David W Coltman

List of Publications by Year
in descending order

202 papers	12,970 citations	20817 60 h-index	29157 104 g-index
209 all docs	209 docs citations	209 times ranked	11310 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. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20212534.	2.6	2
2	Genetic variance in fitness indicates rapid contemporary adaptive evolution in wild animals. Science, 2022, 376, 1012-1016.	12.6	69
3	Measuring fitness and inferring natural selection from long-term field studies: different measures lead to nuanced conclusions. Behavioral Ecology and Sociobiology, 2022, 76, .	1.4	5
4	Familiar Neighbors, but Not Relatives, Enhance Fitness in a Territorial Mammal. Current Biology, 2021, 31, 438-445.e3.	3.9	33
5	Determinants and longâ€term costs of early reproduction in males of a longâ€lived polygynous mammal. Ecology and Evolution, 2021, 11, 6829-6845.	1.9	9
6	An independent experiment does not support stress-mediated kin discrimination through red squirrel vocalizations. Animal Behaviour, 2021, 176, 185-192.	1.9	0
7	Extent and direction of introgressive hybridization of mule and whiteâ€tailed deer in western Canada. Evolutionary Applications, 2021, 14, 1914-1925.	3.1	9
8	Ancient hybridization patterns between bighorn and thinhorn sheep. Molecular Ecology, 2021, 30, 6273-6288.	3.9	4
9	Seeing the whole picture: What molecular ecology is gaining from whole genomes. Molecular Ecology, 2021, 30, 5917-5922.	3.9	12
10	Linking genotype to phenotype to identify genetic variation relating to host susceptibility in the mountain pine beetle system. Evolutionary Applications, 2020, 13, 48-61.	3.1	5
11	The new kid on the block: immigrant males win big whereas females pay fitness cost after dispersal. Ecology Letters, 2020, 23, 430-438.	6.4	26
12	Sex- and context-specific associations between personality and a measure of fitness but no link with life history traits. Animal Behaviour, 2020, 167, 23-39.	1.9	11
13	Spatial genetic structure of Rocky Mountain bighorn sheep (Ovis canadensis canadensis) at the northern limit of their native range. Canadian Journal of Zoology, 2020, 98, 317-330.	1.0	6
14	Predicting the spread-risk potential of chronic wasting disease to sympatric ungulate species. Prion, 2020, 14, 56-66.	1.8	18
15	Genetic decline, restoration and rescue of an isolated ungulate population. Evolutionary Applications, 2019, 12, 1318-1328.	3.1	33
16	Heritability of Horn Size in Thinhorn Sheep. Frontiers in Genetics, 2019, 10, 959.	2.3	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. G3: Genes, Genomes, Genetics, 2019, 9, 911-919.	1.8	21
18	Spatial and genetic structure of the lodgepole Ã— jack pine hybrid zone. Canadian Journal of Forest Research, 2019, 49, 844-853.	1.7	11

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19	Social effects of territorial neighbours on the timing of spring breeding in North American red squirrels. Journal of Evolutionary Biology, 2019, 32, 559-571.	1.7	20
20	Indirect effects on fitness between individuals that have never met via an extended phenotype. Ecology Letters, 2019, 22, 697-706.	6.4	24
21	Alternative reproductive tactics and lifetime reproductive success in a polygynandrous mammal. Behavioral Ecology, 2019, 30, 474-482.	2.2	7
22	Management implications of highly resolved hierarchical population genetic structure in thinhorn sheep. Conservation Genetics, 2019, 20, 185-201.	1.5	6
23	Phenological shifts in North American red squirrels: disentangling the roles of phenotypic plasticity and microevolution. Journal of Evolutionary Biology, 2018, 31, 810-821.	1.7	26
24	Heritability of body size in the polar bears of Western Hudson Bay. Molecular Ecology Resources, 2018, 18, 854-866.	4.8	25
25	Sexually selected infanticide by male red squirrels in advance of a mast year. Ecology, 2018, 99, 1242-1244.	3.2	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. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181251.	2.6	3
