Josephine M Pemberton

List of Publications by Year
in descending order

182 papers	17,254 citations	15504 65 h-index	16183 124 g-index
204 all docs	204 docs citations	204 times ranked	13266 citing authors

#	Article	IF	Citations
1	The association between female reproductive performance and leukocyte telomere length in wild Soay sheep. Molecular Ecology, 2022, 31, 6184-6196.	3.9	6
2	Genomic prediction in the wild: A case study in Soay sheep. Molecular Ecology, 2022, 31, 6541-6555.	3.9	14
3	Associations between MHC class II variation and phenotypic traits in a freeâ€living sheep population. Molecular Ecology, 2022, 31, 902-915.	3.9	2
4	Genomic analysis reveals a polygenic architecture of antler morphology in wild red deer (<i>Cervus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.9	10
5	Contemporary selection on MHC genes in a freeâ€living ruminant population. Ecology Letters, 2022, 25, 828-838.	6.4	6
6	Vitamin D status is heritable and under environmentâ€dependent selection in the wild. Molecular Ecology, 2022, 31, 4607-4621.	3.9	3
7	Functionally distinct T-helper cell phenotypes predict resistance to different types of parasites in a wild mammal. Scientific Reports, 2022, 12, 3197.	3.3	6
8	Using genomic prediction to detect microevolutionary change of a quantitative trait. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20220330.	2.6	8
9	Genetic variance in fitness indicates rapid contemporary adaptive evolution in wild animals. Science, 2022, 376, 1012-1016.	12.6	69
10	Sika in the British Isles: Population Ecology, Spread and Impacts of an Introduced Species. Structure and Function of Mountain Ecosystems in Japan, 2022, , 503-519.	0.5	1
11	Inbreeding depression and the probability of racing in the Thoroughbred horse. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, .	2.6	10
12	Sharing and reporting benefits from biodiversity research. Molecular Ecology, 2021, 30, 1103-1107.	3.9	19
13	Multiple spatial behaviours govern social network positions in a wild ungulate. Ecology Letters, 2021, 24, 676-686.	6.4	38
14	Within-trio tests provide little support for post-copulatory selection on major histocompatibility complex haplotypes in a free-living population. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202862.	2.6	3
15	Locusâ€specific introgression in young hybrid swarms: Drift may dominate selection. Molecular Ecology, 2021, 30, 2104-2115.	3.9	9
16	Fitness Costs of Parasites Explain Multiple Life-History Trade-Offs in a Wild Mammal. American Naturalist, 2021, 197, 324-335.	2.1	16
17	Heritable variation in telomere length predicts mortality in Soay sheep. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	29
18	Genetic architecture and lifetime dynamics of inbreeding depression in a wild mammal. Nature Communications, 2021, 12, 2972.	12.8	58

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19	Mutation load decreases with haplotype age in wild Soay sheep. Evolution Letters, 2021, 5, 187-195.	3.3	29
20	Patterns of MHCâ€dependent sexual selection in a freeâ€living population of sheep. Molecular Ecology, 2021, 30, 6733-6742.	3.9	4
21	MHC class IIa haplotypes derived by high-throughput SNP screening in an isolated sheep population. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	3
22	Integrated population models poorly estimate the demographic contribution of immigration. Methods in Ecology and Evolution, 2021, 12, 1899-1910.	5.2	13
23	The role of maternally transferred antibodies in maternal performance in red deer. Ecology Letters, 2021, 24, 2065-2076.	6.4	1
24	Admixture mapping reveals loci for carcass mass in red deer x sika hybrids in Kintyre, Scotland. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	1
25	Reproduction has different costs for immunity and parasitism in a wild mammal. Functional Ecology, 2020, 34, 229-239.	3.6	29
26	Increased genetic marker density reveals high levels of admixture between red deer and introduced Japanese sika in Kintyre, Scotland. Evolutionary Applications, 2020, 13, 432-441.	3.1	28
27	Fragmentation and Translocation Distort the Genetic Landscape of Ungulates: Red Deer in the Netherlands. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	15
28	The genetic architecture of maternal effects across ontogeny in the red deer. Evolution; International Journal of Organic Evolution, 2020, 74, 1378-1391.	2.3	13
29	Stable isotopes reveal the importance of seabirds and marine foods in the diet of St Kilda field mice. Scientific Reports, 2020, 10, 6088.	3.3	12
30	Fluctuating optimum and temporally variable selection on breeding date in birds and mammals. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31969-31978.	7.1	69
31	Maternally derived anti-helminth antibodies predict offspring survival in a wild mammal. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201931.	2.6	9
32	Variation in the prion protein gene (PRNP) sequence of wild deer in Great Britain and mainland Europe. Veterinary Research, 2019, 50, 59.	3.0	22
33	Consistent withinâ€individual plasticity is sufficient to explain temperature responses in red deer reproductive traits. Journal of Evolutionary Biology, 2019, 32, 1194-1206.	1.7	10
34	The genetic architecture of helminth-specific immune responses in a wild population of Soay sheep (Ovis aries). PLoS Genetics, 2019, 15, e1008461.	3.5	26
35	The role of selection and evolution in changing parturition date in a red deer population. PLoS Biology, 2019, 17, e3000493.	5.6	52
36	Senescence in immunity against helminth parasites predicts adult mortality in a wild mammal. Science, 2019, 365, 1296-1298.	12.6	55

