Jean-Michel Gaillard

List of Publications by Citations

290 papers	16,819 citations	67 h-index	120 g-index
311 ext. papers	19,315 ext. citations	4.7 avg, IF	6.63 L-index

#	Paper	IF	Citations
290	Using the satellite-derived NDVI to assess ecological responses to environmental change. *Trends in Ecology and Evolution*, **2005**, 20, 503-10	10.9	1771
289	Population dynamics of large herbivores: variable recruitment with constant adult survival. *Trends in Ecology and Evolution*, **1998**, 13, 58-63	10.9	943
288	Senescence in natural populations of animals: widespread evidence and its implications for bio-gerontology. *Ageing Research Reviews*, **2013**, 12, 214-25	12	412
287	TEMPORAL VARIATION IN SURVIVAL OF MAMMALS: A CASE OF ENVIRONMENTAL CANALIZATION?. *Ecology*, **2003**, 84, 3294-3306	4.6	388
286	AGE-SPECIFIC SURVIVAL IN FIVE POPULATIONS OF UNGULATES: EVIDENCE OF SENESCENCE. *Ecology*, **1999**, 80, 2539-2554	4.6	331
285	The home-range concept: are traditional estimators still relevant with modern telemetry technology?. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2010**, 365, 2221-31	5.8	325
284	Longevity can buffer plant and animal populations against changing climatic variability. *Ecology*, **2008**, 89, 19-25	4.6	309
283	Senescence rates are determined by ranking on the fast-slow life-history continuum. *Ecology Letters*, **2008**, 11, 664-73	10	268
282	Temporal and spatial development of red deer harvesting in Europe: biological and cultural factors. *Journal of Applied Ecology*, **2006**, 43, 721-734	5.8	232
281	Habitat-performance relationships: finding the right metric at a given spatial scale. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2010**, 365, 2255-65	5.8	213
280	Early-late life trade-offs and the evolution of ageing in the wild. *Proceedings of the Royal Society B: Biological Sciences*, **2015**, 282, 20150209	4.4	211
279	Successful sons or advantaged daughters? The Trivers-Willard model and sex-biased maternal investment in ungulates. *Trends in Ecology and Evolution*, **1999**, 14, 229-234	10.9	211
278	Roe Deer Survival Patterns: A Comparative Analysis of Contrasting Populations. *Journal of Animal Ecology*, **1993**, 62, 778	4.7	204
277	EFFECTS OF AGE, SEX, DISEASE, AND DENSITY ON SURVIVAL OF BIGHORN SHEEP. *Ecology*, **1997**, 78, 1019-1032	4.6	203
276	Early survival in roe deer: causes and consequences of cohort variation in two contrasted populations. *Oecologia*, **1997**, 112, 502-513	2.9	203
275	Body mass and individual fitness in female ungulates: bigger is not always better. *Proceedings of the Royal Society B: Biological Sciences*, **2000**, 267, 471-7	4.4	192
274	Indicators of ecological change: new tools for managing populations of large herbivores. *Journal of Applied Ecology*, **2007**, 44, 634-643	5.8	185

