	0.6	26
67	Effects of introgression on the genetic population structure of two ecologically and economically important conifer species: lodgepole pine (<i>Pinus contorta</i> var. <i>latifolia</i>) and jack pine (<i>Pinus banksiana</i>). <i>Genome</i> , 2013, 56, 577-585.	0.9	15
68	Association mapping of genetic risk factors for chronic wasting disease in wild deer. <i>Evolutionary Applications</i> , 2013, 6, 340-352.	1.5	6
69	Molecular phylogeny of North American Branchiobdellida (Annelida: Clitellata). <i>Molecular Phylogenetics and Evolution</i> , 2013, 66, 30-42.	1.2	30
70	Chronic wasting disease: Possible transmission mechanisms in deer. <i>Ecological Modelling</i> , 2013, 250, 244-257.	1.2	35
71	Something Darwin didn't know about barnacles: spermcast mating in a common stalked species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122919.	1.2	42
72	The secret sex lives of sage-grouse: multiple paternity and intraspecific nest parasitism revealed through genetic analysis. <i>Behavioral Ecology</i> , 2013, 24, 29-38.	1.0	23

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73	Juxtaposition between host population structures: implications for disease transmission in a sympatric cervid community. <i>Evolutionary Applications</i> , 2013, 6, 1001-1011.	1.5	15
74	Genomic Resources Notes accepted 1 April 2013–31 May 2013. <i>Molecular Ecology Resources</i> , 2013, 13, 965-965.	2.2	3
75	Genetic Testing for TMEM154 Mutations Associated with Lentivirus Susceptibility in Sheep. <i>PLoS ONE</i> , 2013, 8, e55490.	1.1	28
76	Short Reads, Circular Genome: Skimming SOLiD Sequence to Construct the Bighorn Sheep Mitochondrial Genome. <i>Journal of Heredity</i> , 2012, 103, 140-146.	1.0	26
77	QTL mapping for sexually dimorphic fitness-related traits in wild bighorn sheep. <i>Heredity</i> , 2012, 108, 256-263.	1.2	33
78	Genome-Wide Analysis of the World's Sheep Breeds Reveals High Levels of Historic Mixture and Strong Recent Selection. <i>PLoS Biology</i> , 2012, 10, e1001258.	2.6	719
79	(Lack of) Genetic Diversity in Immune Genes Predates Glacial Isolation in the North American Mountain Goat (<i>Oreamnos americanus</i>). <i>Journal of Heredity</i> , 2012, 103, 371-379.	1.0	21
80	Hydrogeographic Vicariance Determines the Genetic Structure of Northwestern Walleye Populations. <i>Transactions of the American Fisheries Society</i> , 2012, 141, 697-706.	0.6	0
81	Consistent divergence times and allele sharing measured from cross-species application of SNP chips developed for three domestic species. <i>Molecular Ecology Resources</i> , 2012, 12, 1145-1150.	2.2	56
82	Habitat selection predicts genetic relatedness in an alpine ungulate. <i>Ecology</i> , 2012, 93, 1317-1329.	1.5	71
83	Phylogeographic insights into an irruptive pest outbreak. <i>Ecology and Evolution</i> , 2012, 2, 908-919.	0.8	25
84	Development of eight microsatellite loci from the endangered huemul (<i>Hippocamelus bisulcus</i>) and cross-species amplification in six other ungulate species. <i>Conservation Genetics Resources</i> , 2012, 4, 571-573.	0.4	1
85	Characterizing the physical and genetic structure of the lodgepole pine–jack pine hybrid zone: mosaic structure and differential introgression. <i>Evolutionary Applications</i> , 2012, 5, 879-891.	1.5	53
86	Sexing the Sciuridae: a simple and accurate set of molecular methods to determine sex in tree squirrels, ground squirrels and marmots. <i>Molecular Ecology Resources</i> , 2012, 12, 806-809.	2.2	5
87	Targeting the detection of chronic wasting disease using the hunter harvest during early phases of an outbreak in Saskatchewan, Canada. <i>Preventive Veterinary Medicine</i> , 2012, 104, 149-159.	0.7	26
88	Genomic consequences of genetic rescue in an insular population of bighorn sheep (<i>Ovis montanus</i>). <i>Evolutionary Applications</i> , 2012, 5, 1011-1020.	2.0	80
