

# Pierre Taberlet

## List of Publications by Citations

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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	Universal primers for amplification of three non-coding regions of chloroplast DNA. <i>Plant Molecular Biology</i> , <b>1991</b> , 17, 1105-9	4.6	4179
244	Comparative phylogeography and postglacial colonization routes in Europe. <i>Molecular Ecology</i> , <b>1998</b> , 7, 453-64	5.7	2319
243	Landscape genetics: combining landscape ecology and population genetics. <i>Trends in Ecology and Evolution</i> , <b>2003</b> , 18, 189-197	10.9	1626
242	How to track and assess genotyping errors in population genetics studies. <i>Molecular Ecology</i> , <b>2004</b> , 13, 3261-73	5.7	1098
241	Reliable genotyping of samples with very low DNA quantities using PCR. <i>Nucleic Acids Research</i> , <b>1996</b> , 24, 3189-94	20.1	1011
240	Estimating the probability of identity among genotypes in natural populations: cautions and guidelines. <i>Molecular Ecology</i> , <b>2001</b> , 10, 249-56	5.7	961
239	The power and promise of population genomics: from genotyping to genome typing. <i>Nature Reviews Genetics</i> , <b>2003</b> , 4, 981-94	30.1	923
238	Towards next-generation biodiversity assessment using DNA metabarcoding. <i>Molecular Ecology</i> , <b>2012</b> , 21, 2045-50	5.7	856
237	Genotyping errors: causes, consequences and solutions. <i>Nature Reviews Genetics</i> , <b>2005</b> , 6, 847-59	30.1	841
236	Species detection using environmental DNA from water samples. <i>Biology Letters</i> , <b>2008</b> , 4, 423-5	3.6	828
235	Who is eating what: diet assessment using next generation sequencing. <i>Molecular Ecology</i> , <b>2012</b> , 21, 1931-50	5.7	689
234	Noninvasive genetic sampling: look before you leap. <i>Trends in Ecology and Evolution</i> , <b>1999</b> , 14, 323-327	10.9	672
233	DNA barcoding for ecologists. <i>Trends in Ecology and Evolution</i> , <b>2009</b> , 24, 110-7	10.9	630
232	Power and limitations of the chloroplast trnL (UAA) intron for plant DNA barcoding. <i>Nucleic Acids Research</i> , <b>2007</b> , 35, e14	20.1	603
231	ITS as an environmental DNA barcode for fungi: an in silico approach reveals potential PCR biases. <i>BMC Microbiology</i> , <b>2010</b> , 10, 189	4.5	576
230	Next-generation monitoring of aquatic biodiversity using environmental DNA metabarcoding. <i>Molecular Ecology</i> , <b>2016</b> , 25, 929-42	5.7	526
229	obitools: a unix-inspired software package for DNA metabarcoding. <i>Molecular Ecology Resources</i> , <b>2016</b> , 16, 176-82	8.4	451

228	Critical considerations for the application of environmental DNA methods to detect aquatic species. <i>Methods in Ecology and Evolution</i> , <b>2016</b> , 7, 1299-1307	7.7	441
227	Who is who in litter decomposition? Metaproteomics reveals major microbial players and their biogeochemical functions. <i>ISME Journal</i> , <b>2012</b> , 6, 1749-62	11.9	421
226	Non-invasive genetic sampling and individual identification. <i>Biological Journal of the Linnean Society</i> , <b>1999</b> , 68, 41-55	1.9	372
225	Persistence of environmental DNA in freshwater ecosystems. <i>PLoS ONE</i> , <b>2011</b> , 6, e23398	3.7	353
224	Replication levels, false presences and the estimation of the presence/absence from eDNA metabarcoding data. <i>Molecular Ecology Resources</i> , <b>2015</b> , 15, 543-56	8.4	352
223	Fifty thousand years of Arctic vegetation and megafaunal diet. <i>Nature</i> , <b>2014</b> , 506, 47-51	50.4	351