273	Memory keeps you at home: a mechanistic model for home range emergence. *Oikos*, **2009**, 118, 641-6524		183
272	Individual variation in reproductive costs of reproduction: high-quality females always do better. *Journal of Animal Ecology*, **2009**, 78, 143-51	4.7	182
271	Generation time: a reliable metric to measure life-history variation among mammalian populations. *American Naturalist*, **2005**, 166, 119-23; discussion 124-8	3.7	153
270	Factors affecting maternal care in an income breeder, the European roe deer. *Journal of Animal Ecology*, **2000**, 69, 672-682	4.7	149
269	Effects of age and body weight on the proportion of females breeding in a population of roe deer (Capreolus capreolus). *Canadian Journal of Zoology*, **1992**, 70, 1541-1545	1.5	148
268	Variable age structure and apparent density dependence in survival of adult ungulates. *Journal of Animal Ecology*, **2003**, 72, 640-649	4.7	147
267	Spring Normalized Difference Vegetation Index (NDVI) predicts annual variation in timing of peak faecal crude protein in mountain ungulates. *Journal of Applied Ecology*, **2009**, 46, 582-589	5.8	146
266	Fitness costs of reproduction depend on life speed: empirical evidence from mammalian populations. *Ecology Letters*, **2010**, 13, 915-35	10	140
265	Decomposing the variation in population growth into contributions from multiple demographic rates. *Journal of Animal Ecology*, **2005**, 74, 789-801	4.7	132
264	Variations in adult body mass in roe deer: the effects of population density at birth and of habitat quality. *Proceedings of the Royal Society B: Biological Sciences*, **2002**, 269, 747-53	4.4	130
263	Mismatch between birth date and vegetation phenology slows the demography of roe deer. *PLoS Biology*, **2014**, 12, e1001828	9.7	128
262	Stochastic predation events and population persistence in bighorn sheep. *Proceedings of the Royal Society B: Biological Sciences*, **2006**, 273, 1537-43	4.4	126
261	Assessing habitat selection using multivariate statistics: Some refinements of the ecological-niche factor analysis. *Ecological Modelling*, **2008**, 211, 233-240	3	125
260	Antler size provides an honest signal of male phenotypic quality in roe deer. *American Naturalist*, **2007**, 169, 481-93	3.7	123
259	Using a proxy of plant productivity (NDVI) to find key periods for animal performance: the case of roe deer. *Oikos*, **2006**, 112, 565-572	4	122
258	Individual quality, early-life conditions, and reproductive success in contrasted populations of large herbivores. *Ecology*, **2009**, 90, 1981-95	4.6	119
257	How does environmental variation influence body mass, body size, and body condition? Roe deer as a case study. *Ecography*, **2006**, 29, 301-308	6.5	116
256	How life history influences population dynamics in fluctuating environments. *American Naturalist*, **2013**, 182, 743-59	3.7	111

255	What shapes Eurasian lynx distribution in human dominated landscapes: selecting prey or avoiding people?. *Ecography*, **2009**, 32, 683-691	6.5	107
254	From stochastic environments to life histories and back. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2009**, 364, 1499-509	5.8	101
253	Causes of sex-biased adult survival in ungulates: sexual size dimorphism, mating tactic or environment harshness?. *Oikos*, **2003**, 101, 376-384	4	101
252	Influence of harvesting pressure on demographic tactics: implications for wildlife management. *Journal of Applied Ecology*, **2011**, 48, 835-843	5.8	99
251	Selective harvesting and habitat loss produce long-term life history changes in a mouflon population **2007**, 17, 1607-18		98
250	Patterns of body mass senescence and selective disappearance differ among three species of free-living ungulates. *Ecology*, **2011**, 92, 1936-47	4.6	97
249	Reproductive senescence: new perspectives in the wild. *Biological Reviews*, **2017**, 92, 2182-2199	13.5	94
248	Cohort effects and deer population dynamics. *Ecoscience*, **2003**, 10, 412-420	1.1	94
247	A slow life in hell or a fast life in heaven: demographic analyses of contrasting roe deer populations. *Journal of Animal Ecology*, **2009**, 78, 585-94	4.7	93
246	Heterogeneity in individual quality overrides costs of reproduction in female reindeer. *Oecologia*, **2008**, 156, 237-47	2.9	87
245	Good reindeer mothers live longer and become better in raising offspring. *Proceedings of the Royal Society B: Biological Sciences*, **2006**, 273, 1239-44	4.4	87
244	Movement is the glue connecting home ranges and habitat selection. *Journal of Animal Ecology*, **2016**, 85, 21-31	4.7	86
243	Cohort effects in red squirrels: the influence of density, food abundance and temperature on future survival and reproductive success. *Journal of Animal Ecology*, **2008**, 77, 305-14	4.7	85
242	Pulsed resources and climate-induced variation in the reproductive traits of wild boar under high hunting pressure. *Journal of Animal Ecology*, **2009**, 78, 1278-90	4.7	83
241	Importance of accounting for detection heterogeneity when estimating abundance: the case of French wolves. *Conservation Biology*, **2010**, 24, 621-6	6	82
240	Body Mass of Roe Deer Fawns during Winter in 2 Contrasting Populations. *Journal of Wildlife Management*, **1996**, 60, 29	1.9	81
239	The risk of flawed inference in evolutionary studies when detectability is less than one. *American Naturalist*, **2008**, 172, 441-8	3.7	81
238	Multiple causes of sexual segregation in European red deer: enlightenments from varying breeding phenology at high and low latitude. *Proceedings of the Royal Society B: Biological Sciences*, **2004**, 271, 883-92	4.4	80