89	Spatial genetic structure of the mountain pine beetle (<i>Dendroctonus ponderosae</i>) outbreak in western Canada: historical patterns and contemporary dispersal. <i>Molecular Ecology</i> , 2012, 21, 2931-2948.	2.0	53
90	Low heritabilities, but genetic and maternal correlations between red squirrel behaviours. <i>Journal of Evolutionary Biology</i> , 2012, 25, 614-624.	0.8	83

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91	Multiscale population genetic analysis of mule deer (<i>Odocoileus hemionus hemionus</i>) in western Canada sheds new light on the spread of chronic wasting disease. <i>Canadian Journal of Zoology</i> , 2011, 89, 134-147.	0.4	33
92	A genome-wide set of SNPs detects population substructure and long range linkage disequilibrium in wild sheep. <i>Molecular Ecology Resources</i> , 2011, 11, 314-322.	2.2	80
93	Spatial Genetic Structure of a Symbiotic Beetle-Fungal System: Toward Multi-Taxa Integrated Landscape Genetics. <i>PLoS ONE</i> , 2011, 6, e25359.	1.1	57
94	Sex-differential effects of inbreeding on overwinter survival, birth date and mass of bighorn lambs. <i>Journal of Evolutionary Biology</i> , 2011, 24, 121-131.	0.8	36
95	A quantitative genetic analysis of hibernation emergence date in a wild population of Columbian ground squirrels. <i>Journal of Evolutionary Biology</i> , 2011, 24, 1949-1959.	0.8	53
96	Comparative phylogeography, genetic differentiation and contrasting reproductive modes in three fungal symbionts of a multipartite bark beetle symbiosis. <i>Molecular Ecology</i> , 2011, 20, 584-600.	2.0	48
97	Recipient of the 2010 Molecular Ecology Prize: Josephine Pemberton. <i>Molecular Ecology</i> , 2011, 20, 22-24.	2.0	0
98	Temporal dynamics of genetic variability in a mountain goat (<i>Oreamnos americanus</i>) population. <i>Molecular Ecology</i> , 2011, 20, 1601-1611.	2.0	31
99	Mountain pine beetle host-range expansion threatens the boreal forest. <i>Molecular Ecology</i> , 2011, 20, 2157-2171.	2.0	278
100	HOT SPOTS OF GENETIC DIVERSITY DESCENDED FROM MULTIPLE PLEISTOCENE REFUGIA IN AN ALPINE UNGULATE. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 125-138.	1.1	72
101	Broad and fine-scale genetic analysis of white-tailed deer populations: estimating the relative risk of chronic wasting disease spread. <i>Evolutionary Applications</i> , 2011, 4, 116-131.	1.5	63
102	Modelling landscape effects on density-contact rate relationships of deer in eastern Alberta: Implications for chronic wasting disease. <i>Ecological Modelling</i> , 2011, 222, 2722-2732.	1.2	53
103	No experimental effects of parasite load on male mating behaviour and reproductive success. <i>Animal Behaviour</i> , 2011, 82, 673-682.	0.8	15
104	Premating behavioral tactics of Columbian ground squirrels. <i>Journal of Mammalogy</i> , 2011, 92, 861-870.	0.6	5
105	Past bottlenecks and current population fragmentation of endangered huemul deer (<i>Hippocamelus</i>) Tj ETQq1 1 0.784314 rgBT /Over bc 0.8 29	0.8	29
106	Population structure and genetic diversity of greater sage-grouse (<i>Centrocercus urophasianus</i>) in fragmented landscapes at the northern edge of their range. <i>Conservation Genetics</i> , 2011, 12, 527-542.	0.8	42
107	Deciphering translocations from relicts in Baranof Island mountain goats: is an endemic genetic lineage at risk?. <i>Conservation Genetics</i> , 2011, 12, 1261-1268.	0.8	8
108	Male reproductive tactics to increase paternity in the polygynandrous Columbian ground squirrel (<i>Urocitellus columbianus</i>). <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 695-706.	0.6	23

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109	Lodgepole pine, jack pine, and their hybrids: molecular markers reveal mountain pine beetle host-range expansion into jack pine of the boreal forest. <i>BMC Proceedings</i> , 2011, 5, O3.	1.8	0