222	Multiple maternal origins and weak phylogeographic structure in domestic goats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2001</b> , 98, 5927-32	11.5	348
221	Improved detection of an alien invasive species through environmental DNA barcoding: the example of the American bullfrog <i>Lithobates catesbeianus</i> . <i>Journal of Applied Ecology</i> , <b>2012</b> , 49, 953-959 <sup>5.8</sup>		343
220	Ancient biomolecules from deep ice cores reveal a forested southern Greenland. <i>Science</i> , <b>2007</b> , 317, 111-4	33.3	319
219	DNA metabarcoding and the cytochrome c oxidase subunit I marker: not a perfect match. <i>Biology Letters</i> , <b>2014</b> , 10,	3.6	310
218	New perspectives in diet analysis based on DNA barcoding and parallel pyrosequencing: the trnL approach. <i>Molecular Ecology Resources</i> , <b>2009</b> , 9, 51-60	8.4	298
217	Applications of landscape genetics in conservation biology: concepts and challenges. <i>Conservation Genetics</i> , <b>2010</b> , 11, 375-385	2.6	285
216	Frequent long-distance plant colonization in the changing Arctic. <i>Science</i> , <b>2007</b> , 316, 1606-9	33.3	273
215	An in silico approach for the evaluation of DNA barcodes. <i>BMC Genomics</i> , <b>2010</b> , 11, 434	4.5	272
214	Explorative genome scan to detect candidate loci for adaptation along a gradient of altitude in the common frog ( <i>Rana temporaria</i> ). <i>Molecular Biology and Evolution</i> , <b>2006</b> , 23, 773-83	8.3	261
213	ecoPrimers: inference of new DNA barcode markers from whole genome sequence analysis. <i>Nucleic Acids Research</i> , <b>2011</b> , 39, e145	20.1	255
212	Estimating Population Size of Elusive Animals with DNA from Hunter-Collected Feces: Four Methods for Brown Bears. <i>Conservation Biology</i> , <b>2005</b> , 19, 150-161	6	248
211	Environmental DNA <b>2018</b> ,		246

210	Glacial survival of boreal trees in northern Scandinavia. <i>Science</i> , <b>2012</b> , 335, 1083-6	33.3	239
209	The origin of European cattle: evidence from modern and ancient DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 8113-8	11.5	229
208	The ecologist's field guide to sequence-based identification of biodiversity. <i>Methods in Ecology and Evolution</i> , <b>2016</b> , 7, 1008-1018	7.7	202
207	The goat domestication process inferred from large-scale mitochondrial DNA analysis of wild and domestic individuals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 17659-64	11.5	199
206	From barcodes to genomes: extending the concept of DNA barcoding. <i>Molecular Ecology</i> , <b>2016</b> , 25, 1423-8	5.7	199
205	Ecology. Quaternary refugia and persistence of biodiversity. <i>Science</i> , <b>2002</b> , 297, 2009-10	33.3	192
204	Analysing diet of small herbivores: the efficiency of DNA barcoding coupled with high-throughput pyrosequencing for deciphering the composition of complex plant mixtures. <i>Frontiers in Zoology</i> , <b>2009</b> , 6, 16	2.8	191
203	Nuclear DNA microsatellite analysis of genetic diversity and gene flow in the Scandinavian brown bear ( <i>Ursus arctos</i> ). <i>Molecular Ecology</i> , <b>2000</b> , 9, 421-31	5.7	184
202	Carnivore diet analysis based on next-generation sequencing: application to the leopard cat ( <i>Prionailurus bengalensis</i> ) in Pakistan. <i>Molecular Ecology</i> , <b>2012</b> , 21, 1951-65	5.7	183
