

Marco Festa-Bianchet

List of Publications by Year in descending order

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Version: 2024-02-01

262
papers

21,093
citations

10373

72
h-index

11601

135
g-index

270
all docs

270
docs citations

270
times ranked

12255
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal Variation in Fitness Components and Population Dynamics of Large Herbivores. Annual Review of Ecology, Evolution, and Systematics, 2000, 31, 367-393.	6.7	1,402
2	The Status of the World's Land and Marine Mammals: Diversity, Threat, and Knowledge. Science, 2008, 322, 225-230.	6.0	1,215
3	Population dynamics of large herbivores: variable recruitment with constant adult survival. Trends in Ecology and Evolution, 1998, 13, 58-63.	4.2	1,102
4	Undesirable evolutionary consequences of trophy hunting. Nature, 2003, 426, 655-658.	13.7	666
5	Consistency of temperament in bighorn ewes and correlates with behaviour and life history. Animal Behaviour, 2000, 60, 589-597.	0.8	389
6	AGE-SPECIFIC SURVIVAL IN FIVE POPULATIONS OF UNGULATES: EVIDENCE OF SENESCENCE. Ecology, 1999, 80, 2539-2554.	1.5	378
7	Measuring senescence in wild animal populations: towards a longitudinal approach. Functional Ecology, 2008, 22, 393-406.	1.7	357
8	Mass- and Density-Dependent Reproductive Success and Reproductive Costs in a Capital Breeder. American Naturalist, 1998, 152, 367-379.	1.0	330
9	REVIEW: The management of wild large herbivores to meet economic, conservation and environmental objectives. Journal of Applied Ecology, 2004, 41, 1021-1031.	1.9	328
10	Conservation of caribou (<i>Rangifer tarandus</i>) in Canada: an uncertain future ¹ This review is part of the virtual symposium "Flagship Species" "Flagship Problems" that deals with ecology, biodiversity and management issues, and climate impacts on species at risk and of Canadian importance, including the polar bear (<i>Ursus maritimus</i>), Atlantic cod (<i>Gadus morhua</i>), Piping Plover (<i>Charadrius melodus</i>), and caribou (<i>Rangifer tarandus</i>). Canadian Journal of Zoology, 2011, 89, 419-434.	0.4	326
11	Senescence rates are determined by ranking on the fast-slow life history continuum. Ecology Letters, 2008, 11, 664-673.	3.0	317
12	Predator-induced natural selection on temperament in bighorn ewes. Animal Behaviour, 2003, 65, 463-470.	0.8	310
13	Chapter 5 Empirical Evidence of Density-Dependence in Populations of Large Herbivores. Advances in Ecological Research, 2009, 41, 313-357.	1.4	285
14	Age-dependent sexual selection in bighorn rams. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 165-172.	1.2	276
15	Seasonal range selection in bighorn sheep: conflicts between forage quality, forage quantity, and predator avoidance. Oecologia, 1988, 75, 580-586.	0.9	269
16	EARLY ONSET OF VEGETATION GROWTH VS. RAPID GREEN-UP: IMPACTS ON JUVENILE MOUNTAIN UNGULATES. Ecology, 2007, 88, 381-390.	1.5	248
17	EFFECTS OF AGE, SEX, DISEASE, AND DENSITY ON SURVIVAL OF BIGHORN SHEEP. Ecology, 1997, 78, 1019-1032.	1.5	231
18	Body mass and individual fitness in female ungulates: bigger is not always better. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 471-477.	1.2	230

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19	The social system of bighorn sheep: grouping patterns, kinship and female dominance rank. <i>Animal Behaviour</i> , 1991, 42, 71-82.	0.8	219
20	Birthdate, mass and survival in mountain goat kids: effects of maternal characteristics and forage quality. <i>Oecologia</i> , 2001, 127, 230-238.	0.9	217
21	Individual Differences, Parasites, and the Costs of Reproduction for Bighorn Ewes (<i>Ovis canadensis</i>). <i>Journal of Animal Ecology</i> , 1989, 58, 785.	1.3	216
22	Individual variation in reproductive costs of reproduction: high-quality females always do better. <i>Journal of Animal Ecology</i> , 2009, 78, 143-151.	1.3	213
23	Selfish mothers: reproductive expenditure and resource availability in bighorn ewes. <i>Behavioral Ecology</i> , 1998, 9, 144-150.	1.0	193
24	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
25	INDIVIDUAL DIFFERENCES, LONGEVITY, AND REPRODUCTIVE SENESENCE IN BIGHORN EWES. <i>Ecology</i> , 1999, 80, 2555-2565.	1.5	188
26	Effects of density and weather on survival of bighorn sheep lambs (<i>Ovis canadensis</i>). <i>Journal of Zoology</i> , 1998, 245, 271-278.	0.8	177
27	Spring Normalized Difference Vegetation Index (NDVI) predicts annual variation in timing of peak faecal crude protein in mountain ungulates. <i>Journal of Applied Ecology</i> , 2009, 46, 582-589.	1.9	175
28	Birthdate and survival in bighorn lambs (<i>Ovis canadensis</i>). <i>Journal of Zoology</i> , 1988, 214, 653-661.	0.8	167
29	Variable age structure and apparent density dependence in survival of adult ungulates. <i>Journal of Animal Ecology</i> , 2003, 72, 640-649.	1.3	166
30	Reproductive success in female mountain goats: the influence of age and social rank. <i>Animal Behaviour</i> , 2001, 62, 173-181.	0.8	161
31	Species inflation and taxonomic artefacts—A critical comment on recent trends in mammalian classification. <i>Mammalian Biology</i> , 2013, 78, 1-6.	0.8	161
32	Effects of body size, population density, and maternal characteristics on age at first reproduction in bighorn ewes. <i>Canadian Journal of Zoology</i> , 1993, 71, 2509-2517.	0.4	159
33	Decomposing the variation in population growth into contributions from multiple demographic rates. <i>Journal of Animal Ecology</i> , 2005, 74, 789-801.	1.3	158
34	Don't forget to look down—collaborative approaches to predator conservation. <i>Biological Reviews</i> , 2017, 92, 2157-2163.	4.7	157
35	CLIMATE FORCING AND DENSITY DEPENDENCE IN A MOUNTAIN UNGULATE POPULATION. <i>Ecology</i> , 2004, 85, 1598-1610.	1.5	155
36	Body mass and survival of bighorn sheep. <i>Canadian Journal of Zoology</i> , 1997, 75, 1372-1379.	0.4	153