237	Lasting effects of conditions at birth on moose body mass. *Ecography*, **2004**, 27, 677-687	6.5	80
236	Sex- and age-dependent effects of population density on life history traits of red deer Cervus elaphus in a temperate forest. *Ecography*, **2002**, 25, 446-458	6.5	80
235	Age-specific changes in different components of reproductive output in female reindeer: terminal allocation or senescence?. *Oecologia*, **2010**, 162, 261-71	2.9	79
234	Age-specific variation in survival, reproductive success and offspring quality in red squirrels: evidence of senescence. *Oikos*, **2008**, 117, 1406-1416	4	79
233	What shapes intra-specific variation in home range size? A case study of female roe deer. *Oikos*, **2009**, 118, 1299-1306	4	78
232	Predation, individual variability and vertebrate population dynamics. *Oecologia*, **2011**, 167, 305-14	2.9	76
231	Population density and small-scale variation in habitat quality affect phenotypic quality in roe deer. *Oecologia*, **2001**, 128, 400-405	2.9	76
230	Sex differences in adult lifespan and aging rates of mortality across wild mammals. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 8546-8553	11.5	75
229	Sex- and age-specific survival of the highly dimorphic Alpine ibex: evidence for a conservative life-history tactic. *Journal of Animal Ecology*, **2007**, 76, 679-86	4.7	74
228	Best squirrels trade a long life for an early reproduction. *Proceedings of the Royal Society B: Biological Sciences*, **2006**, 273, 2369-74	4.4	73
227	Comparative analyses of longevity and senescence reveal variable survival benefits of living in zoos across mammals. *Scientific Reports*, **2016**, 6, 36361	4.9	72
226	How does climate change influence demographic processes of widespread species? Lessons from the comparative analysis of contrasted populations of roe deer. *Ecology Letters*, **2013**, 16 Suppl 1, 48-57	10	68
225	Functional analysis of normalized difference vegetation index curves reveals overwinter mule deer survival is driven by both spring and autumn phenology. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2014**, 369, 20130196	5.8	67
224	Effects of Hurricane Lothar on the Population Dynamics of European Roe Deer. *Journal of Wildlife Management*, **2003**, 67, 767	1.9	67
223	Ecological correlates of home-range size in spring–summer for female roe deer (Capreolus capreolus) in a deciduous woodland. *Journal of Zoology*, **2005**, 267, 301	2	66
222	Survival costs of reproduction vary with age in North American red squirrels. *Proceedings of the Royal Society B: Biological Sciences*, **2009**, 276, 1129-35	4.4	64
221	Selecting habitat to survive: the impact of road density on survival in a large carnivore. *PLoS ONE*, **2013**, 8, e65493	3.7	64
220	The Williams' legacy: A critical reappraisal of his nine predictions about the evolution of senescence. *Evolution; International Journal of Organic Evolution*, **2017**, 71, 2768-2785	3.8	63