27	Will human influences on evolutionary dynamics in the wild pervade the Anthropocene?. BMC Biology, 2018, 16, 7.	3.8	73
28	Genomic analysis of morphometric traits in bighorn sheep using the Ovine Infinium^{Â®}ÂHD SNP BeadChip. PeerJ, 2018, 6, e4364.	2.0	18
29	Using playback of territorial calls to investigate mechanisms of kin discrimination in red squirrels. Behavioral Ecology, 2017, 28, 382-390.	2.2	7
30	Environmental and evolutionary effects on horn growth of male bighorn sheep. Oikos, 2017, 126, 1031-1041.	2.7	38
31	Towards robust evolutionary inference with integral projection models. Journal of Evolutionary Biology, 2017, 30, 270-288.	1.7	24
32	Familiarity with neighbours affects intrusion risk in territorial red squirrels. Animal Behaviour, 2017, 133, 11-20.	1.9	32
33	Fluctuating effects of genetic and plastic changes in body mass on population dynamics in a large herbivore. Ecology, 2017, 98, 2456-2467.	3.2	17
34	Seasonal, spatial, and maternal effects on gut microbiome in wild red squirrels. Microbiome, 2017, 5, 163.	11.1	148
35	Genomeâ€wide set of <scp>SNP</scp>s reveals evidence for two glacial refugia and admixture from postglacial recolonization in an alpine ungulate. Molecular Ecology, 2016, 25, 3696-3705.	3.9	29
36	Paternal reproductive success drives sex allocation in a wild mammal. Evolution; International Journal of Organic Evolution, 2016, 70, 358-368.	2.3	25

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37	Genetic subdivision and candidate genes under selection in North American grey wolves. Molecular Ecology, 2016, 25, 380-402.	3.9	100
38	Evidence of adoption, monozygotic twinning, and low inbreeding rates in a large genetic pedigree of polar bears. Polar Biology, 2016, 39, 1455-1465.	1.2	48
39	Intense selective hunting leads to artificial evolution in horn size. Evolutionary Applications, 2016, 9, 521-530.	3.1	127
40	Demographic drivers of ageâ€dependent sexual selection. Journal of Evolutionary Biology, 2016, 29, 1437-1446.	1.7	23
41	Population structure and dispersal of wolves in the Canadian Rocky Mountains. Journal of Mammalogy, 2016, 97, 839-851.	1.3	15
42	Polygamy and an absence of fine-scale structure in Dendroctonus ponderosae (Hopk.) (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.6	15
43	Circumpolar Genetic Structure and Recent Gene Flow of Polar Bears: A Reanalysis. PLoS ONE, 2016, 11, e0148967.	2.5	52
44	Temporal dynamics of linkage disequilibrium in two populations of bighorn sheep. Ecology and Evolution, 2015, 5, 3401-3412.	1.9	10
45	Comparing measures of breeding inequality and opportunity for selection with sexual selection on a quantitative character in bighorn rams. Journal of Evolutionary Biology, 2015, 28, 223-230.	1.7	6
46	The nature of nurture in a wild mammal's fitness. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142422.	2.6	26
47	Daily energy expenditure during lactation is strongly selected in a freeâ€living mammal. Functional Ecology, 2015, 29, 195-208.	3.6	14
48	Red squirrels use territorial vocalizations for kin discrimination. Animal Behaviour, 2015, 107, 79-85.	1.9	27
49	Postâ€weaning parental care increases fitness but is not heritable in North American red squirrels. Journal of Evolutionary Biology, 2015, 28, 1203-1212.	1.7	24
50	Harnessing cross-species alignment to discover SNPs and generate a draft genome sequence of a bighorn sheep (Ovis canadensis). BMC Genomics, 2015, 16, 397.	2.8	19
51	Sexâ€based differences in the adaptive value of social behavior contrasted against morphology and environment. Ecology, 2015, 96, 631-641.	3.2	66
52	Design of a 9K illumina BeadChip for polar bears (<scp>U</scp>rsus maritimus) from <scp>RAD</scp> and transcriptome sequencing. Molecular Ecology Resources, 2015, 15, 587-600.	4.8	45
53	How the Mountain Pine Beetle (Dendroctonus ponderosae) Breached the Canadian Rocky Mountains. Molecular Biology and Evolution, 2014, 31, 1803-1815.	8.9	70