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37	Cumulative weather effects can impact across the whole life cycle. Global Change Biology, 2019, 25, 3282-3293.	9.5	11
38	Survival costs of reproduction are mediated by parasite infection in wild Soay sheep. Ecology Letters, 2019, 22, 1203-1213.	6.4	30
39	RADâ€sequencing for estimating genomic relatedness matrixâ€based heritability in the wild: A case study in roe deer. Molecular Ecology Resources, 2019, 19, 1205-1217.	4.8	18
40	The Fine-Scale Landscape of Immunity and Parasitism in a Wild Ungulate Population. Integrative and Comparative Biology, 2019, 59, 1165-1175.	2.0	34
41	Maternal longevity and offspring sex in wild ungulates. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20181968.	2.6	6
42	Characterisation of major histocompatibility complex class IIa haplotypes in an island sheep population. Immunogenetics, 2019, 71, 383-393.	2.4	17
43	From population to individual host scale and back again: testing theories of infection and defence in the Soay sheep of St Kilda. , 2019, , 91-128.		1
44	Detecting the True Extent of Introgression during Anthropogenic Hybridization. Trends in Ecology and Evolution, 2019, 34, 315-326.	8.7	105
45	Quantification and decomposition of environment-selection relationships. Evolution; International Journal of Organic Evolution, 2018, 72, 851-866.	2.3	17
46	Declining home range area predicts reduced lateâ€life survival in two wild ungulate populations. Ecology Letters, 2018, 21, 1001-1009.	6.4	35
47	Introgression of exotic Cervus (nippon and canadensis) into red deer (Cervus) Tj ETQq1 1 0.784314 rgBT /Ov 2122-2134.	1.9	34
48	Between-population differences in the genetic and maternal components of body mass in roe deer. BMC Evolutionary Biology, 2018, 18, 39.	3.2	10
49	Seasonality of helminth infection in wild red deer varies between individuals and between parasite taxa. Parasitology, 2018, 145, 1410-1420.	1.5	33
50	Evidence for Selection-by-Environment but Not Genotype-by-Environment Interactions for Fitness-Related Traits in a Wild Mammal Population. Genetics, 2018, 208, 349-364.	2.9	27
51	Natural Selection on Antihelminth Antibodies in a Wild Mammal Population. American Naturalist, 2018, 192, 745-760.	2.1	25
52	Estimating selection on the act of inbreeding in a population with strong inbreeding depression. Journal of Evolutionary Biology, 2018, 31, 1815-1827.	1.7	5
53	A Genomic Region Containing REC8 and RNF212B Is Associated with Individual Recombination Rate Variation in a Wild Population of Red Deer (Cervus elaphus). G3: Genes, Genomes, Genetics, 2018, 8, 2265-2276.	1.8	36
54	Habitat impact assessment detects spatially driven patterns of grazing impacts in habitat mosaics but overestimates damage. Journal for Nature Conservation, 2018, 45, 20-29.	1.8	3

