Pierre Taberlet

List of Publications by Year in Descending Order

245 papers	38,898 citations	90 h-index	196 g-index
261 ext. papers	45,407 ext. citations	6.4 avg, IF	7.23 L-index

#	Paper	IF	Citations
245	Morphological vs. DNA metabarcoding approaches for the evaluation of stream ecological status with benthic invertebrates: Testing different combinations of markers and strategies of data filtering. *Molecular Ecology*, **2021**, 30, 3203-3220	5.7	8
244	The bear-berry connection: Ecological and management implications of brown bears' food habits in a highly touristic protected area. *Biological Conservation*, **2021**, 264, 109376	6.2	2
243	Modelling technical and biological biases in macroinvertebrate community assessment from bulk preservative using multiple metabarcoding markers. *Molecular Ecology*, **2021**, 30, 3221-3238	5.7	8
242	Comparison of markers for the monitoring of freshwater benthic biodiversity through DNA metabarcoding. *Molecular Ecology*, **2021**, 30, 3189-3202	5.7	14
241	Comprehensive coverage of human last meal components revealed by a forensic DNA metabarcoding approach. *Scientific Reports*, **2021**, 11, 8876	4.9	2
240	Environmental DNA metabarcoding for freshwater bivalves biodiversity assessment: methods and results for the Western Palearctic (European sub-region). *Hydrobiologia*, **2021**, 848, 2931-2950	2.4	15
239	Power and limitations of environmental DNA metabarcoding for surveying leaf litter eukaryotic communities. *Environmental DNA*, **2021**, 3, 528-540	7.6	1
238	How do forest management and wolf space-use affect diet composition of the wolf's main prey, the red deer versus a non-prey species, the European bison?. *Forest Ecology and Management*, **2021**, 479, 118620	3.9	0
237	Small shrubs with large importance? Smaller deer may increase the moose-forestry conflict through feeding competition over Vaccinium shrubs in the field layer. *Forest Ecology and Management*, **2021**, 480, 118768	3.9	4
236	Lake Sedimentary DNA Research on Past Terrestrial and Aquatic Biodiversity: Overview and Recommendations. *Quaternary*, **2021**, 4, 6	2.2	23
235	eDNA metabarcoding for biodiversity assessment, generalist predators as sampling assistants. *Scientific Reports*, **2021**, 11, 6820	4.9	4
234	Analysis of complex trophic networks reveals the signature of land-use intensification on soil communities in agroecosystems. *Scientific Reports*, **2021**, 11, 18260	4.9	1
233	Assessing changes in stream macroinvertebrate communities across ecological gradients using morphological versus DNA metabarcoding approaches. *Science of the Total Environment*, **2021**, 797, 149030	10.2	0
232	High levels of primary biogenic organic aerosols are driven by only a few plant-associated microbial taxa. *Atmospheric Chemistry and Physics*, **2020**, 20, 5609-5628	6.8	9
231	Advances and prospects of environmental DNA in neotropical rainforests. *Advances in Ecological Research*, **2020**, 331-373	4.6	12
230	Latent Dirichlet Allocation reveals spatial and taxonomic structure in a DNA-based census of soil biodiversity from a tropical forest. *Molecular Ecology Resources*, **2020**, 20, 371-386	8.4	11
229	Ecological specialization and niche overlap of subterranean rodents inferred from DNA metabarcoding diet analysis. *Molecular Ecology*, **2020**, 29, 3144-3154	5.7	8

228	Variability of the Atmospheric PM Microbiome in Three Climatic Regions of France. *Frontiers in Microbiology*, **2020**, 11, 576750	5.7	4
227	Optimizing environmental DNA sampling effort for fish inventories in tropical streams and rivers. *Scientific Reports*, **2019**, 9, 3085	4.9	45