54	Fineâ€scale genetic correlates to condition and migration in a wild cervid. Evolutionary Applications, 2014, 7, 937-948.	3.1	22

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55	Genomic Resources Notes accepted 1 June 2013-31 July 2013. Molecular Ecology Resources, 2014, 14, 218-218.	4.8	7
56	Very low levels of direct additive genetic variance in fitness and fitness components in a red squirrel population. Ecology and Evolution, 2014, 4, 1729-1738.	1.9	43
57	Crossâ€species outlier detection reveals different evolutionary pressures between sister species. New Phytologist, 2014, 204, 215-229.	7.3	31
58	Sexually antagonistic association between paternal phenotype and offspring viability reinforces total selection on a sexually selected trait. Biology Letters, 2014, 10, 20140043.	2.3	8
59	Genomic Resources Notes accepted 1 August 2013-30 September 2013. Molecular Ecology Resources, 2014, 14, 219-219.	4.8	5
60	Not surprisingly, no inheritance of a trait results in no evolution. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4810.	7.1	13
61	Population Genetics of Arctic Grayling Distributed Across Large, Unobstructed River Systems. Transactions of the American Fisheries Society, 2014, 143, 802-816.	1.4	5
62	Assessment of identity disequilibrium and its relation to empirical heterozygosity fitness correlations: a metaâ€analysis. Molecular Ecology, 2014, 23, 1899-1909.	3.9	71
63	The genetic signature of rapid range expansions: How dispersal, growth and invasion speed impact heterozygosity and allele surfing. Theoretical Population Biology, 2014, 98, 1-10.	1.1	25
64	Estimating genome-wide heterozygosity: effects of demographic history and marker type. Heredity, 2014, 112, 240-247.	2.6	84
65	A quantitative trait locus analysis of personality in wild bighorn sheep. Ecology and Evolution, 2013, 3, 474-481.	1.9	26
66	A species-diagnostic SNP panel for discriminating lodgepole pine, jack pine, and their interspecific hybrids. Tree Genetics and Genomes, 2013, 9, 1119-1127.	1.6	26
67	Effects of introgression on the genetic population structure of two ecologically and economically important conifer species: lodgepole pine (Pinus contortavar.latifolia) and jack pine (Pinus banksiana). Genome, 2013, 56, 577-585.	2.0	15
68	Association mapping of genetic risk factors for chronic wasting disease in wild deer. Evolutionary Applications, 2013, 6, 340-352.	3.1	6
69	Molecular phylogeny of North American Branchiobdellida (Annelida: Clitellata). Molecular Phylogenetics and Evolution, 2013, 66, 30-42.	2.7	30
70	Chronic wasting disease: Possible transmission mechanisms in deer. Ecological Modelling, 2013, 250, 244-257.	2.5	35
71	Something Darwin didn't know about barnacles: spermcast mating in a common stalked species. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122919.	2.6	42
72	The secret sex lives of sage-grouse: multiple paternity and intraspecific nest parasitism revealed through genetic analysis. Behavioral Ecology, 2013, 24, 29-38.	2.2	23

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73	Juxtaposition between host population structures: implications for disease transmission in a sympatric cervid community. Evolutionary Applications, 2013, 6, 1001-1011.	3.1	15
74	Genomic Resources Notes accepted 1 April 2013â€“31 May 2013. Molecular Ecology Resources, 2013, 13, 965-965.	4.8	3
75	Genetic Testing for TMEM154 Mutations Associated with Lentivirus Susceptibility in Sheep. PLoS ONE, 2013, 8, e55490.	2.5	28
76	Short Reads, Circular Genome: Skimming SOLiD Sequence to Construct the Bighorn Sheep Mitochondrial Genome. Journal of Heredity, 2012, 103, 140-146.	2.4	26
77	QTL mapping for sexually dimorphic fitness-related traits in wild bighorn sheep. Heredity, 2012, 108, 256-263.	2.6	33
78	Genome-Wide Analysis of the World's Sheep Breeds Reveals High Levels of Historic Mixture and Strong Recent Selection. PLoS Biology, 2012, 10, e1001258.	5.6	719