201	Origin and evolution of homologous repeated sequences in the mitochondrial DNA control region of shrews. <i>Molecular Biology and Evolution</i> , <b>1996</b> , 13, 31-46	8.3	174
200	Plucked hair samples as a source of DNA: reliability of dinucleotide microsatellite genotyping. <i>Molecular Ecology</i> , <b>1998</b> , 7, 1237-41	5.7	173
199	Long livestock farming history and human landscape shaping revealed by lake sediment DNA. <i>Nature Communications</i> , <b>2014</b> , 5, 3211	17.4	170
198	DNA from soil mirrors plant taxonomic and growth form diversity. <i>Molecular Ecology</i> , <b>2012</b> , 21, 3647-55	5.7	170
197	Are cattle, sheep, and goats endangered species?. <i>Molecular Ecology</i> , <b>2008</b> , 17, 275-84	5.7	168
196	Soil sampling and isolation of extracellular DNA from large amount of starting material suitable for metabarcoding studies. <i>Molecular Ecology</i> , <b>2012</b> , 21, 1816-20	5.7	166
195	New environmental metabarcodes for analysing soil DNA: potential for studying past and present ecosystems. <i>Molecular Ecology</i> , <b>2012</b> , 21, 1821-33	5.7	166
194	An evaluation of field and non-invasive genetic methods to estimate brown bear ( <i>Ursus arctos</i> ) population size. <i>Biological Conservation</i> , <b>2006</b> , 128, 158-168	6.2	162
193	Population adaptive index: a new method to help measure intraspecific genetic diversity and prioritize populations for conservation. <i>Conservation Biology</i> , <b>2007</b> , 21, 697-708	6	161

192	African origins of the domestic donkey. <i>Science</i> , <b>2004</b> , 304, 1781	33.3	155
191	History or ecology? Substrate type as a major driver of spatial genetic structure in Alpine plants. <i>Ecology Letters</i> , <b>2009</b> , 12, 632-40	10	148
190	Large-scale mitochondrial DNA analysis of the domestic goat reveals six haplogroups with high diversity. <i>PLoS ONE</i> , <b>2007</b> , 2, e1012	3.7	145
189	Using next-generation sequencing for molecular reconstruction of past Arctic vegetation and climate. <i>Molecular Ecology Resources</i> , <b>2010</b> , 10, 1009-18	8.4	141
188	Long-distance wolf recolonization of France and Switzerland inferred from non-invasive genetic sampling over a period of 10 years. <i>Animal Conservation</i> , <b>2003</b> , 6, 83-92	3.2	141
187	Ancient DNA analysis reveals divergence of the cave bear, <i>Ursus spelaeus</i> , and brown bear, <i>Ursus arctos</i> , lineages. <i>Current Biology</i> , <b>2001</b> , 11, 200-3	6.3	141
186	Influence of management practices on large herbivore diet case of European bison in BiaÅwiewieÅ Primeval Forest (Poland). <i>Forest Ecology and Management</i> , <b>2011</b> , 261, 821-828	3.9	139
185	Using AFLP to resolve phylogenetic relationships in a morphologically diversified plant species complex when nuclear and chloroplast sequences fail to reveal variability. <i>Molecular Phylogenetics and Evolution</i> , <b>2003</b> , 27, 185-96	4.1	138
184	Extra-pair paternity in the monogamous Alpine marmot revealed by nuclear DNA microsatellite analysis. <i>Behavioral Ecology and Sociobiology</i> , <b>1998</b> , 43, 281-288	2.5	137
183	Estimating population size and trends of the Swedish brown bear <i>Ursus arctos</i> population. <i>Wildlife Biology</i> , <b>2011</b> , 17, 114-123	1.7	132
182	Clonal diversity in a <i>Rhododendron ferrugineum</i> L. (Ericaceae) population inferred from AFLP markers. <i>Molecular Ecology</i> , <b>1998</b> , 7, 975-982	5.7	127
181	Genetic consequences of climate change for northern plants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2012</b> , 279, 2042-51	4.4	124