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55	Joint associations of blood plasma proteins with overwinter survival of a large mammal. Ecology Letters, 2017, 20, 175-183.	6.4	16
56	Accounting for female space sharing in St. Kilda Soay sheep (OvisÂaries) results in little change in heritability estimates. Journal of Evolutionary Biology, 2017, 30, 96-111.	1.7	21
57	A candidate gene approach to study nematode resistance traits in naturally infected sheep. Veterinary Parasitology, 2017, 243, 71-74.	1.8	7
58	Sex differences in leucocyte telomere length in a freeâ€living mammal. Molecular Ecology, 2017, 26, 3230-3240.	3.9	38
59	Inbreeding depression by environment interactions in a free-living mammal population. Heredity, 2017, 118, 64-77.	2.6	33
60	No evidence for parental age effects on offspring leukocyte telomere length in free-living Soay sheep. Scientific Reports, 2017, 7, 9991.	3.3	24
61	Physiological proteins in resource-limited herbivores experiencing a population die-off. Die Naturwissenschaften, 2017, 104, 68.	1.6	2
62	A High-Density Linkage Map Reveals Sexual Dimorphism in Recombination Landscapes in Red Deer (Cervus elaphus). G3: Genes, Genomes, Genetics, 2017, 7, 2859-2870.	1.8	57
63	Conserved Genetic Architecture Underlying Individual Recombination Rate Variation in a Wild Population of Soay Sheep (Ovis aries). Genetics, 2016, 203, 583-598.	2.9	144
64	Exposure to viral and bacterial pathogens among Soay sheep (Ovis aries) of the St Kilda archipelago. Epidemiology and Infection, 2016, 144, 1879-1888.	2.1	7
65	Marker-dependent associations among oxidative stress, growth and survival during early life in a wild mammal. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161407.	2.6	20
66	Cellular and humoral immunity in a wild mammal: Variation with age & sex and association with overwinter survival. Ecology and Evolution, 2016, 6, 8695-8705.	1.9	34
67	Relative costs of offspring sex and offspring survival in a polygynous mammal. Biology Letters, 2016, 12, 20160417.	2.3	31
68	Vitamin D status predicts reproductive fitness in a wild sheep population. Scientific Reports, 2016, 6, 18986.	3.3	18
69	Genomic analysis reveals depression due to both individual and maternal inbreeding in a freeâ€living mammal population. Molecular Ecology, 2016, 25, 3152-3168.	3.9	79
70	Phenological sensitivity to climate across taxa and trophic levels. Nature, 2016, 535, 241-245.	27.8	705
71	Sex differences in relationships between habitat use and reproductive performance in Soay sheep (Ovis aries). Ecology Letters, 2016, 19, 171-179.	6.4	15
72	Inbreeding depression across the lifespan in a wild mammal population. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3585-3590.	7.1	208