79	(Lack of) Genetic Diversity in Immune Genes Predates Glacial Isolation in the North American Mountain Goat (Oreamnos americanus). Journal of Heredity, 2012, 103, 371-379.	2.4	21
80	Hydrogeographic Vicariance Determines the Genetic Structure of Northwestern Walleye Populations. Transactions of the American Fisheries Society, 2012, 141, 697-706.	1.4	0
81	Consistent divergence times and allele sharing measured from crossâ€species application of <scp>SNP</scp> chips developed for three domestic species. Molecular Ecology Resources, 2012, 12, 1145-1150.	4.8	56
82	Habitat selection predicts genetic relatedness in an alpine ungulate. Ecology, 2012, 93, 1317-1329.	3.2	71
83	Phylogeographic insights into an irruptive pest outbreak. Ecology and Evolution, 2012, 2, 908-919.	1.9	25
84	Development of eight microsatellite loci from the endangered huemul (Hippocamelus bisulcus) and cross-species amplification in six other ungulate species. Conservation Genetics Resources, 2012, 4, 571-573.	0.8	1
85	Characterizing the physical and genetic structure of the lodgepole pineÂÃ—Âjack pine hybrid zone: mosaic structure and differential introgression. Evolutionary Applications, 2012, 5, 879-891.	3.1	53
86	Sexing the Sciuridae: a simple and accurate set of molecular methods to determine sex in tree squirrels, ground squirrels and marmots. Molecular Ecology Resources, 2012, 12, 806-809.	4.8	5
87	Targeting the detection of chronic wasting disease using the hunter harvest during early phases of an outbreak in Saskatchewan, Canada. Preventive Veterinary Medicine, 2012, 104, 149-159.	1.9	26
88	Genomic consequences of genetic rescue in an insular population of bighorn sheep (Ovis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	3.9	80
89	Spatial genetic structure of the mountain pine beetle (Dendroctonus ponderosae) outbreak in western Canada: historical patterns and contemporary dispersal. Molecular Ecology, 2012, 21, 2931-2948.	3.9	53
90	Low heritabilities, but genetic and maternal correlations between red squirrel behaviours. Journal of Evolutionary Biology, 2012, 25, 614-624.	1.7	83

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91	Multiscale population genetic analysis of mule deer (OdocoileusÂhemionus hemionus) in western Canada sheds new light on the spread of chronic wasting disease. Canadian Journal of Zoology, 2011, 89, 134-147.	1.0	33
92	A genomeâ€wide set of SNPs detects population substructure and long range linkage disequilibrium in wild sheep. Molecular Ecology Resources, 2011, 11, 314-322.	4.8	80
93	Spatial Genetic Structure of a Symbiotic Beetle-Fungal System: Toward Multi-Taxa Integrated Landscape Genetics. PLoS ONE, 2011, 6, e25359.	2.5	57
94	Sex-differential effects of inbreeding on overwinter survival, birth date and mass of bighorn lambs. Journal of Evolutionary Biology, 2011, 24, 121-131.	1.7	36
95	A quantitative genetic analysis of hibernation emergence date in a wild population of Columbian ground squirrels. Journal of Evolutionary Biology, 2011, 24, 1949-1959.	1.7	53
96	Comparative phylogeography, genetic differentiation and contrasting reproductive modes in three fungal symbionts of a multipartite bark beetle symbiosis. Molecular Ecology, 2011, 20, 584-600.	3.9	48
97	Recipient of the 2010 Molecular Ecology Prize: Josephine Pemberton. Molecular Ecology, 2011, 20, 22-24.	3.9	0
98	Temporal dynamics of genetic variability in a mountain goat (Oreamnos americanus) population. Molecular Ecology, 2011, 20, 1601-1611.	3.9	31
99	Mountain pine beetle host-range expansion threatens the boreal forest. Molecular Ecology, 2011, 20, 2157-2171.	3.9	278
100	HOT SPOTS OF GENETIC DIVERSITY DESCENDED FROM MULTIPLE PLEISTOCENE REFUGIA IN AN ALPINE UNGULATE. Evolution; International Journal of Organic Evolution, 2011, 65, 125-138.	2.3	72