180	New generation sequencers as a tool for genotyping of highly polymorphic multilocus MHC system. <i>Molecular Ecology Resources</i> , <b>2009</b> , 9, 713-9	8.4	123
179	Molecular phylogeny and evolution of Sorex shrews (Soricidae: insectivora) inferred from mitochondrial DNA sequence data. <i>Molecular Phylogenetics and Evolution</i> , <b>1999</b> , 11, 222-35	4.1	121
178	Tracking genes of ecological relevance using a genome scan in two independent regional population samples of <i>Arabis alpina</i> . <i>Molecular Ecology</i> , <b>2010</b> , 19, 2896-907	5.7	119
177	From the Apennines to the Alps: colonization genetics of the naturally expanding Italian wolf ( <i>Canis lupus</i> ) population. <i>Molecular Ecology</i> , <b>2007</b> , 16, 1661-71	5.7	119
176	Localization of a Contact Zone between Two Highly Divergent Mitochondrial DNA Lineages of the Brown Bear <i>Ursus arctos</i> in Scandinavia. <i>Conservation Biology</i> , <b>1995</b> , 9, 1255-1261	6	118
175	Broad-scale adaptive genetic variation in alpine plants is driven by temperature and precipitation. <i>Molecular Ecology</i> , <b>2012</b> , 21, 3729-38	5.7	113

174	Phylogeographical footprints of the Strait of Gibraltar and Quaternary climatic fluctuations in the western Mediterranean: a case study with the greater white-toothed shrew, <i>Crocidura russula</i> (Mammalia: Soricidae). <i>Molecular Ecology</i> , <b>2005</b> , 14, 1151-62	5.7	113
173	Convergent genomic signatures of domestication in sheep and goats. <i>Nature Communications</i> , <b>2018</b> , 9, 813	17.4	112
172	Mating Strategies in Relation to Sexually Selected Infanticide in a Non-Social Carnivore: the Brown Bear. <i>Ethology</i> , <b>2006</b> , 112, 238-246	1.7	111
171	Genetic diversity in widespread species is not congruent with species richness in alpine plant communities. <i>Ecology Letters</i> , <b>2012</b> , 15, 1439-48	10	108
170	Spatial Representativeness of Environmental DNA Metabarcoding Signal for Fish Biodiversity Assessment in a Natural Freshwater System. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157366	3.7	106
169	Genetic roadmap of the Arctic: plant dispersal highways, traffic barriers and capitals of diversity. <i>New Phytologist</i> , <b>2013</b> , 200, 898-910	9.8	104
168	Genetic estimates of annual reproductive success in male brown bears: the effects of body size, age, internal relatedness and population density. <i>Journal of Animal Ecology</i> , <b>2007</b> , 76, 368-75	4.7	104
167	A comparative study of ancient sedimentary DNA, pollen and macrofossils from permafrost sediments of northern Siberia reveals long-term vegetational stability. <i>Molecular Ecology</i> , <b>2012</b> , 21, 1989-2003 <sup>5.7</sup> <sup>103</sup>	5.7	103
166	Forecasting changes in population genetic structure of alpine plants in response to global warming. <i>Molecular Ecology</i> , <b>2012</b> , 21, 2354-68	5.7	102
165	DNAqua-Net: Developing new genetic tools for bioassessment and monitoring of aquatic ecosystems in Europe. <i>Research Ideas and Outcomes</i> , 2, e11321	2.5	102
164	Genetic diversity and assignment tests among seven French cattle breeds based on microsatellite DNA analysis. <i>Journal of Animal Science</i> , <b>2002</b> , 80, 942-50	0.7	99
163	Divergent mtDNA lineages of goats in an Early Neolithic site, far from the initial domestication areas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 15375-9 <sup>11.5</sup> 97	11.5	97