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37	How Life History Influences Population Dynamics in Fluctuating Environments. <i>American Naturalist</i> , 2013, 182, 743-759.	1.0	152
38	Correlates of copulatory success in a fallow deer lek. <i>Behavioral Ecology and Sociobiology</i> , 1989, 25, 89-97.	0.6	151
39	Early development, adult mass, and reproductive success in bighorn sheep. <i>Behavioral Ecology</i> , 2000, 11, 633-639.	1.0	151
40	Stochastic predation events and population persistence in bighorn sheep. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1537-1543.	1.2	149
41	The development of sexual dimorphism: seasonal and lifetime mass changes in bighorn sheep. <i>Canadian Journal of Zoology</i> , 1996, 74, 330-342.	0.4	141
42	Life History Consequences of Variation in Age of Primiparity in Bighorn Ewes. <i>Ecology</i> , 1995, 76, 871-881.	1.5	140
43	Individual quality, early life conditions, and reproductive success in contrasted populations of large herbivores. <i>Ecology</i> , 2009, 90, 1981-1995.	1.5	140
44	Nursing behaviour of bighorn sheep: correlates of ewe age, parasitism, lamb age, birthdate and sex. <i>Animal Behaviour</i> , 1988, 36, 1445-1454.	0.8	137
45	SELECTION AND GENETIC (CO)VARIANCE IN BIGHORN SHEEP. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1372-1382.	1.1	135
46	Reproductive costs of sons and daughters in Rocky Mountain bighorn sheep. <i>Behavioral Ecology</i> , 1996, 7, 60-68.	1.0	133
47	Relative allocation to horn and body growth in bighorn rams varies with resource availability. <i>Behavioral Ecology</i> , 2004, 15, 305-312.	1.0	128
48	Sexual selection and social rank in bighorn rams. <i>Animal Behaviour</i> , 2006, 71, 649-655.	0.8	128
49	Intense selective hunting leads to artificial evolution in horn size. <i>Evolutionary Applications</i> , 2016, 9, 521-530.	1.5	127
50	Heritability of body mass varies with age and season in wild bighorn sheep. <i>Heredity</i> , 1999, 83, 526-532.	1.2	126
51	Temperature constraints on foraging behaviour of male Alpine ibex (<i>Capra ibex</i>) in summer. <i>Oecologia</i> , 2009, 159, 237-247.	0.9	124
52	Patterns of body mass senescence and selective disappearance differ among three species of free-living ungulates. <i>Ecology</i> , 2011, 92, 1936-1947.	1.5	124
53	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
54	Offspring sex ratio studies of mammals: Does publication depend upon the quality of the research or the direction of the results?. <i>Ecoscience</i> , 1996, 3, 42-44.	0.6	109