219	Condition-dependent natal dispersal in a large herbivore: heavier animals show a greater propensity to disperse and travel further. *Journal of Animal Ecology*, **2012**, 81, 1327	4.7	63
218	Variation in growth form and precocity at birth in eutherian mammals. *Proceedings of the Royal Society B: Biological Sciences*, **1997**, 264, 859-68	4.4	63
217	SENESCENCE IN NATURAL POPULATIONS OF MAMMALS: A REANALYSIS. *Evolution; International Journal of Organic Evolution*, **1994**, 48, 509-516	3.8	63
216	Maternal and individual effects in selection of bed sites and their consequences for fawn survival at different spatial scales. *Oecologia*, **2009**, 159, 669-78	2.9	62
215	What limits the Serengeti zebra population?. *Oecologia*, **2004**, 140, 523-32	2.9	61
214	Sex-specific demography and generalization of the Trivers-Willard theory. *Nature*, **2015**, 526, 249-52	50.4	59
213	The response of fawn survival to changes in habitat quality varies according to cohort quality and spatial scale. *Journal of Animal Ecology*, **2005**, 74, 972-981	4.7	59
212	Fitness consequences of environmental conditions at different life stages in a long-lived vertebrate. *Proceedings of the Royal Society B: Biological Sciences*, **2014**, 281, 20140276	4.4	57
211	Can we use the young´:´female ratio to infer ungulate population dynamics? An empirical test using red deer Cervus elaphus´as a model. *Journal of Applied Ecology*, **2005**, 42, 361-370	5.8	57
210	Age at the onset of senescence in birds and mammals is predicted by early-life performance. *Proceedings of the Royal Society B: Biological Sciences*, **2010**, 277, 2849-56	4.4	56
209	Mammal trap efficiency during the fragmentation by flooding of a neotropical rain forest in French Guiana. *Journal of Tropical Ecology*, **2000**, 16, 841-851	1.3	55
208	Data gaps and opportunities for comparative and conservation biology. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 9658-9664	11.5	54
207	Kilometric index as biological indicator for monitoring forest roe deer populations. *Acta Theriologica*, **1991**, 36, 315-328		54
206	Density-dependent responses of fawn cohort body mass in two contrasting roe deer populations. *Oecologia*, **2006**, 146, 521-30	2.9	53
205	AGE AND DENSITY MODIFY THE EFFECTS OF HABITAT QUALITY ON SURVIVAL AND MOVEMENTS OF ROE DEER. *Ecology*, **2003**, 84, 3307-3316	4.6	53
204	Modeling Adaptive and Nonadaptive Responses of Populations to Environmental Change. *American Naturalist*, **2017**, 190, 313-336	3.7	52
203	Estimating demographic parameters using hidden process dynamic models. *Theoretical Population Biology*, **2012**, 82, 307-16	1.2	52
202	High hunting pressure selects for earlier birth date: wild boar as a case study. *Evolution; International Journal of Organic Evolution*, **2011**, 65, 3100-12	3.8	52

201	Heterozygosity-fitness correlations revealed by neutral and candidate gene markers in roe deer from a long-term study. *Evolution; International Journal of Organic Evolution*, **2009**, 63, 403-17	3.8	52
200	Decreasing litter size of marmots over time: a life history response to climate change?. *Ecology*, **2013**, 94, 580-6	4.6	50
199	Female red squirrels fit Williams' hypothesis of increasing reproductive effort with increasing age. *Journal of Animal Ecology*, **2007**, 76, 1192-201	4.7	49
198	Causes and consequences of variation in offspring body mass: meta-analyses in birds and mammals. *Biological Reviews*, **2018**, 93, 1-27	13.5	48
197	Does sexual selection shape sex differences in longevity and senescence patterns across vertebrates? A review and new insights from captive ruminants. *Evolution; International Journal of Organic Evolution*, **2015**, 69, 3123-40	3.8	48
196	Spatial variation in springtime food resources influences the winter body mass of roe deer fawns. *Oecologia*, **2003**, 137, 363-9	2.9	48
195	A SUBSTANTIAL ENERGETIC COST TO MALE REPRODUCTION IN A SEXUALLY DIMORPHIC UNGULATE. *Ecology*, **2005**, 86, 2154-2163	4.6	48
194	Reproductive output of female mouflon (Ovis gmelini musimon□Ovis sp.): a comparative analysis. *Journal of Zoology*, **2005**, 266, 65-71	2	48
193	Survival of Wild Boars in a Variable Environment: Unexpected Life-history Variation in an Unusual Ungulate. *Journal of Mammalogy*, **2008**, 89, 1113-1123	1.8	47
192	Litter size and fetal sex ratio adjustment in a highly polytocous species: the wild boar. *Behavioral Ecology*, **2007**, 18, 427-432	2.3	47
191	Senescence in Natural Populations of Mammals: A Reanalysis. *Evolution; International Journal of Organic Evolution*, **1994**, 48, 509	3.8	47
190	Individual heterogeneity and capture□recapture models: what, why and how?. *Oikos*, **2018**, 127, 664-686	4	46
189	Sex gap in aging and longevity: can sex chromosomes play a role?. *Biology of Sex Differences*, **2018**, 9, 33	9.3	46
188	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,	4.4	45
187	Comparing free-ranging and captive populations reveals intra-specific variation in aging rates in large herbivores. *Experimental Gerontology*, **2013**, 48, 162-7	4.5	45
186	High red deer density depresses body mass of roe deer fawns. *Oecologia*, **2010**, 163, 91-7	2.9	45
185	Are abundance indices derived from spotlight counts reliable to monitor red deer Cervus elaphus populations?. *Wildlife Biology*, **2010**, 16, 77-84	1.7	44
184	Adult survival pattern of the sexually dimorphic Alpine ibex (Capra ibex ibex). *Canadian Journal of Zoology*, **1997**, 75, 75-79	1.5	44