101	Broad and fine-scale genetic analysis of white-tailed deer populations: estimating the relative risk of chronic wasting disease spread. Evolutionary Applications, 2011, 4, 116-131.	3.1	63
102	Modelling landscape effects on densityâ€"contact rate relationships of deer in eastern Alberta: Implications for chronic wasting disease. Ecological Modelling, 2011, 222, 2722-2732.	2.5	53
103	No experimental effects of parasite load on male mating behaviour and reproductive success. Animal Behaviour, 2011, 82, 673-682.	1.9	15
104	Premating behavioral tactics of Columbian ground squirrels. Journal of Mammalogy, 2011, 92, 861-870.	1.3	5
105	Past bottlenecks and current population fragmentation of endangered huemul deer (Hippocamelus) Tj ETQq1 1 0.784314 rgBT /Overlo	1.5	29
106	Population structure and genetic diversity of greater sage-grouse (Centrocercus urophasianus) in fragmented landscapes at the northern edge of their range. Conservation Genetics, 2011, 12, 527-542.	1.5	42
107	Deciphering translocations from relicts in Baranof Island mountain goats: is an endemic genetic lineage at risk?. Conservation Genetics, 2011, 12, 1261-1268.	1.5	8
108	Male reproductive tactics to increase paternity in the polygynandrous Columbian ground squirrel (Urocitellus columbianus). Behavioral Ecology and Sociobiology, 2011, 65, 695-706.	1.4	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. BMC Proceedings, 2011, 5, O3.	1.6	0
110	The heritability of multiple male mating in a promiscuous mammal. Biology Letters, 2011, 7, 368-371.	2.3	21
111	Does reduced heterozygosity influence dispersal? A test using spatially structured populations in an alpine ungulate. Biology Letters, 2011, 7, 433-435.	2.3	15
112	Genetic Structure of Muskrat (Ondatra zibethicus) and Its Concordance with Taxonomy in North America. Journal of Heredity, 2011, 102, 688-696.	2.4	7
113	Isolation and characterization of nine polymorphic microsatellite loci in the northern crayfish (Orconectes virilis). Conservation Genetics Resources, 2010, 2, 235-237.	0.8	4
114	Genome variability in European and American bison detected using the BovineSNP50 BeadChip. Conservation Genetics, 2010, 11, 627-634.	1.5	46
115	Genetic linkage map of a wild genome: genomic structure, recombination and sexual dimorphism in bighorn sheep. BMC Genomics, 2010, 11, 524.	2.8	38
116	No inbreeding avoidance in an isolated population of bighorn sheep. Animal Behaviour, 2010, 80, 865-871.	1.9	43
117	SEX-SPECIFIC GENETIC VARIANCE AND THE EVOLUTION OF SEXUAL DIMORPHISM: A SYSTEMATIC REVIEW OF CROSS-SEX GENETIC CORRELATIONS. Evolution; International Journal of Organic Evolution, 2010, 64, 97-107.	2.3	274
118	Evaluation of 16 loci to examine the crossâ€species utility of single nucleotide polymorphism arrays. Animal Genetics, 2010, 41, 199-202.	1.7	12
119	Of glaciers and refugia: a decade of study sheds new light on the phylogeography of northwestern North America. Molecular Ecology, 2010, 19, 4589-4621.	3.9	435
120	Mating order and reproductive success in male Columbian ground squirrels (Urocitellus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (c	2.2	53
121	Phylogenetic relationships among the European and American bison and seven cattle breeds reconstructed using the BovineSNP50 Illumina Genotyping BeadChip. Acta Theriologica, 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 (Centrocercus urophasianus) in Alberta. Auk, 2010, 127, 343-353.	1.4	25
123	Adopting kin enhances inclusive fitness in asocial red squirrels. Nature Communications, 2010, 1, 22.	12.8	40
124	Multiscale analysis reveals restricted gene flow and a linear gradient in heterozygosity for an island population of feral horses. Canadian Journal of Zoology, 2009, 87, 310-316.	1.0	13
125	Fatherâ€"offspring phenotypic correlations suggest intralocus sexual conflict for a fitness-linked trait in a wild sexually dimorphic mammal. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 4067-4075.	2.6	78