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55	Cougar predation on bighorn sheep in southwestern Alberta during winter. <i>Canadian Journal of Zoology</i> , 1997, 75, 771-775.	0.4	106
56	Vigilance as a measure of fear in dairy cattle. <i>Applied Animal Behaviour Science</i> , 2004, 87, 1-13.	0.8	102
57	Evolutionary rescue in vertebrates: evidence, applications and uncertainty. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120090.	1.8	99
58	Archiving Primary Data: Solutions for Long-Term Studies. <i>Trends in Ecology and Evolution</i> , 2015, 30, 581-589.	4.2	98
59	Social dominance in adult female mountain goats. <i>Animal Behaviour</i> , 1995, 49, 1449-1459.	0.8	97
60	Harvest-induced evolution: insights from aquatic and terrestrial systems. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160036.	1.8	95
61	Life-History Effects of Chemical Immobilization and Radiocollars on Mountain Goats. <i>Journal of Wildlife Management</i> , 1998, 62, 745.	0.7	94
62	Maternal care in white-tailed deer: trade-off between maintenance and reproduction under food restriction. <i>Animal Behaviour</i> , 2008, 75, 235-243.	0.8	94
63	Maternal characteristics and environment affect the costs of reproduction in female mountain goats. <i>Ecology</i> , 2010, 91, 2034-2043.	1.5	92
64	Seasonal Dispersion of Overlapping Mountain Sheep Ewe Groups. <i>Journal of Wildlife Management</i> , 1986, 50, 325.	0.7	90
65	To lek or not to lek: mating strategies of male fallow deer. <i>Behavioral Ecology</i> , 1992, 3, 25-31.	1.0	84
66	SELECTION ON HERITABLE SEASONAL PHENOTYPIC PLASTICITY OF BODY MASS. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 1969-1979.	1.1	84
67	Estimating genome-wide heterozygosity: effects of demographic history and marker type. <i>Heredity</i> , 2014, 112, 240-247.	1.2	84
68	Bite rates in Rocky Mountain bighorn sheep (<i>Ovis canadensis</i>): effects of season, age, sex and reproductive status. <i>Behavioral Ecology and Sociobiology</i> , 2003, 54, 167-173.	0.6	80
69	Sex- and age-specific survival of the highly dimorphic Alpine ibex: evidence for a conservative life-history tactic. <i>Journal of Animal Ecology</i> , 2007, 76, 679-686.	1.3	80
70	Determinants of lifetime reproduction in female brown bears: early body mass, longevity, and hunting regulations. <i>Ecology</i> , 2013, 94, 231-240.	1.5	79
71	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
72	Age-Specific Reproduction of Bighorn Ewes in Alberta, Canada. <i>Journal of Mammalogy</i> , 1988, 69, 157-160.	0.6	77

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73	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
74	Biases in Legal Listing under Canadian Endangered Species Legislation. <i>Conservation Biology</i> , 2007, 21, 572-575.	2.4	74
75	Never too late? Consequences of late birthdate for mass and survival of bighorn lambs. <i>Oecologia</i> , 2008, 156, 773-781.	0.9	71
76	Fluctuating optimum and temporally variable selection on breeding date in birds and mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31969-31978.	3.3	69
77	Genetic variance in fitness indicates rapid contemporary adaptive evolution in wild animals. <i>Science</i> , 2022, 376, 1012-1016.	6.0	69
78	Bighorn Ewes Transfer the Costs of Reproduction to Their Lambs. <i>American Naturalist</i> , 2010, 176, 414-423.	1.0	68
79	Sexual size dimorphism in bighorn sheep (<i>Ovis canadensis</i>): effects of population density. <i>Canadian Journal of Zoology</i> , 2001, 79, 1661-1670.	0.4	67
80	Offspring sex ratio in relation to maternal age and social rank in mountain goats (<i>Oreamnos</i>). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462</i>	0.6	67
81	Individual Differences, Longevity, and Reproductive Senescence in Bighorn Ewes. <i>Ecology</i> , 1999, 80, 2555.	1.5	66
82	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
83	Site fidelity and seasonal range use by bighorn rams. <i>Canadian Journal of Zoology</i> , 1986, 64, 2126-2132.	0.4	65
84	Sexual size dimorphism in bighorn sheep (<i>Ovis canadensis</i>): effects of population density. <i>Canadian Journal of Zoology</i> , 2001, 79, 1661-1670.	0.4	62
85	Harvesting Bighorn Ewes: Consequences for Population Size and Trophy Ram Production. <i>Journal of Wildlife Management</i> , 1993, 57, 429.	0.7	61
86	Secondary sexual characters signal fighting ability and determine social rank in Alpine ibex (<i>Capra</i>). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 61</i>	0.6	61
87	Fecal testosterone in bighorn sheep (<i>Ovis canadensis</i>): behavioural and endocrine correlates. <i>Canadian Journal of Zoology</i> , 2003, 81, 1678-1684.	0.4	60
88	Conservative maternal care in an iteroparous mammal: a resource allocation experiment. <i>Behavioral Ecology and Sociobiology</i> , 2007, 62, 193-199.	0.6	59
89	Shifting targets in the tundra: Protection of migratory caribou calving grounds must account for spatial changes over time. <i>Biological Conservation</i> , 2012, 147, 163-173.	1.9	59
90	Territoriality in adult female Columbian ground squirrels. <i>Canadian Journal of Zoology</i> , 1982, 60, 1060-1066.	0.4	57