183	Sex-specific Growth in Alpine Chamois. *Journal of Mammalogy*, **2009**, 90, 954-960	1.8	43
182	A Test of Long-Term Fecal Nitrogen Monitoring to Evaluate Nutritional Status in Bighorn Sheep. *Journal of Wildlife Management*, **2003**, 67, 477	1.9	42
181	Variation in adult body mass of roe deer: early environmental conditions influence early and late body growth of females. *Ecology*, **2013**, 94, 1805-14	4.6	41
180	Population abundance and early spring conditions determine variation in body mass of juvenile chamois. *Journal of Mammalogy*, **2011**, 92, 1112-1117	1.8	41
179	Assessing whether mortality is additive using marked animals: a Bayesian state-space modeling approach. *Ecology*, **2010**, 91, 1916-23	4.6	40
178	The influence of birth date via body mass on individual fitness in a long-lived mammal. *Ecology*, **2015**, 96, 1516-1528	4.6	37
177	The effects of hurricane Lothar on habitat use of roe deer. *Forest Ecology and Management*, **2004**, 195, 237-242	3.9	37
176	Contradictory findings in studies of sex ratio variation in roe deer (Capreolus capreolus). *Behavioral Ecology and Sociobiology*, **1999**, 45, 339-348	2.5	37
175	High juvenile mortality is associated with sex-specific adult survival and lifespan in wild roe deer. *Current Biology*, **2015**, 25, 759-763	6.3	36
174	Age-Specific Variation in Male Breeding Success of a Territorial Ungulate Species, the European Roe Deer. *Journal of Mammalogy*, **2009**, 90, 661-665	1.8	36
173	Testing sexual segregation and aggregation: old ways are best. *Ecology*, **2007**, 88, 3202-8	4.6	36
172	Changes in horn size of Stone's sheep over four decades correlate with trophy hunting pressure **2016**, 26, 309-21		35
171	Male survival patterns do not depend on male allocation to sexual competition in large herbivores. *Behavioral Ecology*, **2013**, 24, 421-428	2.3	35
170	Detecting population heterogeneity in effects of North Atlantic Oscillations on seabird body condition: get into the rhythm. *Oikos*, **2010**, 119, 1526-1536	4	35
169	Bigger teeth for longer life? Longevity and molar height in two roe deer populations. *Biology Letters*, **2007**, 3, 268-70	3.6	35
168	Is sex-biased maternal care limited by total maternal expenditure in polygynous ungulates?. *Behavioral Ecology and Sociobiology*, **1995**, 37, 311-319	2.5	35
167	Making use of harvest information to examine alternative management scenarios: a body weight-structured model for wild boar. *Journal of Applied Ecology*, **2012**, 49, 833-841	5.8	34
166	Immune phenotype and body condition in roe deer: individuals with high body condition have different, not stronger immunity. *PLoS ONE*, **2012**, 7, e45576	3.7	34