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73	Lifelong leukocyte telomere dynamics and survival in a free-living mammal. Aging Cell, 2016, 15, 140-148.	6.7	118
74	Osteoarthritis of the temporo-mandibular joint in free-living Soay sheep on St Kilda. Veterinary Journal, 2015, 203, 120-125.	1.7	9
75	Cortisol but not testosterone is repeatable and varies with reproductive effort in wild red deer stags. General and Comparative Endocrinology, 2015, 222, 62-68.	1.8	36
76	Landscape-scale vegetation patterns influence small-scale grazing impacts. Biological Conservation, 2015, 192, 218-225.	4.1	20
77	Heterogeneity of genetic architecture of body size traits in a freeâ€living population. Molecular Ecology, 2015, 24, 1810-1830.	3.9	72
78	Asynchrony of senescence among phenotypic traits in a wild mammal population. Experimental Gerontology, 2015, 71, 56-68.	2.8	92
79	Natural Selection on Individual Variation in Tolerance of Gastrointestinal Nematode Infection. PLoS Biology, 2014, 12, e1001917.	5.6	104
80	Heritable, Heterogeneous, and Costly Resistance of Sheep against Nematodes and Potential Feedbacks to Epidemiological Dynamics. American Naturalist, 2014, 184, S58-S76.	2.1	60
81	Variation in earlyâ€life testosterone within a wild population of red deer. Functional Ecology, 2014, 28, 1224-1234.	3.6	10
82	Heritability and cross-sex genetic correlations of early-life circulating testosterone levels in a wild mammal. Biology Letters, 2014, 10, 20140685.	2.3	17
83	Estimating quantitative genetic parameters in wild populations: a comparison of pedigree and genomic approaches. Molecular Ecology, 2014, 23, 3434-3451.	3.9	199
84	Multivariate immune defences and fitness in the wild: complex but ecologically important associations among plasma antibodies, health and survival. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132931.	2.6	57
85	A survey of the hybridisation status of Cervus deer species on the island of Ireland. Conservation Genetics, 2014, 15, 823-835.	1.5	30
86	Multiple pathways mediate the effects of climate change on maternal reproductive traits in a red deer population. Ecology, 2014, 95, 3124-3138.	3.2	31
87	Early life expenditure in sexual competition is associated with increased reproductive senescence in male red deer. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140792.	2.6	56
88	A Multivariate Analysis of Genetic Constraints to Life History Evolution in a Wild Population of Red Deer. Genetics, 2014, 198, 1735-1749.	2.9	37
89	Sex differences in the consequences of maternal loss in a long-lived mammal, the red deer (Cervus) Tj ETQq1 1 0.784314 rgBT /Overlo	1.4	57
90	Microsatellite variation in Rufous Hummingbirds (Selasphorus rufus) and evidence for a weakly structured population. Journal of Ornithology, 2013, 154, 1029-1037.	1.1	6

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91	Life history trade-offs at a single locus maintain sexually selected genetic variation. Nature, 2013, 502, 93-95.	27.8	296
92	Inbreeding avoidance, tolerance, or preference in animals?. Trends in Ecology and Evolution, 2013, 28, 205-211.	8.7	176
93	Detecting genes for variation in parasite burden and immunological traits in a wild population: testing the candidate gene approach. Molecular Ecology, 2013, 22, 757-773.	3.9	39
94	Reproductive senescence in female <scp>S</scp>oay sheep: variation across traits and contributions of individual ageing and selective disappearance. Functional Ecology, 2013, 27, 184-195.	3.6	82
95	Introgression and the fate of domesticated genes in a wild mammal population. Molecular Ecology, 2013, 22, 4210-4221.	3.9	53
96	The Impact of Past Introductions on an Iconic and Economically Important Species, the Red Deer of Scotland. Journal of Heredity, 2013, 104, 14-22.	2.4	15
97	Genetic Analysis of Life-History Constraint and Evolution in a Wild Ungulate Population. American Naturalist, 2012, 179, E97-E114.	2.1	52
98	Reâ€mating across years and intralineage polygyny are associated with greater than expected levels of inbreeding in wild red deer. Journal of Evolutionary Biology, 2012, 25, 2457-2469.	1.7	15
99	SHARED SPATIAL EFFECTS ON QUANTITATIVE GENETIC PARAMETERS: ACCOUNTING FOR SPATIAL AUTOCORRELATION AND HOME RANGE OVERLAP REDUCES ESTIMATES OF HERITABILITY IN WILD RED DEER. Evolution; International Journal of Organic Evolution, 2012, 66, 2411-2426.	2.3	69
100	THE PREDICTION OF ADAPTIVE EVOLUTION: EMPIRICAL APPLICATION OF THE SECONDARY THEOREM OF SELECTION AND COMPARISON TO THE BREEDERâ€™S EQUATION. Evolution; International Journal of Organic Evolution, 2012, 66, 2399-2410.	2.3	119
101	Natural selection on a measure of parasite resistance varies across ages and environmental conditions in a wild mammal. Journal of Evolutionary Biology, 2011, 24, 1664-1676.	1.7	44
102	Gestation length variation in a wild ungulate. Functional Ecology, 2011, 25, 691-703.	3.6	37
103	Advancing breeding phenology in response to environmental change in a wild red deer population. Global Change Biology, 2011, 17, 2455-2469.	9.5	132
104	Digital gene expression analysis of gastrointestinal helminth resistance in Scottish blackface lambs. Molecular Ecology, 2011, 20, 910-919.	3.9	29
105	Genomeâ€wide association mapping identifies the genetic basis of discrete and quantitative variation in sexual weaponry in a wild sheep population. Molecular Ecology, 2011, 20, 2555-2566.	3.9	217
106	VARIANCES AND COVARIANCES OF PHENOLOGICAL TRAITS IN A WILD MAMMAL POPULATION. Evolution; International Journal of Organic Evolution, 2011, 65, 788-801.	2.3	16
107	Patterns of body mass senescence and selective disappearance differ among three species of free-living ungulates. Ecology, 2011, 92, 1936-1947.	3.2	124
108	Inbreeding depression in red deer calves. BMC Evolutionary Biology, 2011, 11, 318.	3.2	69