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91	Site-specific asymmetries in male copulatory success in a fallow deer lek. <i>Animal Behaviour</i> , 1990, 39, 205-212.	0.8	57
92	Age-independent and age-dependent decreases in reproduction of females. <i>Ecology Letters</i> , 2011, 14, 576-581.	3.0	57
93	Determinants of reproductive success in female Columbian ground squirrels. <i>Oecologia</i> , 1991, 86, 528-534.	0.9	55
94	Effects of Population Density on Horn Development in Bighorn Rams. <i>Journal of Wildlife Management</i> , 1998, 62, 1011.	0.7	55
95	Early weaning in bighorn sheep, <i>Ovis canadensis</i> affects growth of males but not of females. <i>Behavioral Ecology</i> , 1994, 5, 21-27.	1.0	53
96	Fecal counts of lungworm larvae and reproductive effort in bighorn sheep, <i>Ovis canadensis</i> . <i>Oikos</i> , 2005, 110, 473-480.	1.2	53
97	Decrease in horn size and increase in age of trophy sheep in Alberta over 37 years. <i>Journal of Wildlife Management</i> , 2014, 78, 133-141.	0.7	53
98	Determinants and life-history consequences of social dominance in bighorn ewes. <i>Animal Behaviour</i> , 2008, 76, 1373-1380.	0.8	52
99	Heterogeneity in male horn growth and longevity in a highly sexually dimorphic ungulate. <i>Oikos</i> , 2008, 117, 77-82.	1.2	52
100	Aggression among Lekking Male Fallow Deer (<i>Dama dama</i>): Territory Effects and Relationship with Copulatory Success. <i>Ethology</i> , 1990, 85, 236-246.	0.5	52
101	Mountain goat recruitment: kid production and survival to breeding age. <i>Canadian Journal of Zoology</i> , 1994, 72, 22-27.	0.4	51
102	Horn Growth in Mountain Goats (<i>Oreamnos americanus</i>). <i>Journal of Mammalogy</i> , 1998, 79, 406-414.	0.6	50
103	Behavior and dispersal of yearling Columbian ground squirrels. <i>Canadian Journal of Zoology</i> , 1984, 62, 161-167.	0.4	49
104	A capture technique for free-ranging eastern grey kangaroos (<i>Macropus giganteus</i>) habituated to humans. <i>Australian Mammalogy</i> , 2011, 33, 47.	0.7	49
105	Effects of body mass, age, dominance and parasite load on foraging time of bighorn rams, <i>Ovis canadensis</i> . <i>Behavioral Ecology and Sociobiology</i> , 2004, 56, 546-551.	0.6	48
106	Male mating effort in a polygynous ungulate. <i>Behavioral Ecology and Sociobiology</i> , 2006, 60, 645-654.	0.6	47
107	The cost of trying: weak interspecific correlations among life-history components in male ungulates. <i>Canadian Journal of Zoology</i> , 2012, 90, 1072-1085.	0.4	47
108	Applying evolutionary concepts to wildlife disease ecology and management. <i>Evolutionary Applications</i> , 2014, 7, 856-868.	1.5	47

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109	When does selective hunting select, how can we tell, and what should we do about it?. <i>Mammal Review</i> , 2017, 47, 76-81.	2.2	47
110	Numbers of lungworm larvae in feces of bighorn sheep: yearly changes, influence of host sex, and effects on host survival. <i>Canadian Journal of Zoology</i> , 1991, 69, 547-554.	0.4	46
111	Using reproductive value to estimate key parameters in density-independent age-structured populations. <i>Journal of Theoretical Biology</i> , 2007, 244, 308-317.	0.8	46
112	Compensatory Growth Limits Opportunities for Artificial Selection in Alpine Chamois. <i>Journal of Wildlife Management</i> , 2010, 74, 1024-1029.	0.7	46
113	Survival of Male Bighorn Sheep in Southwestern Alberta. <i>Journal of Wildlife Management</i> , 1989, 53, 259.	0.7	45
114	Population Dynamics and Harvest Potential of Mountain Goat Herds in Alberta. <i>Journal of Wildlife Management</i> , 2006, 70, 1044-1053.	0.7	45
115	Long-term fitness consequences of early environment in a long-lived ungulate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170222.	1.2	45
116	Long-term studies of bighorn sheep and mountain goats reveal fitness costs of reproduction. <i>Journal of Animal Ecology</i> , 2019, 88, 1118-1133.	1.3	45
117	Changes in horn size of Stone's sheep over four decades correlate with trophy hunting pressure. <i>Ecological Applications</i> , 2016, 26, 309-321.	1.8	44
118	Group Choice by Subadult Bighorn Rams: Trade-offs between Foraging Efficiency and Predator Avoidance. <i>Ethology</i> , 2001, 107, 161-172.	0.5	43
119	A Test of Long-Term Fecal Nitrogen Monitoring to Evaluate Nutritional Status in Bighorn Sheep. <i>Journal of Wildlife Management</i> , 2003, 67, 477.	0.7	43
120	No inbreeding avoidance in an isolated population of bighorn sheep. <i>Animal Behaviour</i> , 2010, 80, 865-871.	0.8	43
121	Quantitative genetics of life-history traits in a long-lived wild mammal. <i>Heredity</i> , 2000, 85, 593-603.	1.2	42
122	Dynamics of a small population of endangered huemul deer (<i>Hippocamelus bisulcus</i>) in Chilean Patagonia. <i>Journal of Mammalogy</i> , 2010, 91, 690-697.	0.6	42
123	Cohort variation in individual body mass dissipates with age in large herbivores. <i>Ecological Monographs</i> , 2016, 86, 517-543.	2.4	42
124	Successes and challenges of long-term field studies of marked ungulates. <i>Journal of Mammalogy</i> , 2017, 98, 612-620.	0.6	42
125	Do Reproductive Status and Lamb Gender Affect the Foraging Behavior of Bighorn Ewes?. <i>Ethology</i> , 1998, 104, 941-954.	0.5	41
126	Predator-driven component Allee effects in a wild ungulate. <i>Ecology Letters</i> , 2011, 14, 358-363.	3.0	40