226	Doubting dung: eDNA reveals high rates of misidentification in diverse European ungulate communities. *European Journal of Wildlife Research*, **2019**, 65, 1	2	19
225	Last but not beast: the fall of the Alpine wolves told by historical DNA. *Mammal Research*, **2019**, 64, 595-600	2.8	2
224	Unlocking biodiversity and conservation studies in high-diversity environments using environmental DNA (eDNA): A test with Guianese freshwater fishes. *Molecular Ecology Resources*, **2019**, 19, 27-46	8.4	74
223	Foraging plasticity allows a large herbivore to persist in a sheltering forest habitat: DNA metabarcoding diet analysis of the European bison. *Forest Ecology and Management*, **2019**, 449, 117474	3.9	25
222	An evaluation of sequencing coverage and genotyping strategies to assess neutral and adaptive diversity. *Molecular Ecology Resources*, **2019**, 19, 1497-1515	8.4	17
221	A heritable subset of the core rumen microbiome dictates dairy cow productivity and emissions. *Science Advances*, **2019**, 5, eaav8391	14.3	87
220	Environmental DNA and metabarcoding for the study of amphibians and reptiles: species distribution, the microbiome, and much more. *Amphibia - Reptilia*, **2019**, 40, 129-148	1.2	23
219	Environmental and biotic drivers of soil microbial β-diversity across spatial and phylogenetic scales. *Ecography*, **2019**, 42, 2144-2156	6.5	6
218	Diet of the brown bear in Himalaya: Combining classical and molecular genetic techniques. *PLoS ONE*, **2019**, 14, e0225698	3.7	3
217	Body size determines soil community assembly in a tropical forest. *Molecular Ecology*, **2019**, 28, 528-543	5.7	64
216	Convergent genomic signatures of domestication in sheep and goats. *Nature Communications*, **2018**, 9, 813	17.4	112
215	Sheep genome functional annotation reveals proximal regulatory elements contributed to the evolution of modern breeds. *Nature Communications*, **2018**, 9, 859	17.4	61
214	Lack of evidence for selection favouring MHC haplotypes that combine high functional diversity. *Heredity*, **2018**, 120, 396-406	3.6	9
213	Preserving genetic connectivity in the European Alps protected area network. *Biological Conservation*, **2018**, 218, 99-109	6.2	11
212	Ancient environmental DNA reveals shifts in dominant mutualisms during the late Quaternary. *Nature Communications*, **2018**, 9, 139	17.4	14
211	Present conditions may mediate the legacy effect of past land-use changes on species richness and composition of above- and below-ground assemblages. *Journal of Ecology*, **2018**, 106, 306-318	6	15

210	Howling from the past: historical phylogeography and diversity losses in European grey wolves. *Proceedings of the Royal Society B: Biological Sciences*, **2018**, 285,	4.4	20
209	DNA from lake sediments reveals long-term ecosystem changes after a biological invasion. *Science Advances*, **2018**, 4, eaar4292	14.3	40
208	Mapping the imprint of biotic interactions on diversity. *Ecology Letters*, **2018**, 21, 1660-1669	10	23
207	Environmental DNA **2018**,		246
206	Environmental DNA Time Series in Ecology. *Trends in Ecology and Evolution*, **2018**, 33, 945-957	10.9	90
205	Metabarcoding of modern soil DNA gives a highly local vegetation signal in Svalbard tundra. *Holocene*, **2018**, 28, 2006-2016	2.6	20
204	Diet shifts by adult flightless dung beetles Circellium bacchus, revealed using DNA metabarcoding, reflect complex life histories. *Oecologia*, **2018**, 188, 107-115	2.9	10
203	Body condition, diet and ecosystem function of red deer (Cervus elaphus) in a fenced nature reserve. *Global Ecology and Conservation*, **2017**, 11, 312-323	2.8	10