162	Deep-Sea, Deep-Sequencing: Metabarcoding Extracellular DNA from Sediments of Marine Canyons. <i>PLoS ONE</i> , <b>2015</b> , 10, e0139633	3.7	94
161	Fungal palaeodiversity revealed using high-throughput metabarcoding of ancient DNA from arctic permafrost. <i>Environmental Microbiology</i> , <b>2013</b> , 15, 1176-89	5.2	93
160	Prey preference of snow leopard ( <i>Panthera uncia</i> ) in South Gobi, Mongolia. <i>PLoS ONE</i> , <b>2012</b> , 7, e32104	3.7	92
159	Bear conservation genetics. <i>Nature</i> , <b>1992</b> , 358, 197	50.4	90
158	Environmental DNA Time Series in Ecology. <i>Trends in Ecology and Evolution</i> , <b>2018</b> , 33, 945-957	10.9	90
157	A Multiplex Pre-Amplification Method that Significantly Improves Microsatellite Amplification and Error Rates for Faecal DNA in Limiting Conditions. <i>Conservation Genetics</i> , <b>2004</b> , 5, 417-420	2.6	89

156	Sexing free-ranging brown bears <i>Ursus arctos</i> using hairs found in the field. <i>Molecular Ecology</i> , <b>1993</b> , 2, 399-403	5.7	89
155	Evolutionary history of the genus <i>Capra</i> (Mammalia, Artiodactyla): discordance between mitochondrial DNA and Y-chromosome phylogenies. <i>Molecular Phylogenetics and Evolution</i> , <b>2006</b> , 40, 739-49	4.1	88
154	A heritable subset of the core rumen microbiome dictates dairy cow productivity and emissions. <i>Science Advances</i> , <b>2019</b> , 5, eaav8391	14.3	87
153	Conservation genetics of cattle, sheep, and goats. <i>Comptes Rendus - Biologies</i> , <b>2011</b> , 334, 247-54	1.4	87
152	Evolution and taxonomy of the wild species of the genus <i>Ovis</i> (Mammalia, Artiodactyla, Bovidae). <i>Molecular Phylogenetics and Evolution</i> , <b>2010</b> , 54, 315-26	4.1	87
151	Genetic structure of <i>Hypochaeris uniflora</i> (Asteraceae) suggests vicariance in the Carpathians and rapid post-glacial colonization of the Alps from an eastern Alpine refugium. <i>Journal of Biogeography</i> , <b>2007</b> , 34, 2100-2114	4.1	85
150	The dilemma of female mate selection in the brown bear, a species with sexually selected infanticide. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2006</b> , 273, 283-91	4.4	85
149	Using metabarcoding to reveal and quantify plant-pollinator interactions. <i>Scientific Reports</i> , <b>2016</b> , 6, 27282	4.4	84
148	Genetics and conservation of European brown bears <i>Ursus arctos</i> . <i>Mammal Review</i> , <b>2011</b> , 41, 87-98	5	83
147	Molecular tools and analytical approaches for the characterization of farm animal genetic diversity. <i>Animal Genetics</i> , <b>2012</b> , 43, 483-502	2.5	82
146	Importance of accounting for detection heterogeneity when estimating abundance: the case of French wolves. <i>Conservation Biology</i> , <b>2010</b> , 24, 621-6	6	82
145	Tracking earthworm communities from soil DNA. <i>Molecular Ecology</i> , <b>2012</b> , 21, 2017-30	5.7	80
144	Low genotyping error rates in wild ungulate faeces sampled in winter. <i>Molecular Ecology Notes</i> , <b>2004</b> , 4, 772-775		80
143	Highly overlapping winter diet in two sympatric lemming species revealed by DNA metabarcoding. <i>PLoS ONE</i> , <b>2015</b> , 10, e0115335	3.7	79
142	Amplification of oak DNA from ancient and modern wood. <i>Molecular Ecology</i> , <b>1999</b> , 8, 2137-40	5.7	77
141	Systematics of the genus <i>Capra</i> inferred from mitochondrial DNA sequence data. <i>Molecular Phylogenetics and Evolution</i> , <b>1999</b> , 13, 504-10	4.1	76