165	Revisiting the allometry of antlers among deer species: male–female sexual competition as a driver. *Oikos*, **2011**, 120, 601-606	4	34
164	Predator-driven component Allee effects in a wild ungulate. *Ecology Letters*, **2011**, 14, 358-63	10	33
163	Alpine ibex males grow large horns at no survival cost for most of their lifetime. *Oecologia*, **2013**, 173, 1261-9	2.9	32
162	Female reproductive success and costs in an alpine capital breeder under contrasting environments. *Ecoscience*, **2002**, 9, 427-433	1.1	32
161	The Demographic Buffering Hypothesis: Evidence and Challenges. *Trends in Ecology and Evolution*, **2020**, 35, 523-538	10.9	31
160	Evidence of reduced individual heterogeneity in adult survival of long-lived species. *Evolution; International Journal of Organic Evolution*, **2016**, 70, 2909-2914	3.8	31
159	Diversification of the eutherian placenta is associated with changes in the pace of life. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 7760-5	11.5	31
158	Population density and phenotypic attributes influence the level of nematode parasitism in roe deer. *Oecologia*, **2011**, 167, 635-46	2.9	31
157	Assessing the intensity of sexual selection on male body mass and antler length in roe deer Capreolus capreolus: is bigger better in a weakly dimorphic species?. *Oikos*, **2010**, 119, 1484-1492	4	31
156	The diversity of population responses to environmental change. *Ecology Letters*, **2019**, 22, 342-353	10	31
155	Influence of life-history tactics on transient dynamics: a comparative analysis across mammalian populations. *American Naturalist*, **2014**, 184, 673-83	3.7	30
154	Big mothers invest more in daughters: reversed sex allocation in a weakly polygynous mammal. *Ecology Letters*, **2005**, 8, 430-437	10	30
153	Pollen limitation as a main driver of fruiting dynamics in oak populations. *Ecology Letters*, **2019**, 22, 98-107	10	30
152	The cost of growing large: costs of post-weaning growth on body mass senescence in a wild mammal. *Oikos*, **2017**, 126, 1329-1338	4	29
151	Roe deer Capreolus capreolus home-range sizes estimated from VHF and GPS data. *Wildlife Biology*, **2008**, 14, 101-110	1.7	29
150	Can ground counts reliably monitor ibex Capra ibex populations. *Wildlife Biology*, **2008**, 14, 489-499	1.7	29
149	Hind Foot Length: An Indicator for Monitoring Roe Deer Populations at a Landscape Scale. *Wildlife Society Bulletin*, **2006**, 34, 351-358	1.4	29
148	Reproductive allocation in pulsed-resource environments: a comparative study in two populations of wild boar. *Oecologia*, **2017**, 183, 1065-1076	2.9	28

147	Roe deer population growth and lynx predation along a gradient of environmental productivity and climate in Norway. *Ecoscience*, **2010**, 17, 166-174	1.1	28
146	Selectivity of eurasian lynx Lynx lynx and recreational hunters for age, sex and body condition in roe deer Capreolus capreolus. *Wildlife Biology*, **2007**, 13, 467-474	1.7	28
145	Maternal condition and offspring sex ratio in polygynous ungulates: a case study of bighorn sheep. *Behavioral Ecology*, **2005**, 16, 274-279	2.3	28
144	Maternal age is not a predominant determinant of progeny sex ratio variation in ungulates. *Oikos*, **2002**, 98, 334-339	4	28
143	Successes and challenges of long-term field studies of marked ungulates. *Journal of Mammalogy*, **2017**, 98, 612-620	1.8	27
142	Reproductive biology of captive female Eurasian lynx, Lynx lynx. *European Journal of Wildlife Research*, **2005**, 51, 151-156	2	27
141	Stick or twist: roe deer adjust their flight behaviour to the perceived trade-off between risk and reward. *Animal Behaviour*, **2017**, 124, 35-46	2.8	26
140	Quantifying the influence of measured and unmeasured individual differences on demography. *Journal of Animal Ecology*, **2015**, 84, 1434-45	4.7	26
139	Poor horse traders: large mammals trade survival for reproduction during the process of feralization. *Proceedings of the Royal Society B: Biological Sciences*, **2009**, 276, 1911-9	4.4	26
138	Do age-specific survival patterns of wild boar fit current evolutionary theories of senescence?. *Evolution; International Journal of Organic Evolution*, **2014**, 68, 3636-43	3.8	25
137	Reproductive constraints, not environmental conditions, shape the ontogeny of sex-specific mass□ize allometry in roe deer. *Oikos*, **2011**, 120, 1217-1226	4	24
136	Parasite abundance contributes to condition-dependent dispersal in a wild population of large herbivore. *Oikos*, **2014**, 123, 1121-1125	4	23
135	Predation risk and longevity influence variation in fitness of female roe deer (Capreolus capreolus L.). *Proceedings of the Royal Society B: Biological Sciences*, **2004**, 271 Suppl 5, S338-40	4.4	23
134	Spatio-temporal variation in cat population density in a sub-Antarctic environment. *Polar Biology*, **2002**, 25, 90-95	2	23
133	MANAGEMENT OF CHAMOIS (RUPICAPRA RUPICAPRA) MOVING BETWEEN A PROTECTED CORE AREA AND A HUNTING AREA **2002**, 12, 1199-1211		23
132	Early and Adult Social Environments Shape Sex-Specific Actuarial Senescence Patterns in a Cooperative Breeder. *American Naturalist*, **2018**, 192, 525-536	3.7	22
131	The oak browsing index correlates linearly with roe deer density: a new indicator for deer management?. *European Journal of Wildlife Research*, **2012**, 58, 17-22	2	22
130	Parturition date for a given female is highly repeatable within five roe deer populations. *Biology Letters*, **2013**, 9, 20120841	3.6	22