126	Sexually selected behaviour: red squirrel males search for reproductive success. Journal of Animal Ecology, 2009, 78, 296-304.	2.8	65

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127	Multilocus heterozygosity, parental relatedness and individual fitness components in a wild mountain goat, Oreamnos americanus population. Molecular Ecology, 2009, 18, 2297-2306.	3.9	39
128	A quantitative review of heterozygosityâ€"fitness correlations in animal populations. Molecular Ecology, 2009, 18, 2746-2765.	3.9	374
129	Male personality, lifeâ€history strategies and reproductive success in a promiscuous mammal. Journal of Evolutionary Biology, 2009, 22, 1599-1607.	1.7	191
130	The ontogeny of crossâ€sex genetic correlations: an analysis of patterns. Journal of Evolutionary Biology, 2009, 22, 2558-2562.	1.7	13
131	Polymorphisms at thePRNPGene Influence Susceptibility to Chronic Wasting Disease in Two Species of Deer (OdocoileusSpp.) in Western Canada. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2009, 72, 1025-1029.	2.3	49
132	Depauperate genetic variability detected in the American and European bison using genomic techniques. Biology Direct, 2009, 4, 48.	4.6	17
133	Isolation and characterization of polymorphic microsatellite loci in muskrat, Ondatra zibethicus. Molecular Ecology Resources, 2009, 9, 654-657.	4.8	6
134	Genomeâ€wide crossâ€amplification of domestic sheep microsatellites in bighorn sheep and mountain goats. Molecular Ecology Resources, 2009, 9, 1121-1126.	4.8	24
135	Molecular ecological approaches to studying the evolutionary impact of selective harvesting in wildlife. Molecular Ecology, 2008, 17, 221-235.	3.9	64
136	Genetic structure of invasive earthwormsDendrobaena octaedrain the boreal forest of Alberta: insights into introduction mechanisms. Molecular Ecology, 2008, 17, 1189-1197.	3.9	73
137	Population structure of iceâ€breeding seals. Molecular Ecology, 2008, 17, 3078-3094.	3.9	55
138	Female multiple mating and paternity in free-ranging North American red squirrels. Animal Behaviour, 2008, 75, 1927-1937.	1.9	56
139	Local effects of inbreeding on embryo number and consequences for genetic diversity in Kerguelen mouflon. Biology Letters, 2008, 4, 504-507.	2.3	10
140	Evolutionary rebound from selective harvesting. Trends in Ecology and Evolution, 2008, 23, 117-118.	8.7	26
141	Genetic diversity and structure in Canadian northern leopard frog (Rana pipiens) populations: implications for reintroduction programs. Canadian Journal of Zoology, 2008, 86, 863-874.	1.0	14
142	Quantitative genetics and sex-specific selection on sexually dimorphic traits in bighorn sheep. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 623-628.	2.6	76
143	MC1R variants correlate with thinhorn sheep colour cline but not individual colour. Canadian Journal of Zoology, 2008, 86, 147-150.	1.0	18
144	Unexpected heterozygosity in an island mouflon population founded by a single pair of individuals. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 527-533.	2.6	67

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145	Detecting population structure using STRUCTURE software: effect of background linkage disequilibrium. Heredity, 2007, 99, 374-380.	2.6	100
146	Age-dependent genetic effects on a secondary sexual trait in male Alpine ibex, Capra ibex. Molecular Ecology, 2007, 16, 1969-1980.	3.9	114
147	Panmictic population structure in the hooded seal (Cystophora cristata). Molecular Ecology, 2007, 16, 1639-1648.	3.9	50
148	The effects of cyclic dynamics and mating system on the effective size of an island mouflon population. Molecular Ecology, 2007, 16, 4482-4492.	3.9	8
149	TECHNICAL ARTICLE: A test of the efficacy of whole-genome amplification on DNA obtained from low-yield samples. Molecular Ecology Notes, 2007, 7, 393-399.	1.7	5
150	SELECTION ON HERITABLE SEASONAL PHENOTYPIC PLASTICITY OF BODY MASS. Evolution; International Journal of Organic Evolution, 2007, 61, 1969-1979.	2.3	84