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127	Seasonal changes in sexual size dimorphism in northern chamois. <i>Journal of Zoology</i> , 2011, 284, 257-264.	0.8	40
128	Offspring sex, current and previous reproduction affect feeding behaviour in wild eastern grey kangaroos. <i>Animal Behaviour</i> , 2013, 86, 885-891.	0.8	40
129	Effect of chemical immobilization on social status of bighorn rams. <i>Animal Behaviour</i> , 2004, 67, 1163-1165.	0.8	38
130	Environmental and evolutionary effects on horn growth of male bighorn sheep. <i>Oikos</i> , 2017, 126, 1031-1041.	1.2	38
131	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
132	Harvest regulations and artificial selection on horn size in male bighorn sheep. <i>Journal of Wildlife Management</i> , 2011, 75, 189-197.	0.7	36
133	Density-dependent mother-yearling association in bighorn sheep. <i>Animal Behaviour</i> , 1995, 49, 901-910.	0.8	35
134	Differences in the thermal conductance of tropical and temperate bovid horns. <i>Ecoscience</i> , 1999, 6, 148-158.	0.6	35
135	Data from selective harvests underestimate temporal trends in quantitative traits. <i>Biology Letters</i> , 2012, 8, 878-881.	1.0	35
136	Social integration and acclimation of translocated bighorn sheep (<i>Ovis canadensis</i>). <i>Biological Conservation</i> , 2018, 218, 1-9.	1.9	35
137	Can ground counts reliably monitor ibex <i>Capra ibex</i> populations. <i>Wildlife Biology</i> , 2008, 14, 489-499.	0.6	34
138	Reduced horn size in two wild trophy-hunted species of Caprinae. <i>Wildlife Biology</i> , 2011, 17, 102-112.	0.6	34
139	Selection and genetic (co)variance in bighorn sheep. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1372-82.	1.1	34
140	Maternal effects on post-weaning physical and social development in juvenile mountain goats (<i>Oreamnos americanus</i>). <i>Behavioral Ecology and Sociobiology</i> , 2005, 58, 237-246.	0.6	33
141	Genetic decline, restoration and rescue of an isolated ungulate population. <i>Evolutionary Applications</i> , 2019, 12, 1318-1328.	1.5	33
142	Reproduction in yearling female Columbian ground squirrels (<i>Spermophilus columbianus</i>). <i>Canadian Journal of Zoology</i> , 1981, 59, 1032-1035.	0.4	32
143	Effects of spring-summer temperature on body mass of chamois. <i>Journal of Mammalogy</i> , 2012, 93, 1301-1307.	0.6	32
144	Despite Catch-Up, Prolonged Growth Has Detrimental Fitness Consequences in a Long-Lived Vertebrate. <i>American Naturalist</i> , 2013, 182, 775-785.	1.0	32

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145	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
146	Determinants and consequences of age of primiparity in bighorn ewes. <i>Oikos</i> , 2012, 121, 752-760.	1.2	31
147	Hunting and evolution: theory, evidence, and unknowns. <i>Journal of Mammalogy</i> , 2018, 99, 1281-1292.	0.6	31
148	IMMOBILIZATION OF MOUNTAIN GOATS WITH XYLAZINE AND REVERSAL WITH IDAZOXAN. <i>Journal of Wildlife Diseases</i> , 1998, 34, 342-347.	0.3	30
149	Maternal age is not a predominant determinant of progeny sex ratio variation in ungulates. <i>Oikos</i> , 2002, 98, 334-339.	1.2	30
150	Variation in body condition of migratory caribou at calving and weaning: Which measures should we use?. <i>Ecoscience</i> , 2011, 18, 295-303.	0.6	30
151	Does mass change of primiparous bighorn ewes reflect reproductive effort?. <i>Canadian Journal of Zoology</i> , 2001, 79, 312-318.	0.4	29
152	Maternal condition and offspring sex ratio in polygynous ungulates: a case study of bighorn sheep. <i>Behavioral Ecology</i> , 2005, 16, 274-279.	1.0	29
153	Sex ratio bias and reproductive strategies: What sex to produce when?. <i>Ecology</i> , 2011, 92, 441-449.	1.5	29
154	Past bottlenecks and current population fragmentation of endangered huemul deer (<i>Hippocamelus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.8	29
155	Effects of early horn growth on reproduction and hunting mortality in female chamois. <i>Journal of Animal Ecology</i> , 2011, 80, 438-447.	1.3	28
156	The effect of radio-collared weight on survival of migratory caribou. <i>Journal of Wildlife Management</i> , 2014, 78, 953-956.	0.7	28
157	Canadian species at risk (2006-2008), with particular emphasis on fishes. <i>Environmental Reviews</i> , 2009, 17, 53-65.	2.1	27
158	Experimental manipulation of female reproduction demonstrates its fitness costs in kangaroos. <i>Journal of Animal Ecology</i> , 2015, 84, 239-248.	1.3	27
159	A quantitative trait locus analysis of personality in wild bighorn sheep. <i>Ecology and Evolution</i> , 2013, 3, 474-481.	0.8	26
160	Quantifying individual heterogeneity and its influence on life-history trajectories: different methods for different questions and contexts. <i>Oikos</i> , 2018, 127, 687-704.	1.2	26
161	Use of Xylazine and Ketamine to Immobilize Bighorn Sheep in Alberta. <i>Journal of Wildlife Management</i> , 1985, 49, 162.	0.7	25
162	Effects of Litter Size and Population Dynamics on Juvenile and Maternal Survival in Columbian Ground Squirrels. <i>Journal of Animal Ecology</i> , 1991, 60, 1077.	1.3	25