110	The heritability of multiple male mating in a promiscuous mammal. <i>Biology Letters</i> , 2011, 7, 368-371.	1.0	21
111	Does reduced heterozygosity influence dispersal? A test using spatially structured populations in an alpine ungulate. <i>Biology Letters</i> , 2011, 7, 433-435.	1.0	15
112	Genetic Structure of Muskrat (<i>Ondatra zibethicus</i>) and Its Concordance with Taxonomy in North America. <i>Journal of Heredity</i> , 2011, 102, 688-696.	1.0	7
113	Isolation and characterization of nine polymorphic microsatellite loci in the northern crayfish (<i>Orconectes virilis</i>). <i>Conservation Genetics Resources</i> , 2010, 2, 235-237.	0.4	4
114	Genome variability in European and American bison detected using the BovineSNP50 BeadChip. <i>Conservation Genetics</i> , 2010, 11, 627-634.	0.8	46
115	Genetic linkage map of a wild genome: genomic structure, recombination and sexual dimorphism in bighorn sheep. <i>BMC Genomics</i> , 2010, 11, 524.	1.2	38
116	No inbreeding avoidance in an isolated population of bighorn sheep. <i>Animal Behaviour</i> , 2010, 80, 865-871.	0.8	43
117	SEX-SPECIFIC GENETIC VARIANCE AND THE EVOLUTION OF SEXUAL DIMORPHISM: A SYSTEMATIC REVIEW OF CROSS-SEX GENETIC CORRELATIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 97-107.	1.1	274
118	Evaluation of 16 loci to examine the cross-species utility of single nucleotide polymorphism arrays. <i>Animal Genetics</i> , 2010, 41, 199-202.	0.6	12
119	Of glaciers and refugia: a decade of study sheds new light on the phylogeography of northwestern North America. <i>Molecular Ecology</i> , 2010, 19, 4589-4621.	2.0	435
120	Mating order and reproductive success in male Columbian ground squirrels (<i>Urocitellus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (c	1.0	53
121	Phylogenetic relationships among the European and American bison and seven cattle breeds reconstructed using the BovineSNP50 Illumina Genotyping BeadChip. <i>Acta Theriologica</i> , 2010, 55, 97-108.	1.1	13
122	Birds of a Feather do not Always Lek Together: Genetic Diversity and Kinship Structure of Greater Sage-Grouse (<i>Centrocercus urophasianus</i>) in Alberta. <i>Auk</i> , 2010, 127, 343-353.	0.7	25
123	Adopting kin enhances inclusive fitness in asocial red squirrels. <i>Nature Communications</i> , 2010, 1, 22.	5.8	40
124	Multiscale analysis reveals restricted gene flow and a linear gradient in heterozygosity for an island population of feral horses. <i>Canadian Journal of Zoology</i> , 2009, 87, 310-316.	0.4	13
125	Father-offspring phenotypic correlations suggest intralocus sexual conflict for a fitness-linked trait in a wild sexually dimorphic mammal. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 4067-4075.	1.2	78
126	Sexually selected behaviour: red squirrel males search for reproductive success. <i>Journal of Animal Ecology</i> , 2009, 78, 296-304.	1.3	65

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127	Multilocus heterozygosity, parental relatedness and individual fitness components in a wild mountain goat, <i>Oreamnos americanus</i> population. <i>Molecular Ecology</i> , 2009, 18, 2297-2306.	2.0	39
128	A quantitative review of heterozygosity–fitness correlations in animal populations. <i>Molecular Ecology</i> , 2009, 18, 2746-2765.	2.0	374
129	Male personality, life-history strategies and reproductive success in a promiscuous mammal. <i>Journal of Evolutionary Biology</i> , 2009, 22, 1599-1607.	0.8	191
130	The ontogeny of cross-sex genetic correlations: an analysis of patterns. <i>Journal of Evolutionary Biology</i> , 2009, 22, 2558-2562.	0.8	13
131	Polymorphisms at the PRNP Gene Influence Susceptibility to Chronic Wasting Disease in Two Species of Deer (<i>Odocoileus</i> Spp.) in Western Canada. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009, 72, 1025-1029.	1.1	49