202	Long-term changes in alpine pedogenetic processes: Effect of millennial agro-pastoralism activities (French-Italian Alps). *Geoderma*, **2017**, 306, 217-236	6.7	22
201	Evaluating the impact of domestication and captivity on the horse gut microbiome. *Scientific Reports*, **2017**, 7, 15497	4.9	64
200	6-kyr record of flood frequency and intensity in the western Mediterranean Alps Interplay of solar and temperature forcing. *Quaternary Science Reviews*, **2017**, 170, 121-135	3.9	36
199	Microrefugia, Climate Change, and Conservation of Cedrus atlantica in the Rif Mountains, Morocco. *Frontiers in Ecology and Evolution*, **2017**, 5,	3.7	35
198	obitools: a unix-inspired software package for DNA metabarcoding. *Molecular Ecology Resources*, **2016**, 16, 176-82	8.4	451
197	Using metabarcoding to reveal and quantify plant-pollinator interactions. *Scientific Reports*, **2016**, 6, 27282	4.9	84
196	Inferring neutral biodiversity parameters using environmental DNA data sets. *Scientific Reports*, **2016**, 6, 35644	4.9	13
195	Understanding the evolution of holoparasitic plants: the complete plastid genome of the holoparasite Cytinus hypocistis (Cytinaceae). *Annals of Botany*, **2016**, 118, 885-896	4.1	33
194	Extracellular DNA extraction is a fast, cheap and reliable alternative for multi-taxa surveys based on soil DNA. *Soil Biology and Biochemistry*, **2016**, 96, 16-19	7.5	45
193	Detection of Invasive Mosquito Vectors Using Environmental DNA (eDNA) from Water Samples. *PLoS ONE*, **2016**, 11, e0162493	3.7	46

192	Testing the potential of a ribosomal 16S marker for DNA metabarcoding of insects. *PeerJ*, **2016**, 4, e1966	3.1	76
191	Spatio-temporal monitoring of deep-sea communities using metabarcoding of sediment DNA and RNA. *PeerJ*, **2016**, 4, e2807	3.1	64
190	Spatial Representativeness of Environmental DNA Metabarcoding Signal for Fish Biodiversity Assessment in a Natural Freshwater System. *PLoS ONE*, **2016**, 11, e0157366	3.7	106
189	Oral Samples as Non-Invasive Proxies for Assessing the Composition of the Rumen Microbial Community. *PLoS ONE*, **2016**, 11, e0151220	3.7	41
188	The ecologist's field guide to sequence-based identification of biodiversity. *Methods in Ecology and Evolution*, **2016**, 7, 1008-1018	7.7	202
187	Critical considerations for the application of environmental DNA methods to detect aquatic species. *Methods in Ecology and Evolution*, **2016**, 7, 1299-1307	7.7	441
186	Next-generation monitoring of aquatic biodiversity using environmental DNA metabarcoding. *Molecular Ecology*, **2016**, 25, 929-42	5.7	526
185	From barcodes to genomes: extending the concept of DNA barcoding. *Molecular Ecology*, **2016**, 25, 1423-8	5.7	199
184	Decades of population genetic research reveal the need for harmonization of molecular markers: the grey wolf Canis lupus as a case study. *Mammal Review*, **2016**, 46, 44-59	5	34
183	Upscaling the niche variation hypothesis from the intra- to the inter-specific level. *Oecologia*, **2015**, 179, 835-42	2.9	24
182	Reconstructing long-term human impacts on plant communities: an ecological approach based on lake sediment DNA. *Molecular Ecology*, **2015**, 24, 1485-98	5.7	70
181	Long-lasting modification of soil fungal diversity associated with the introduction of rabbits to a remote sub-Antarctic archipelago. *Biology Letters*, **2015**, 11, 20150408	3.6	13
180	Replication levels, false presences and the estimation of the presence/absence from eDNA metabarcoding data. *Molecular Ecology Resources*, **2015**, 15, 543-56	8.4	352
179	Forest without prey: livestock sustain a leopard Panthera pardus population in Pakistan. *Oryx*, **2015**, 49, 248-253	1.5	42