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109	Investigating temporal changes in hybridization and introgression in a predominantly bimodal hybridizing population of invasive sika (Cervus nippon) and native red deer (C. elaphus) on the Kintyre Peninsula, Scotland. Molecular Ecology, 2010, 19, 910-924.	3.9	25
110	Comparing parentage inference software: reanalysis of a red deer pedigree. Molecular Ecology, 2010, 19, 1914-1928.	3.9	98
111	Phenotypic correlates of hybridisation between red and sika deer (genus Cervus). Journal of Animal Ecology, 2010, 79, 414-425.	2.8	34
112	Evolution of quantitative traits in the wild: mind the ecology. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 2431-2438.	4.0	48
113	Fitness Correlates of Heritable Variation in Antibody Responsiveness in a Wild Mammal. Science, 2010, 330, 662-665.	12.6	182
114	Interâ€•and Intrasexual Variation in Aging Patterns across Reproductive Traits in a Wild Red Deer Population. American Naturalist, 2009, 174, 342-357.	2.1	156
115	The Impact of Environmental Heterogeneity on Genetic Architecture in a Wild Population of Soay Sheep. Genetics, 2009, 181, 1639-1648.	2.9	58
116	Ageing in a variable habitat: environmental stress affects senescence in parasite resistance in St Kilda Soay sheep. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 3477-3485.	2.6	77
117	Life history correlates of oxidative damage in a freeâ€living mammal population. Functional Ecology, 2009, 23, 809-817.	3.6	169
118	Trading offspring size for number in a variable environment: selection on reproductive investment in female Soay sheep. Journal of Animal Ecology, 2009, 78, 354-364.	2.8	52
119	Variable extent of hybridization between invasive sika (Cervus nippon) and native red deer (C.) Tj ETQq1 1 0.784314 rgBT /Ov	3.9	108
120	Genetic diversity and population structure of Scottish Highland red deer (Cervus elaphus) populations: a mitochondrial survey. Heredity, 2009, 102, 199-210.	2.6	36
121	Re-establishment of nematode infra-community and host survivorship in wild Soay sheep following anthelmintic treatment. Veterinary Parasitology, 2009, 161, 47-52.	1.8	17
122	The Dynamics of Phenotypic Change and the Shrinking Sheep of St. Kilda. Science, 2009, 325, 464-467.	12.6	271
123	Red and sika deer in the British Isles, current management issues and management policy. Mammalian Biology, 2009, 74, 247-262.	1.5	45
124	Landscape features affect gene flow of Scottish Highland red deer (Cervus elaphus). Molecular Ecology, 2008, 17, 981-996.	3.9	182
125	Environmental Heterogeneity Generates Fluctuating Selection on a Secondary Sexual Trait. Current Biology, 2008, 18, 751-757.	3.9	99
126	Wild pedigrees: the way forward. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 613-621.	2.6	308