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128	Socially mediated effects of climate change decrease survival of hibernating Alpine marmots. *Journal of Animal Ecology*, **2016**, 85, 761-73	4.7	22
127	Assessing variation in life-history tactics within a population using mixture regression models: a practical guide for evolutionary ecologists. *Biological Reviews*, **2017**, 92, 754-775	13.5	21
126	Plastic response by a small cervid to supplemental feeding in winter across a wide environmental gradient. *Ecosphere*, **2017**, 8, e01629	3.1	21
125	Statistical evaluation of parameters estimating autocorrelation and individual heterogeneity in longitudinal studies. *Methods in Ecology and Evolution*, **2012**, 3, 731-742	7.7	21
124	Fluctuating food resources influence developmental plasticity in wild boar. *Biology Letters*, **2013**, 9, 20130419	3.4	21
123	Variation in harem size of red deer (Cervus elaphus L.): the effects of adult sex ratio and age-structure. *Journal of Zoology*, **2004**, 264, 77-85	2	21
122	Age-dependent associations between telomere length and environmental conditions in roe deer. *Biology Letters*, **2017**, 13,	3.6	20
121	Partial migration or just habitat selection? Seasonal movements of roe deer in an Alpine population. *Journal of Mammalogy*, **2015**, 96, 502-510	1.8	20
120	Snow sinking depth and forest canopy drive winter resource selection more than supplemental feeding in an alpine population of roe deer. *European Journal of Wildlife Research*, **2015**, 61, 111-124	2	20
119	The influence of nonrandom mating on population growth. *American Naturalist*, **2013**, 182, 28-41	3.7	20
118	How do animals optimize the size-number trade-off when aging? Insights from reproductive senescence patterns in marmots. *Ecology*, **2015**, 96, 46-53	4.6	19
117	Long-lived and heavier females give birth earlier in roe deer. *Ecography*, **2014**, 37, 241-249	6.5	19
116	Sex-specific senescence in body mass of a monogamous and monomorphic mammal: the case of Alpine marmots. *Oecologia*, **2013**, 172, 427-36	2.9	19
115	A semi-Markov model to assess reliably survival patterns from birth to death in free-ranging populations. *Methods in Ecology and Evolution*, **2011**, 2, 383-389	7.7	19
114	Patrons de reproduction des femelles d□sard (Rupicapra pyrenaica pyrenaica) dans une population non chass□ et cons□quences d□mographiques. *Canadian Journal of Zoology*, **2006**, 84, 1263-1268	1.5	19
113	Continuous cycling of grouped vs. solitary strategy frequencies in a predator-prey model. *Theoretical Population Biology*, **2004**, 65, 263-70	1.2	19
112	The 'Evo-Demo' Implications of Condition-Dependent Mortality. *Trends in Ecology and Evolution*, **2017**, 32, 909-921	10.9	18

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