178	Metagenome skimming for phylogenetic community ecology: a new era in biodiversity research. *Molecular Ecology*, **2015**, 24, 3515-7	5.7	18
177	Whole mitochondrial genomes unveil the impact of domestication on goat matrilineal variability. *BMC Genomics*, **2015**, 16, 1115	4.5	45
176	Characterizing neutral genomic diversity and selection signatures in indigenous populations of Moroccan goats (Capra hircus) using WGS data. *Frontiers in Genetics*, **2015**, 6, 107	4.5	55
175	Highly overlapping winter diet in two sympatric lemming species revealed by DNA metabarcoding. *PLoS ONE*, **2015**, 10, e0115335	3.7	79

174	Landscape-scale distribution patterns of earthworms inferred from soil DNA. *Soil Biology and Biochemistry*, **2015**, 83, 100-105	7.5	21
173	Deep-Sea, Deep-Sequencing: Metabarcoding Extracellular DNA from Sediments of Marine Canyons. *PLoS ONE*, **2015**, 10, e0139633	3.7	94
172	Long livestock farming history and human landscape shaping revealed by lake sediment DNA. *Nature Communications*, **2014**, 5, 3211	17.4	170
171	Fifty thousand years of Arctic vegetation and megafaunal diet. *Nature*, **2014**, 506, 47-51	50.4	351
170	Do Scandinavian brown bears approach settlements to obtain high-quality food?. *Biological Conservation*, **2014**, 178, 128-135	6.2	66
169	DNA metabarcoding and the cytochrome c oxidase subunit I marker: not a perfect match. *Biology Letters*, **2014**, 10,	3.6	310
168	Effect of DNA extraction and sample preservation method on rumen bacterial population. *Anaerobe*, **2014**, 29, 80-4	2.8	52
167	No evidence for the effect of MHC on male mating success in the brown bear. *PLoS ONE*, **2014**, 9, e113414	3.7	8
166	Fast and efficient DNA-based method for winter diet analysis from stools of three cervids: moose, red deer, and roe deer. *Acta Theriologica*, **2013**, 58, 379-386		22
165	Genetic roadmap of the Arctic: plant dispersal highways, traffic barriers and capitals of diversity. *New Phytologist*, **2013**, 200, 898-910	9.8	104
164	Plant functional traits reveal the relative contribution of habitat and food preferences to the diet of grasshoppers. *Oecologia*, **2013**, 173, 1459-70	2.9	59
163	An outlier locus relevant in habitat-mediated selection in an alpine plant across independent regional replicates. *Evolutionary Ecology*, **2013**, 27, 285-300	1.8	11
162	Fungal palaeodiversity revealed using high-throughput metabarcoding of ancient DNA from arctic permafrost. *Environmental Microbiology*, **2013**, 15, 1176-89	5.2	93
161	Unveiling the diet of elusive rainforest herbivores in next generation sequencing era? The tapir as a case study. *PLoS ONE*, **2013**, 8, e60799	3.7	48
160	A DNA metabarcoding study of a primate dietary diversity and plasticity across its entire fragmented range. *PLoS ONE*, **2013**, 8, e58971	3.7	66
159	Improved detection of an alien invasive species through environmental DNA barcoding: the example of the American bullfrog Lithobates catesbeianus. *Journal of Applied Ecology*, **2012**, 49, 953-959	5.8	343
158	A universal method for the detection and identification of Aphidiinae parasitoids within their aphid hosts. *Molecular Ecology Resources*, **2012**, 12, 634-45	8.4	29
157	Molecular tools and analytical approaches for the characterization of farm animal genetic diversity. *Animal Genetics*, **2012**, 43, 483-502	2.5	82

156	Islands in the ice: detecting past vegetation on Greenlandic nunataks using historical records and sedimentary ancient DNA meta-barcoding. *Molecular Ecology*, **2012**, 21, 1980-8	5.7	54