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163	Spring-loaded reproduction: effects of body condition and population size on fertility in migratory caribou (<i>Rangifer tarandus</i>). Canadian Journal of Zoology, 2013, 91, 473-479.	0.4	25
164	Paternal reproductive success drives sex allocation in a wild mammal. Evolution; International Journal of Organic Evolution, 2016, 70, 358-368.	1.1	25
165	FIELD IMMOBILIZATION OF BIGHORN SHEEP WITH XYLAZINE HYDROCHLORIDE AND ANTAGONISM WITH IDAZOXAN. Journal of Wildlife Diseases, 1990, 26, 522-527.	0.3	24
166	Estimating the effect of temporally autocorrelated environments on the demography of density-independent age-structured populations. Methods in Ecology and Evolution, 2013, 4, 573-584.	2.2	24
167	Towards robust evolutionary inference with integral projection models. Journal of Evolutionary Biology, 2017, 30, 270-288.	0.8	24
168	Age-related reproductive effort in bighorn sheep ewes. Ecoscience, 2007, 14, 318.	0.6	23
169	Demographic drivers of age-dependent sexual selection. Journal of Evolutionary Biology, 2016, 29, 1437-1446.	0.8	23
170	Effects of an exceptionally snowy winter on chamois survival. Acta Theriologica, 2011, 56, 329.	1.1	22
171	Is mother condition related to offspring condition in migratory caribou (<i>Rangifer tarandus</i>) at calving and weaning?. Canadian Journal of Zoology, 2012, 90, 393-402.	0.4	22
172	Reproductive rate, not dominance status, affects fecal glucocorticoid levels in breeding female meerkats. Hormones and Behavior, 2012, 61, 463-471.	1.0	22
173	The cost of horniness: Heat loss may counter sexual selection for large horns in temperate bovids. Ecoscience, 1996, 3, 280-284.	0.6	21
174	Mass-dependent reproductive strategies in wild bighorn ewes: a quantitative genetic approach. Journal of Evolutionary Biology, 2000, 13, 679-688.	0.8	21
175	Older conservatives: reproduction in female Alpine chamois (<i>Rupicapra rupicapra</i>) is increasingly risk-averse with age. Canadian Journal of Zoology, 2016, 94, 311-321.	0.4	21
176	Protecting biodiversity in British Columbia: Recommendations for developing species at risk legislation. Facets, 2019, 4, 136-160.	1.1	21
177	Can phenotypic rescue from harvest refuges buffer wild sheep from selective hunting?. Ecology and Evolution, 2014, 4, 3375-3382.	0.8	20
178	Age-specific reproductive success and cost in female Alpine ibex. Oecologia, 2015, 178, 197-205.	0.9	20
179	Bovid Horns: An Important Site for Heat Loss during Winter?. Journal of Mammalogy, 1994, 75, 710-713.	0.6	19
180	LIFE-HISTORY CORRELATES OF HORN ASYMMETRY IN MOUNTAIN GOATS. Journal of Mammalogy, 2001, 82, 389-400.	0.6	19

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181	Tradeoff between offspring mass and subsequent reproduction in a highly iteroparous mammal. <i>Oikos</i> , 2011, 120, 690-695.	1.2	19
182	Male mating competitiveness and age-dependent relationship between testosterone and social rank in bighorn sheep. <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 919-928.	0.6	19
183	Individual heterogeneity and offspring sex affect the growthâ€“reproduction trade-off in a mammal with indeterminate growth. <i>Oecologia</i> , 2016, 180, 1127-1135.	0.9	19
184	Size, season and offspring sex affect milk composition and juvenile survival in wild kangaroos. <i>Journal of Zoology</i> , 2017, 302, 252-262.	0.8	19
185	Drivers and demographic consequences of seasonal mass changes in an alpine ungulate. <i>Ecology</i> , 2018, 99, 724-734.	1.5	19
186	<i>Ecology, Evolution, Economics, and Ungulate Management.</i> , 2007, , 183-202.		19
187	Genomic analysis of morphometric traits in bighorn sheep using the Ovine Infinium [®] SNP BeadChip. <i>PeerJ</i> , 2018, 6, e4364.	0.9	18
188	Motherâ€“offspring distances reflect sex differences in fine-scale genetic structure of eastern grey kangaroos. <i>Ecology and Evolution</i> , 2015, 5, 2084-2094.	0.8	17
189	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
190	Age-Specific Survival in Five Populations of Ungulates: Evidence of Senescence. <i>Ecology</i> , 1999, 80, 2539.	1.5	17
191	Scientific advice on species at risk: a comparative analysis of status assessments of polar bear, <i>Ursus maritimus</i> . <i>Environmental Reviews</i> , 2009, 17, 45-51.	2.1	16
192	Detecting between-individual differences in hind-foot length in populations of wild mammals. <i>Canadian Journal of Zoology</i> , 2013, 91, 118-123.	0.4	16
193	Offspring sex in mountain goat varies with adult sex ratio but only for mothers in good condition. <i>Behavioral Ecology and Sociobiology</i> , 2016, 70, 123-132.	0.6	16
194	Dyadic associations and individual sociality in bighorn ewes. <i>Behavioral Ecology</i> , 2016, 27, 560-566.	1.0	16
195	Effects of Removal of Successful Males in a Fallow Deer Lek. <i>Ethology</i> , 1989, 83, 320-325.	0.5	15
196	Effects of selective harvest of non-lactating females on chamois population dynamics. <i>Journal of Applied Ecology</i> , 2014, 51, 1075-1084.	1.9	15
197	Maternal condition and previous reproduction interact to affect offspring sex in a wild mammal. <i>Biology Letters</i> , 2016, 12, 20160510.	1.0	15
198	Maternal resource allocation adjusts to timing of parturition in an asynchronous breeder. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	0.6	15