151	Genetic relatedness of mates does not predict patterns of parentage in North American red squirrels. Animal Behaviour, 2007, 74, 611-619.	1.9	46
152	Quantitative genetics of growth and cryptic evolution of body size in an island population. Evolutionary Ecology, 2007, 21, 337-356.	1.2	91
153	Low MHC DRB class II diversity in the mountain goat: past bottlenecks and possible role of pathogens and parasites. Conservation Genetics, 2007, 8, 885-891.	1.5	47
154	Molecular cryptozoology meets the Sasquatch. Trends in Ecology and Evolution, 2006, 21, 60-61.	8.7	4
155	Evidence for cryptic glacial refugia from North American mountain sheep mitochondrial DNA. Journal of Evolutionary Biology, 2006, 19, 419-430.	1.7	84
156	Detecting the signature of selection on immune genes in highly structured populations of wild sheep (Ovis dalli). Molecular Ecology, 2006, 15, 623-637.	3.9	37
157	Globally dispersed Y chromosomal haplotypes in wild and domestic sheep. Animal Genetics, 2006, 37, 444-453.	1.7	72
158	Performance of Marker-Based Relatedness Estimators in Natural Populations of Outbred Vertebrates. Genetics, 2006, 173, 2091-2101.	2.9	250
159	Environmental Coupling of Selection and Heritability Limits Evolution. PLoS Biology, 2006, 4, e216.	5.6	217
160	Isolation of 18 polymorphic microsatellite loci from the North American red squirrel, Tamiasciurus hudsonicus (Sciuridae, Rodentia), and their cross-utility in other species. Molecular Ecology Notes, 2005, 5, 650-653.	1.7	38
161	Characterization of 29 polymorphic artiodactyl microsatellite markers for the mountain goat (Oreamnos americanus). Molecular Ecology Notes, 2005, 5, 809-811.	1.7	14
162	Testing marker-based estimates of heritability in the wild. Molecular Ecology, 2005, 14, 2593-2599.	3.9	56

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163	Rapidly declining fine-scale spatial genetic structure in female red deer. Molecular Ecology, 2005, 14, 3395-3405.	3.9	96
164	Differentiation by dispersal. Nature, 2005, 433, 23-24.	27.8	15
165	SELECTION ON MOTHERS AND OFFSPRING: WHOSE PHENOTYPE IS IT AND DOES IT MATTER?. Evolution; International Journal of Organic Evolution, 2005, 59, 451-463.	2.3	68
166	SELECTION AND GENETIC (CO)VARIANCE IN BIGHORN SHEEP. Evolution; International Journal of Organic Evolution, 2005, 59, 1372-1382.	2.3	135
167	GENETIC CONSTRAINTS AND SEXUAL DIMORPHISM IN IMMUNE DEFENSE. Evolution; International Journal of Organic Evolution, 2005, 59, 1844-1850.	2.3	76
168	GENETIC CONSTRAINTS AND SEXUAL DIMORPHISM IN IMMUNE DEFENSE. Evolution; International Journal of Organic Evolution, 2005, 59, 1844.	2.3	7
169	SELECTION AND GENETIC (CO)VARIANCE IN BIGHORN SHEEP. Evolution; International Journal of Organic Evolution, 2005, 59, 1372.	2.3	1
170	Ontogenetic Patterns in Heritable Variation for Body Size: Using Random Regression Models in a Wild Ungulate Population. American Naturalist, 2005, 166, E177-E192.	2.1	114
171	Male mate choice influences female promiscuity in Soay sheep. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 365-373.	2.6	67
172	Selection and genetic (co)variance in bighorn sheep. Evolution; International Journal of Organic Evolution, 2005, 59, 1372-82.	2.3	34
173	Relative allocation to horn and body growth in bighorn rams varies with resource availability. Behavioral Ecology, 2004, 15, 305-312.	2.2	128
174	Maternal genetic effects set the potential for evolution in a free-living vertebrate population. Journal of Evolutionary Biology, 2004, 18, 405-414.	1.7	169
175	Population genetic structure of North American thinhorn sheep (Ovis dalli). Molecular Ecology, 2004, 13, 2545-2556.	3.9	62
176	MATERNAL EFFECTS INFLUENCE THE SEXUAL BEHAVIOR OF SONS AND DAUGHTERS IN THE ZEBRA FINCH. Evolution; International Journal of Organic Evolution, 2004, 58, 2574-2583.	2.3	68
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