155	A comparative study of ancient sedimentary DNA, pollen and macrofossils from permafrost sediments of northern Siberia reveals long-term vegetational stability. *Molecular Ecology*, **2012**, 21, 1989-2003	5.7	103
154	Soil sampling and isolation of extracellular DNA from large amount of starting material suitable for metabarcoding studies. *Molecular Ecology*, **2012**, 21, 1816-20	5.7	166
153	AFLP markers reveal high clonal diversity and extreme longevity in four key arctic-alpine species. *Molecular Ecology*, **2012**, 21, 1081-97	5.7	63
152	Who is eating what: diet assessment using next generation sequencing. *Molecular Ecology*, **2012**, 21, 1931-50	5.7	689
151	Tracking earthworm communities from soil DNA. *Molecular Ecology*, **2012**, 21, 2017-30	5.7	80
150	Carnivore diet analysis based on next-generation sequencing: application to the leopard cat (Prionailurus bengalensis) in Pakistan. *Molecular Ecology*, **2012**, 21, 1951-65	5.7	183
149	Towards next-generation biodiversity assessment using DNA metabarcoding. *Molecular Ecology*, **2012**, 21, 2045-50	5.7	856
148	New environmental metabarcodes for analysing soil DNA: potential for studying past and present ecosystems. *Molecular Ecology*, **2012**, 21, 1821-33	5.7	166
147	Forecasting changes in population genetic structure of alpine plants in response to global warming. *Molecular Ecology*, **2012**, 21, 2354-68	5.7	102
146	DNA from soil mirrors plant taxonomic and growth form diversity. *Molecular Ecology*, **2012**, 21, 3647-55	5.7	170
145	Broad-scale adaptive genetic variation in alpine plants is driven by temperature and precipitation. *Molecular Ecology*, **2012**, 21, 3729-38	5.7	113
144	Genetic diversity in widespread species is not congruent with species richness in alpine plant communities. *Ecology Letters*, **2012**, 15, 1439-48	10	108
143	Evolution of major histocompatibility complex class I and class II genes in the brown bear. *BMC Evolutionary Biology*, **2012**, 12, 197	3	55
142	Glacial survival of boreal trees in northern Scandinavia. *Science*, **2012**, 335, 1083-6	33.3	239
141	Genetic consequences of climate change for northern plants. *Proceedings of the Royal Society B: Biological Sciences*, **2012**, 279, 2042-51	4.4	124
140	Major histocompatibility complex class II compatibility, but not class I, predicts mate choice in a bird with highly developed olfaction. *Proceedings of the Royal Society B: Biological Sciences*, **2012**, 279, 4457-63	4.4	69
139	Assessment of the food habits of the Moroccan dorcas gazelle in M'Sabih Talaa, west central Morocco, using the trnL approach. *PLoS ONE*, **2012**, 7, e35643	3.7	41

138	Two methods to easily obtain nucleotide sequences from AFLP loci of interest. *Methods in Molecular Biology*, **2012**, 888, 91-108	1.4	6
137	A dig into the past mitochondrial diversity of Corsican goats reveals the influence of secular herding practices. *PLoS ONE*, **2012**, 7, e30272	3.7	9
136	Prey preference of snow leopard (Panthera uncia) in South Gobi, Mongolia. *PLoS ONE*, **2012**, 7, e32104	3.7	92
135	Who is who in litter decomposition? Metaproteomics reveals major microbial players and their biogeochemical functions. *ISME Journal*, **2012**, 6, 1749-62	11.9	421
134	Conservation genetics of cattle, sheep, and goats. *Comptes Rendus - Biologies*, **2011**, 334, 247-54	1.4	87
133	Influence of management practices on large herbivore diet□case of European bison in Bia□owie□ Primeval Forest (Poland). *Forest Ecology and Management*, **2011**, 261, 821-828	3.9	139
132	Break zones in the distributions of alleles and species in alpine plants. *Journal of Biogeography*, **2011**, 38, 772-782	4.1	65
131	Genetics and conservation of European brown bears Ursus arctos. *Mammal Review*, **2011**, 41, 87-98	5	83