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127	The Evolutionary Demography of Ecological Change: Linking Trait Variation and Population Growth. Science, 2007, 315, 1571-1574.	12.6	196
128	No evidence for inbreeding avoidance in a great reed warbler population. Behavioral Ecology, 2007, 18, 157-164.	2.2	59
129	Compelling evidence that a single nucleotide substitution in TYRP1 is responsible for coat-colour polymorphism in a free-living population of Soay sheep. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 619-626.	2.6	116
130	Sexually antagonistic genetic variation for fitness in red deer. Nature, 2007, 447, 1107-1110.	27.8	336
131	A framework for power and sensitivity analyses for quantitative genetic studies of natural populations, and case studies in Soay sheep (Ovis aries). Journal of Evolutionary Biology, 2007, 20, 2309-2321.	1.7	62
132	Quantitative trait loci (QTL) mapping of resistance to strongyles and coccidia in the free-living Soay sheep (Ovis aries). International Journal for Parasitology, 2007, 37, 121-129.	3.1	87
133	Quantitative genetics of growth and cryptic evolution of body size in an island population. Evolutionary Ecology, 2007, 21, 337-356.	1.2	91
134	Gastrointestinal nematode species burdens and host mortality in a feral sheep population. Parasitology, 2006, 133, 485-496.	1.5	71
135	LIVE FAST, DIE YOUNG: TRADE-OFFS BETWEEN FITNESS COMPONENTS AND SEXUALLY ANTAGONISTIC SELECTION ON WEAPONRY IN SOAY SHEEP. Evolution; International Journal of Organic Evolution, 2006, 60, 2168-2181.	2.3	114
136	Performance of Marker-Based Relatedness Estimators in Natural Populations of Outbred Vertebrates. Genetics, 2006, 173, 2091-2101.	2.9	250
137	Environmental Coupling of Selection and Heritability Limits Evolution. PLoS Biology, 2006, 4, e216.	5.6	217
138	Heterozygosity, inbreeding and neonatal traits in Soay sheep on St Kilda. Molecular Ecology, 2005, 14, 3383-3393.	3.9	61
139	Predictors of reproductive cost in female Soay sheep. Journal of Animal Ecology, 2005, 74, 201-213.	2.8	139
140	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
141	Male mate choice influences female promiscuity in Soay sheep. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 365-373.	2.6	67
142	Constraints on plastic responses to climate variation in red deer. Biology Letters, 2005, 1, 457-460.	2.3	41
143	THE DEMOGRAPHIC CONSEQUENCES OF RELEASING A POPULATION OF RED DEER FROM CULLING. Ecology, 2004, 85, 411-422.	3.2	134
144	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

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145	Measuring inbreeding depression in the wild: the old ways are the best. Trends in Ecology and Evolution, 2004, 19, 613-615.	8.7	200
146	ESTIMATING SELECTION ON NEONATAL TRAITS IN RED DEER USING ELASTICITY PATH ANALYSIS. Evolution; International Journal of Organic Evolution, 2003, 57, 2879-2892.	2.3	120
147	Overt and covert competition in a promiscuous mammal: the importance of weaponry and testes size to male reproductive success. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 633-640.	2.6	278
148	The sheep of St Kilda. , 2003, , 17-51.		8
149	Population dynamics in Soay sheep. , 2003, , 52-88.		8
150	Mating patterns and male breeding success. , 2003, , 166-189.		2
151	ANTLER SIZE IN RED DEER: HERITABILITY AND SELECTION BUT NO EVOLUTION. Evolution; International Journal of Organic Evolution, 2002, 56, 1683.	2.3	49
152	The use of marker-based relationship information to estimate the heritability of body weight in a natural population: a cautionary tale. Journal of Evolutionary Biology, 2002, 15, 92-99.	1.7	66
153	Comparing molecular measures for detecting inbreeding depression. Journal of Evolutionary Biology, 2002, 15, 20-31.	1.7	160
154	ANTLER SIZE IN RED DEER: HERITABILITY AND SELECTION BUT NO EVOLUTION. Evolution; International Journal of Organic Evolution, 2002, 56, 1683-1695.	2.3	445
155	Age, Sex, Density, Winter Weather, and Population Crashes in Soay Sheep. Science, 2001, 292, 1528-1531.	12.6	820
156	A microsatellite polymorphism in the gamma interferon gene is associated with resistance to gastrointestinal nematodes in a naturally-parasitized population of Soay sheep. Parasitology, 2001, 122, 571-582.	1.5	431
157	A panel of microsatellites developed for meerkats (Suricata suricatta) by cross-species amplification and species-specific cloning. Molecular Ecology Notes, 2001, 1, 83-85.	1.7	16
158	Bottlenecks, drift and differentiation: the population structure and demographic history of sika deer (Cervus nippon) in the Japanese archipelago. Molecular Ecology, 2001, 10, 1357-1370.	3.9	127
159	POSITIVE GENETIC CORRELATION BETWEEN PARASITE RESISTANCE AND BODY SIZE IN A FREE-LIVING UNGULATE POPULATION. Evolution; International Journal of Organic Evolution, 2001, 55, 2116-2125.	2.3	143
160	Dominant rams lose out by sperm depletion. Nature, 2001, 409, 681-682.	27.8	342
161	A retrospective assessment of the accuracy of the paternity inference program cervus. Molecular Ecology, 2000, 9, 801-808.	3.9	282
162	Heritability of fitness in a wild mammal population. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 698-703.	7.1	443