140	Testing the potential of a ribosomal 16S marker for DNA metabarcoding of insects. <i>PeerJ</i> , <b>2016</b> , 4, e1966	1	76
139	DNA Barcoding for Honey Biodiversity. <i>Diversity</i> , <b>2010</b> , 2, 610-617	2.5	75



138	Amplified fragment length polymorphism versus random amplified polymorphic DNA markers: clonal diversity in <i>Saxifraga cernua</i> . <i>Molecular Ecology</i> , <b>2004</b> , 13, 81-6	5.7	75
137	Unlocking biodiversity and conservation studies in high-diversity environments using environmental DNA (eDNA): A test with Guianese freshwater fishes. <i>Molecular Ecology Resources</i> , <b>2019</b> , 19, 27-46	8.4	74
136	Universal DNA-based methods for assessing the diet of grazing livestock and wildlife from feces. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 5700-6	5.7	74
135	Versatile primers for the amplification of the mitochondrial DNA control region in marsupials. <i>Molecular Ecology</i> , <b>1997</b> , 6, 1199-201	5.7	73
134	Taxonomic status and phylogenetic relationships of some species of the genus <i>Gammarus</i> (Crustacea, Amphipoda) deduced from mitochondrial DNA sequences. <i>Molecular Phylogenetics and Evolution</i> , <b>1997</b> , 8, 1-10	4.1	73
133	Phylogenetic use of noncoding regions in the genus <i>Gentiana</i> L.: chloroplast trnL (UAA) intron versus nuclear ribosomal internal transcribed spacer sequences. <i>Molecular Phylogenetics and Evolution</i> , <b>1996</b> , 5, 460-6	4.1	72
132	Reconstructing long-term human impacts on plant communities: an ecological approach based on lake sediment DNA. <i>Molecular Ecology</i> , <b>2015</b> , 24, 1485-98	5.7	70
131	Detection of cows' milk in goats' cheeses inferred from mitochondrial DNA polymorphism. <i>Journal of Dairy Research</i> , <b>2001</b> , 68, 229-35	1.6	70
130	Major histocompatibility complex class II compatibility, but not class I, predicts mate choice in a bird with highly developed olfaction. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2012</b> , 279, 4457-63	4.4	69
129	Land ahead: using genome scans to identify molecular markers of adaptive relevance. <i>Plant Ecology and Diversity</i> , <b>2008</b> , 1, 273-283	2.2	67
128	Do Scandinavian brown bears approach settlements to obtain high-quality food?. <i>Biological Conservation</i> , <b>2014</b> , 178, 128-135	6.2	66
127	Genetic diversity of European cattle breeds highlights the conservation value of traditional unselected breeds with high effective population size. <i>Molecular Ecology</i> , <b>2009</b> , 18, 3394-410	5.7	66
126	Phylogeography and conservation genetics of a giant lobelia ( <i>Lobelia giberroa</i> ) in Ethiopian and Tropical East African mountains. <i>Molecular Ecology</i> , <b>2007</b> , 16, 1233-43	5.7	66
125	Power of 22 microsatellite markers in fluorescent multiplexes for parentage testing in goats ( <i>Capra hircus</i> ). <i>Animal Genetics</i> , <b>1999</b> , 30, 431-8	2.5	66
124	A DNA metabarcoding study of a primate dietary diversity and plasticity across its entire fragmented range. <i>PLoS ONE</i> , <b>2013</b> , 8, e58971	3.7	66
123	Break zones in the distributions of alleles and species in alpine plants. <i>Journal of Biogeography</i> , <b>2011</b> , 38, 772-782	4.1	65
122	Relationships among levels of biodiversity and the relevance of intraspecific diversity in conservation: a project synopsis. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , <b>2008</b> , 10, 259-281	3.1	65