130	Mitochondrial DNA polymorphism in Moroccan goats. *Small Ruminant Research*, **2011**, 98, 201-205	1.7	11
129	New insights on diet variability revealed by DNA barcoding and high-throughput pyrosequencing: chamois diet in autumn as a case study. *Ecological Research*, **2011**, 26, 265-276	1.9	59
128	Promoting collaboration between livestock and wildlife conservation genetics communities. *Conservation Genetics Resources*, **2011**, 3, 785-788	0.8	6
127	Estimating population size and trends of the Swedish brown bear Ursus arctos population. *Wildlife Biology*, **2011**, 17, 114-123	1.7	132
126	ecoPrimers: inference of new DNA barcode markers from whole genome sequence analysis. *Nucleic Acids Research*, **2011**, 39, e145	20.1	255
125	Persistence of environmental DNA in freshwater ecosystems. *PLoS ONE*, **2011**, 6, e23398	3.7	353
124	Importance of accounting for detection heterogeneity when estimating abundance: the case of French wolves. *Conservation Biology*, **2010**, 24, 621-6	6	82
123	Tracking genes of ecological relevance using a genome scan in two independent regional population samples of Arabis alpina. *Molecular Ecology*, **2010**, 19, 2896-907	5.7	119
122	Nuclear and mitochondrial phylogenies provide evidence for four species of Eurasian badgers (Carnivora). *Zoologica Scripta*, **2010**, 39, 415-425	2.5	32
121	DNA Barcoding for Honey Biodiversity. *Diversity*, **2010**, 2, 610-617	2.5	75

120	Using next-generation sequencing for molecular reconstruction of past Arctic vegetation and climate. *Molecular Ecology Resources*, **2010**, 10, 1009-18	8.4	141
119	Selection criteria for scoring amplified fragment length polymorphisms (AFLPs) positively affect the reliability of population genetic parameter estimates. *Genome*, **2010**, 53, 302-10	2.4	39
118	ITS as an environmental DNA barcode for fungi: an in silico approach reveals potential PCR biases. *BMC Microbiology*, **2010**, 10, 189	4.5	576
117	Applications of landscape genetics in conservation biology: concepts and challenges. *Conservation Genetics*, **2010**, 11, 375-385	2.6	285
116	An in silico approach for the evaluation of DNA barcodes. *BMC Genomics*, **2010**, 11, 434	4.5	272
115	Evolution and taxonomy of the wild species of the genus Ovis (Mammalia, Artiodactyla, Bovidae). *Molecular Phylogenetics and Evolution*, **2010**, 54, 315-26	4.1	87
114	A system for sex determination from degraded DNA: a useful tool for palaeogenetics and conservation genetics of ursids. *Conservation Genetics*, **2009**, 10, 897-907	2.6	23
113	Analysing diet of small herbivores: the efficiency of DNA barcoding coupled with high-throughput pyrosequencing for deciphering the composition of complex plant mixtures. *Frontiers in Zoology*, **2009**, 6, 16	2.8	191
112	Genetic diversity of European cattle breeds highlights the conservation value of traditional unselected breeds with high effective population size. *Molecular Ecology*, **2009**, 18, 3394-410	5.7	66
111	History or ecology? Substrate type as a major driver of spatial genetic structure in Alpine plants. *Ecology Letters*, **2009**, 12, 632-40	10	148
110	Effects of species traits on the genetic diversity of high-mountain plants: a multi-species study across the Alps and the Carpathians. *Global Ecology and Biogeography*, **2009**, 18, 78-87	6.1	53
109	Combining genetic and ecological data to assess the conservation status of the endangered Ethiopian walia ibex. *Animal Conservation*, **2009**, 12, 89-100	3.2	51
108	Frontiers in identifying conservation units: from neutral markers to adaptive genetic variation. *Animal Conservation*, **2009**, 12, 107-109	3.2	37