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163	Temporal changes in key factors and key age groups influencing the population dynamics of female red deer. Journal of Animal Ecology, 2000, 69, 1099-1110.	2.8	21
164	Heritable variation in resistance to gastro-intestinal nematodes in an unmanaged mammal population. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 1283-1290.	2.6	71
165	Repeated selection of morphometric traits in the Soay sheep on St Kilda. Journal of Animal Ecology, 1999, 68, 472-488.	2.8	134
166	Molecular analysis of a promiscuous, fluctuating mating system. Biological Journal of the Linnean Society, 1999, 68, 289-301.	1.6	67
167	Population density affects sex ratio variation in red deer. Nature, 1999, 399, 459-461.	27.8	343
168	Use of genetic data for conservation management: the case of the Arabian oryx. Animal Conservation, 1999, 2, 269-278.	2.9	41
169	PARASITE-MEDIATED SELECTION AGAINST INBRED SOAY SHEEP IN A FREE-LIVING ISLAND POPULATON. Evolution; International Journal of Organic Evolution, 1999, 53, 1259-1267.	2.3	466
170	Molecular analysis of a promiscuous, fluctuating mating system. Biological Journal of the Linnean Society, 1999, 68, 289-301.	1.6	17
171	Introgression Through Rare Hybridization: A Genetic Study of a Hybrid Zone Between Red and Sika Deer (Genus Cervus) in Argyll, Scotland. Genetics, 1999, 152, 355-371.	2.9	210
172	Noise and determinism in synchronized sheep dynamics. Nature, 1998, 394, 674-677.	27.8	498
173	Bovine microsatellite loci are highly conserved in red deer (Cervus elaphus), sika deer (Cervus nippon) Tj ETQq1 1 0.784314 rgBT /Ov	1.7	130
174	Microsatellites reveal heterosis in red deer. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 489-495.	2.6	351
175	Major histocompatibility complex variation associated with juvenile survival and parasite resistance in a large unmanaged ungulate population (Ovis aries L.). Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 3714-3719.	7.1	408
176	No evidence for major histocompatibility complexâ€“dependent mating patterns in a freeâ€“living ruminant population. Proceedings of the Royal Society B: Biological Sciences, 1997, 264, 1813-1819.	2.6	123
177	Density-dependent selection in a fluctuating ungulate population. Proceedings of the Royal Society B: Biological Sciences, 1996, 263, 31-38.	2.6	75
178	The maintenance of genetic polymorphism in small island populations: large mammals in the Hebrides. Philosophical Transactions of the Royal Society B: Biological Sciences, 1996, 351, 745-752.	4.0	65
179	Nonamplifying alleles at microsatellite loci: a caution for parentage and population studies. Molecular Ecology, 1995, 4, 249-252.	3.9	684
180	Parasite-associated polymorphism in a cyclic ungulate population. Proceedings of the Royal Society B: Biological Sciences, 1993, 254, 7-13.	2.6	117

#	Article	IF	Citations
181	Linking genetic merit to sparse behavioral data: behavior and genetic effects on lamb growth in Soay sheep. Behavioral Ecology, 0, , .	2.2	1
182	The genome sequence of the red deer, Cervus elaphus Linnaeus 1758. Wellcome Open Research, 0, 6, 336.	1.8	7