#	ARTICLE	IF	CITATIONS
199	Tall young females get ahead: size-specific fecundity in wild kangaroos suggests a steep trade-off with growth. <i>Oecologia</i> , 2018, 186, 59-71.	0.9	14
200	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
201	Heterogeneity in reproductive success explained by individual differences in bite rate and mass change. <i>Behavioral Ecology</i> , 2016, 27, 777-783.	1.0	13
202	Phenotypic plasticity in bighorn sheep reproductive phenology: from individual to population. <i>Behavioral Ecology and Sociobiology</i> , 2019, 73, 1.	0.6	13
203	Variable social organization is ubiquitous in Artiodactyla and probably evolved from pair-living ancestors. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200035.	1.2	13
204	Effects of density and weather on survival of bighorn sheep lambs (<i>Ovis canadensis</i>). , 1998, 245, 271.		13
205	Litter reductions reveal a trade-off between offspring size and number in brown bears. <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 1025-1032.	0.6	12
206	Record books do not capture population trends in horn length of bighorn sheep. <i>Wildlife Society Bulletin</i> , 2015, 39, 746-750.	1.6	12
207	Paternity in eastern grey kangaroos: moderate skew despite strong sexual dimorphism. <i>Behavioral Ecology</i> , 2015, 26, 1147-1155.	1.0	12
208	Hunting, age structure, and horn size distribution in bighorn sheep. <i>Journal of Wildlife Management</i> , 2017, 81, 792-799.	0.7	11
209	POPULATION ECOLOGY: Enhanced: Not All Sheep Are Equal. <i>Science</i> , 2001, 292, 1499-1500.	6.0	10
210	Precision, accuracy and bias of walked line-transect distance sampling to estimate eastern grey kangaroo population size. <i>Wildlife Research</i> , 2015, 42, 633.	0.7	10
211	Solutions for Archiving Data in Long-Term Studies: A Reply to Whitlock et al.. <i>Trends in Ecology and Evolution</i> , 2016, 31, 85-87.	4.2	10
212	Long-term consequences of mother-offspring associations in eastern grey kangaroos. <i>Behavioral Ecology and Sociobiology</i> , 2017, 71, 1.	0.6	10
213	Invest long term in Canada's wilderness. <i>Science</i> , 2018, 359, 1002-1002.	6.0	10
214	Forage availability and maternal characteristics affect costs of reproduction in a large marsupial. <i>Oecologia</i> , 2020, 193, 97-107.	0.9	10
215	Siring success in kangaroos: size matters for those in the right place at the right time. <i>Behavioral Ecology</i> , 2020, 31, 750-760.	1.0	10
216	Adoption in Eastern Grey Kangaroos: A Consequence of Misdirected Care?. <i>PLoS ONE</i> , 2015, 10, e0125182.	1.1	9

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217	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
218	Herbivore management for biodiversity conservation: A case study of kangaroos in the Australian Capital Territory (ACT). <i>Ecological Management and Restoration</i> , 2021, 22, 124-137.	0.7	9
219	EFFECTS OF VISIBLE SIGNS OF CONTAGIOUS ECTHYMA ON MASS AND SURVIVAL OF BIGHORN LAMBS. <i>Journal of Wildlife Diseases</i> , 1996, 32, 286-292.	0.3	8
220	Habitat Manipulation Modifies Lek Use in Fallow Deer. <i>Ethology</i> , 1998, 104, 603-612.	0.5	8
221	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
222	Supersize me: heavy eastern grey kangaroo mothers have more sons. <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 795-804.	0.6	8
223	Poaching, recruitment and conservation of Punjab ural <i>Ovis vignei punjabiensis</i> . <i>Wildlife Biology</i> , 2006, 12, 443-449.	0.6	7
224	Ecological and evolutionary effects of selective harvest of non-lactating female ungulates. <i>Journal of Applied Ecology</i> , 2017, 54, 1571-1580.	1.9	7
225	Learning to migrate. <i>Science</i> , 2018, 361, 972-973.	6.0	7
226	Sons accelerate maternal aging in a wild mammal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4850-4857.	3.3	7
227	Determinants of offspring sex in kangaroos: a test of multiple hypotheses. <i>Behavioral Ecology</i> , 2021, 32, 297-305.	1.0	7
228	Growth and reproduction trade-offs can estimate previous reproductive history in alpine ungulates. <i>Journal of Applied Ecology</i> , 2021, 58, 869-878.	1.9	7
229	Dynamics of hunted and unhunted mountain goat <i>Oreamnos americanus</i> populations. <i>Wildlife Biology</i> , 2003, 9, 213-218.	0.6	7
230	Effects of rainfall, forage biomass, and population density, on survival and growth of juvenile kangaroos. <i>Journal of Mammalogy</i> , 2022, 103, 491-502.	0.6	7
231	Early survival of Punjab ural. <i>Canadian Journal of Zoology</i> , 2008, 86, 394-399.	0.4	6
232	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
233	Trophy hunting mediates sex-specific associations between early-life environmental conditions and adult mortality in bighorn sheep. <i>Journal of Animal Ecology</i> , 2019, 88, 734-745.	1.3	6
234	Maternal longevity and offspring sex in wild ungulates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20181968.	1.2	6