107	DNA barcoding for ecologists. *Trends in Ecology and Evolution*, **2009**, 24, 110-7	10.9	630
106	Universal DNA-based methods for assessing the diet of grazing livestock and wildlife from feces. *Journal of Agricultural and Food Chemistry*, **2009**, 57, 5700-6	5.7	74
105	New perspectives in diet analysis based on DNA barcoding and parallel pyrosequencing: the trnL approach. *Molecular Ecology Resources*, **2009**, 9, 51-60	8.4	298
104	New generation sequencers as a tool for genotyping of highly polymorphic multilocus MHC system. *Molecular Ecology Resources*, **2009**, 9, 713-9	8.4	123
103	No positive correlation between species and genetic diversity in European alpine grasslands dominated by Carex curvula. *Diversity and Distributions*, **2008**, 14, 852-861	5	32

102	Are cattle, sheep, and goats endangered species?. *Molecular Ecology*, **2008**, 17, 275-84	5.7	168
101	Low Genotyping Error Rates and Noninvasive Sampling in Bighorn Sheep. *Journal of Wildlife Management*, **2008**, 72, 299-304	1.9	27
100	Species detection using environmental DNA from water samples. *Biology Letters*, **2008**, 4, 423-5	3.6	828
99	Relationships among levels of biodiversity and the relevance of intraspecific diversity in conservation a project synopsis. *Perspectives in Plant Ecology, Evolution and Systematics*, **2008**, 10, 259-281	3	65
98	Distinguishing dung from blue, red and yellow-backed duikers through noninvasive genetic techniques. *African Journal of Ecology*, **2008**, 46, 411-417	0.8	35
97	The goat domestication process inferred from large-scale mitochondrial DNA analysis of wild and domestic individuals. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 17659-64	11.5	199
96	Land ahead: using genome scans to identify molecular markers of adaptive relevance. *Plant Ecology and Diversity*, **2008**, 1, 273-283	2.2	67
95	Exonuclease activity of proofreading DNA polymerases is at the origin of artifacts in molecular profiling studies. *Electrophoresis*, **2008**, 29, 2437-44	3.6	12
94	Ancient biomolecules from deep ice cores reveal a forested southern Greenland. *Science*, **2007**, 317, 111-4	33.3	319
93	Large-scale mitochondrial DNA analysis of the domestic goat reveals six haplogroups with high diversity. *PLoS ONE*, **2007**, 2, e1012	3.7	145
92	Phylogeography and conservation genetics of a giant lobelia (Lobelia giberroa) in Ethiopian and Tropical East African mountains. *Molecular Ecology*, **2007**, 16, 1233-43	5.7	66
91	From the Apennines to the Alps: colonization genetics of the naturally expanding Italian wolf (Canis lupus) population. *Molecular Ecology*, **2007**, 16, 1661-71	5.7	119
90	A new individual-based spatial approach for identifying genetic discontinuities in natural populations. *Molecular Ecology*, **2007**, 16, 2031-43	5.7	64
89	Genetic estimates of annual reproductive success in male brown bears: the effects of body size, age, internal relatedness and population density. *Journal of Animal Ecology*, **2007**, 76, 368-75	4.7	104
88	Genetic structure of Hypochaeris uniflora (Asteraceae) suggests vicariance in the Carpathians and rapid post-glacial colonization of the Alps from an eastern Alpine refugium. *Journal of Biogeography*, **2007**, 34, 2100-2114	4.1	85
87	Population adaptive index: a new method to help measure intraspecific genetic diversity and prioritize populations for conservation. *Conservation Biology*, **2007**, 21, 697-708	6	161
86	Improvements of polymerase chain reaction and capillary electrophoresis single-strand conformation polymorphism methods in microbial ecology: toward a high-throughput method for microbial diversity studies in soil. *Microbial Ecology*, **2007**, 54, 203-16	4.4	34