121	Evaluating the impact of domestication and captivity on the horse gut microbiome. <i>Scientific Reports</i> , <b>2017</b> , 7, 15497	4.9	64



120	A new individual-based spatial approach for identifying genetic discontinuities in natural populations. <i>Molecular Ecology</i> , <b>2007</b> , 16, 2031-43	5.7	64
119	Spatio-temporal monitoring of deep-sea communities using metabarcoding of sediment DNA and RNA. <i>PeerJ</i> , <b>2016</b> , 4, e2807	3.1	64
118	Body size determines soil community assembly in a tropical forest. <i>Molecular Ecology</i> , <b>2019</b> , 28, 528-543	5.7	64
117	AFLP markers reveal high clonal diversity and extreme longevity in four key arctic-alpine species. <i>Molecular Ecology</i> , <b>2012</b> , 21, 1081-97	5.7	63
116	Sheep genome functional annotation reveals proximal regulatory elements contributed to the evolution of modern breeds. <i>Nature Communications</i> , <b>2018</b> , 9, 859	17.4	61
115	Plant functional traits reveal the relative contribution of habitat and food preferences to the diet of grasshoppers. <i>Oecologia</i> , <b>2013</b> , 173, 1459-70	2.9	59
114	New insights on diet variability revealed by DNA barcoding and high-throughput pyrosequencing: chamois diet in autumn as a case study. <i>Ecological Research</i> , <b>2011</b> , 26, 265-276	1.9	59
113	Biodiversity at the intraspecific level: The comparative phylogeographic approach. <i>Journal of Biotechnology</i> , <b>1998</b> , 64, 91-100	3.7	59
112	A phylogeny of the European gentians inferred from chloroplast trnL (UAA) intron sequences. <i>Botanical Journal of the Linnean Society</i> , <b>1996</b> , 120, 57-75	2.2	59
111	Urine collected in the field as a source of DNA for species and individual identification. <i>Molecular Ecology</i> , <b>2000</b> , 9, 2150-2	5.7	57
110	Identification of evolutionary significant units in the Spanish wild goat, <i>Capra pyrenaica</i> (Mammalia, Artiodactyla). <i>Animal Conservation</i> , <b>1999</b> , 2, 33-39	3.2	57
109	Characterizing neutral genomic diversity and selection signatures in indigenous populations of Moroccan goats ( <i>Capra hircus</i> ) using WGS data. <i>Frontiers in Genetics</i> , <b>2015</b> , 6, 107	4.5	55
108	Evolution of major histocompatibility complex class I and class II genes in the brown bear. <i>BMC Evolutionary Biology</i> , <b>2012</b> , 12, 197	3	55
107	CHROMOSOMAL VERSUS MITOCHONDRIAL DNA EVOLUTION: TRACKING THE EVOLUTIONARY HISTORY OF THE SOUTHWESTERN EUROPEAN POPULATIONS OF THE SOREX ARANEUS GROUP (MAMMALIA, INSECTIVORA). <i>Evolution; International Journal of Organic Evolution</i> , <b>1994</b> , 48, 623-636	3.8	55
106	Islands in the ice: detecting past vegetation on Greenlandic nunataks using historical records and sedimentary ancient DNA meta-barcoding. <i>Molecular Ecology</i> , <b>2012</b> , 21, 1980-8	5.7	54
105	Effects of species traits on the genetic diversity of high-mountain plants: a multi-species study across the Alps and the Carpathians. <i>Global Ecology and Biogeography</i> , <b>2009</b> , 18, 78-87	6.1	53
104	Effect of DNA extraction and sample preservation method on rumen bacterial population. <i>Anaerobe</i> , <b>2014</b> , 29, 80-4	2.8	52
103	Dynamics of genotypic structure in clonal <i>Rhododendron ferrugineum</i> (Ericaceae) populations. <i>Molecular Ecology</i> , <b>2000</b> , 9, 1099-111	5.7	52

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