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235	Testing the importance of harvest refuges for phenotypic rescue of trophy-hunted populations. <i>Journal of Applied Ecology</i> , 2020, 57, 526-535.	1.9	6
236	Horn growth appears to decline under intense trophy hunting, but biases in hunt data challenge the interpretation of the evolutionary basis of trends. <i>Evolutionary Applications</i> , 2021, 14, 1519-1527.	1.5	6
237	Group leaving in Mountain goats: are young males ousted by adult females?. <i>Behavioural Processes</i> , 1997, 40, 243-246.	0.5	5
238	Another one bites the dust: Does incisor-arcade size affect mass gain and survival in grazing ungulates?. <i>Canadian Journal of Zoology</i> , 2003, 81, 1623-1629.	0.4	5
239	Capturing and Tagging Free-ranging Bighorn Sheep. <i>Journal of Wildlife Diseases</i> , 1991, 27, 733-734.	0.3	4
240	Rarity, willingness to pay and conservation. <i>Animal Conservation</i> , 2012, 15, 12-13.	1.5	4
241	Do Early-Life Conditions Drive Variation in Senescence of Female Bighorn Sheep?. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 637692.	1.8	4
242	Testing the match-mismatch hypothesis in bighorn sheep in the context of climate change. <i>Global Change Biology</i> , 2022, 28, 21-32.	4.2	4
243	Milk composition in a wild mammal: a physiological signature of phenological changes. <i>Oecologia</i> , 2020, 193, 349-358.	0.9	3
244	Breeding migrations by bighorn sheep males are driven by mating opportunities. <i>Ecology and Evolution</i> , 2022, 12, e8692.	0.8	3
245	Large eastern grey kangaroo males are dominant but do not monopolize matings. <i>Behavioral Ecology and Sociobiology</i> , 2022, 76, .	0.6	3
246	Forage Characteristics and Bighorn Sheep Phenotype. <i>Journal of Mammalogy</i> , 1990, 71, 697-699.	0.6	2
247	The Walia ibex is a valuable and distinct conservation unit. <i>Animal Conservation</i> , 2009, 12, 101-102.	1.5	2
248	Human-induced reversal of fortunes for migratory ungulates?1. <i>Ecology</i> , 2013, 94, 1243-1244.	1.5	2
249	Comment on Lima & Berryman (2006): the Alpine ibex revisited. <i>Climate Research</i> , 2006, 32, 137-137.	0.4	2
250	Sustainable trophy hunting of Iberian ibex. <i>Galemys Spanish Journal of Mammalogy</i> , 2018, 30, 1-4.	0.2	2
251	A multivariate perspective of resource acquisition behaviours in bighorn sheep. <i>Animal Behaviour</i> , 2022, 184, 81-87.	0.8	2
252	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

#	ARTICLE	IF	CITATIONS
253	SELECTION AND GENETIC (CO)VARIANCE IN BIGHORN SHEEP. Evolution; International Journal of Organic Evolution, 2005, 59, 1372.	1.1	1
254	Changes in horn size of Stone's sheep over four decades correlate with trophy hunting pressure. , 0, , 150612113525004.		1
255	Mountain sheep management using data versus opinions: A comment on Boyce and Krausman (2018). Journal of Wildlife Management, 2019, 83, 6-8.	0.7	1
256	Life-History Correlates of Horn Asymmetry in Mountain Goats. Journal of Mammalogy, 2001, 82, 389-400.	0.6	1
257	Variation in age of primiparity in mountain goats (<i>Oreamnos americanus</i>) estimated from horn growth increments. Canadian Journal of Zoology, 2022, 100, 176-183.	0.4	1
258	Diet of Punjab urial (<i>Ovis vignei punjabiensis</i>) in the Salt Range, Pakistan, and potential competition with domestic sheep and goats / Régime alimentaire de l'urial du Penjab (<i>Ovis vignei punjabiensis</i>) dans le Salt Range (Pakistan): compétition interspécifique potentielle avec les moutons et les chèvres domestiques. Mammalia, 2006, 70, .	0.3	0
259	Inuit Polar Bears and Sustainable Use edited by Milton M.R. Freeman and Lee Foote (2009), xii + 252 pp., CCI Press, Edmonton, Canada. ISBN 9781896445458 (pbk), USD 50.00.. Oryx, 2010, 44, 304-304.	0.5	0
260	Evolutionary Impacts From Harvesting. , 2017, , .		0
261	Effects of population density on static allometry between horn length and body mass in mountain ungulates. Oikos, 2021, 130, 2161.	1.2	0
262	Kangaroo fathers modulate maternal control of offspring sex but not post-partum maternal expenditure. American Naturalist, 0, , .	1.0	0