85	Phylogeography of the capercaillie in Eurasia: what is the conservation status in the Pyrenees and Cantabrian Mounts?. *Conservation Genetics*, **2007**, 8, 513-526	2.6	40

84	Frequent long-distance plant colonization in the changing Arctic. *Science*, **2007**, 316, 1606-9	33.3	273
83	Genetic tracking of the brown bear in northern Pakistan and implications for conservation. *Biological Conservation*, **2007**, 134, 537-547	6.2	44
82	Power and limitations of the chloroplast trnL (UAA) intron for plant DNA barcoding. *Nucleic Acids Research*, **2007**, 35, e14	20.1	603
81	Integrating Population Genetics with Landscape Ecology to Infer Spatio-temporal Processes. *Landscape Series*, **2007**, 145-156	0.2	7
80	The dilemma of female mate selection in the brown bear, a species with sexually selected infanticide. *Proceedings of the Royal Society B: Biological Sciences*, **2006**, 273, 283-91	4.4	85
79	Authenticated DNA from ancient wood remains. *Annals of Botany*, **2006**, 98, 1107-11	4.1	38
78	The origin of European cattle: evidence from modern and ancient DNA. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 8113-8	11.5	229
77	Divergent mtDNA lineages of goats in an Early Neolithic site, far from the initial domestication areas. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 15375-9	11.5	97
76	Explorative genome scan to detect candidate loci for adaptation along a gradient of altitude in the common frog (Rana temporaria). *Molecular Biology and Evolution*, **2006**, 23, 773-83	8.3	261
75	An evaluation of field and non-invasive genetic methods to estimate brown bear (Ursus arctos) population size. *Biological Conservation*, **2006**, 128, 158-168	6.2	162
74	Mating Strategies in Relation to Sexually Selected Infanticide in a Non-Social Carnivore: the Brown Bear. *Ethology*, **2006**, 112, 238-246	1.7	111
73	Sequencing primers and SNPs for rapidly evolving reproductive loci in endangered ibex and their kin (Bovidae, Capra spp.). *Molecular Ecology Notes*, **2006**, 6, 776-779		2
72	Evolutionary history of the genus Capra (Mammalia, Artiodactyla): discordance between mitochondrial DNA and Y-chromosome phylogenies. *Molecular Phylogenetics and Evolution*, **2006**, 40, 739-49	4.1	88
71	The declining Spadefoot toad, Pelobates fuscus (Pelobatidae): paleo and recent environmental changes as a major influence on current population structure and status. *Conservation Genetics*, **2006**, 7, 185-195	2.6	18
70	Use of amplified fragment length polymorphism (AFLP) markers in surveys of vertebrate diversity. *Methods in Enzymology*, **2005**, 395, 145-61	1.7	34
69	Estimating Population Size of Elusive Animals with DNA from Hunter-Collected Feces: Four Methods for Brown Bears. *Conservation Biology*, **2005**, 19, 150-161	6	248
68	Phylogeographical footprints of the Strait of Gibraltar and Quaternary climatic fluctuations in the western Mediterranean: a case study with the greater white-toothed shrew, Crocidura russula (Mammalia: Soricidae). *Molecular Ecology*, **2005**, 14, 1151-62	5.7	113
67	Genotyping errors: causes, consequences and solutions. *Nature Reviews Genetics*, **2005**, 6, 847-59	30.1	841

66	How to track and assess genotyping errors in population genetics studies. *Molecular Ecology*, **2004**, 13, 3261-73	5.7	1098
65	Twenty polymorphic microsatellites in two of North Africa's most threatened ungulates: Gazella dorcas and Ammotragus lervia (Bovidae; Artiodactyla). *Molecular Ecology Notes*, **2004**, 4, 452-455		18
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