132	Depauperate genetic variability detected in the American and European bison using genomic techniques. <i>Biology Direct</i> , 2009, 4, 48.	1.9	17
133	Isolation and characterization of polymorphic microsatellite loci in muskrat, <i>Ondatra zibethicus</i> . <i>Molecular Ecology Resources</i> , 2009, 9, 654-657.	2.2	6
134	Genome-wide cross-amplification of domestic sheep microsatellites in bighorn sheep and mountain goats. <i>Molecular Ecology Resources</i> , 2009, 9, 1121-1126.	2.2	24
135	Molecular ecological approaches to studying the evolutionary impact of selective harvesting in wildlife. <i>Molecular Ecology</i> , 2008, 17, 221-235.	2.0	64
136	Genetic structure of invasive earthworms <i>Dendrobaena octaedra</i> in the boreal forest of Alberta: insights into introduction mechanisms. <i>Molecular Ecology</i> , 2008, 17, 1189-1197.	2.0	73
137	Population structure of ice-breeding seals. <i>Molecular Ecology</i> , 2008, 17, 3078-3094.	2.0	55
138	Female multiple mating and paternity in free-ranging North American red squirrels. <i>Animal Behaviour</i> , 2008, 75, 1927-1937.	0.8	56
139	Local effects of inbreeding on embryo number and consequences for genetic diversity in Kerguelen mouflon. <i>Biology Letters</i> , 2008, 4, 504-507.	1.0	10
140	Evolutionary rebound from selective harvesting. <i>Trends in Ecology and Evolution</i> , 2008, 23, 117-118.	4.2	26
141	Genetic diversity and structure in Canadian northern leopard frog (<i>Rana pipiens</i>) populations: implications for reintroduction programs. <i>Canadian Journal of Zoology</i> , 2008, 86, 863-874.	0.4	14
142	Quantitative genetics and sex-specific selection on sexually dimorphic traits in bighorn sheep. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 623-628.	1.2	76
143	MC1R variants correlate with thinhorn sheep colour cline but not individual colour. <i>Canadian Journal of Zoology</i> , 2008, 86, 147-150.	0.4	18
144	Unexpected heterozygosity in an island mouflon population founded by a single pair of individuals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 527-533.	1.2	67

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145	Detecting population structure using STRUCTURE software: effect of background linkage disequilibrium. <i>Heredity</i> , 2007, 99, 374-380.	1.2	100
146	Age-dependent genetic effects on a secondary sexual trait in male Alpine ibex, <i>Capra ibex</i> . <i>Molecular Ecology</i> , 2007, 16, 1969-1980.	2.0	114
147	Panmictic population structure in the hooded seal (<i>Cystophora cristata</i>). <i>Molecular Ecology</i> , 2007, 16, 1639-1648.	2.0	50
148	The effects of cyclic dynamics and mating system on the effective size of an island mouflon population. <i>Molecular Ecology</i> , 2007, 16, 4482-4492.	2.0	8
149	TECHNICAL ARTICLE: A test of the efficacy of whole-genome amplification on DNA obtained from low-yield samples. <i>Molecular Ecology Notes</i> , 2007, 7, 393-399.	1.7	5
150	SELECTION ON HERITABLE SEASONAL PHENOTYPIC PLASTICITY OF BODY MASS. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 1969-1979.	1.1	84
151	Genetic relatedness of mates does not predict patterns of parentage in North American red squirrels. <i>Animal Behaviour</i> , 2007, 74, 611-619.	0.8	46
152	Quantitative genetics of growth and cryptic evolution of body size in an island population. <i>Evolutionary Ecology</i> , 2007, 21, 337-356.	0.5	91
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195	Bovine microsatellite loci are highly conserved in red deer (<i>Cervus elaphus</i>), sika deer (<i>Cervus nippon</i>) Tj ETQq1 1 0,784314 rgBT /Overl 0,6 130	0.6	130
196	Birth weight and neonatal survival of harbour seal pups are positively correlated with genetic variation measured by microsatellites. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 803-809.	1.2	266
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