Michael W. Bruford

List of Publications by Citations

332 papers	18,616 citations	69 h-index	127 g-index
356 ext. papers	21,770 ext. citations	6.3 avg, IF	6.28 L-index

#	Paper	IF	Citations
332	Whole-genome analyses resolve early branches in the tree of life of modern birds. *Science*, **2014**, 346, 1320-31	33.3	1182
331	The sequence and de novo assembly of the giant panda genome. *Nature*, **2010**, 463, 311-7	50.4	864
330	Ecology. Essential biodiversity variables. *Science*, **2013**, 339, 277-8	33.3	809
329	Comparative genomics reveals insights into avian genome evolution and adaptation. *Science*, **2014**, 346, 1311-20	33.3	628
328	A Role for Ecotones in Generating Rainforest Biodiversity. *Science*, **1997**, 276, 1855-1857	33.3	509
327	DNA fingerprinting in birds. *Nature*, **1987**, 327, 149-52	50.4	485
326	Parental care and mating behaviour of polyandrous dunnocks Prunella modularis related to paternity by DNA fingerprinting. *Nature*, **1989**, 338, 249-251	50.4	448
325	Microsatellites and their application to population genetic studies. *Current Opinion in Genetics and Development*, **1993**, 3, 939-43	4.9	371
324	A spatial analysis method (SAM) to detect candidate loci for selection: towards a landscape genomics approach to adaptation. *Molecular Ecology*, **2007**, 16, 3955-69	5.7	345
323	DNA markers reveal the complexity of livestock domestication. *Nature Reviews Genetics*, **2003**, 4, 900-10	30.1	345
322	Genomics and the challenging translation into conservation practice. *Trends in Ecology and Evolution*, **2015**, 30, 78-87	10.9	335
321	Revealing the history of sheep domestication using retrovirus integrations. *Science*, **2009**, 324, 532-6	33.3	292
320	Behavior predicts genes structure in a wild primate group. *Proceedings of the National Academy of Sciences of the United States of America*, **1996**, 93, 5797-801	11.5	285
319	Genetic diversity and introgression in the Scottish wildcat. *Molecular Ecology*, **2001**, 10, 319-36	5.7	268
318	Genetic signature of anthropogenic population collapse in orang-utans. *PLoS Biology*, **2006**, 4, e25	9.7	212
317	Immigration and the ephemerality of a natural population bottleneck: evidence from molecular markers. *Proceedings of the Royal Society B: Biological Sciences*, **2001**, 268, 1387-94	4.4	211
316	SNeP: a tool to estimate trends in recent effective population size trajectories using genome-wide SNP data. *Frontiers in Genetics*, **2015**, 6, 109	4.5	184

315	Ecological constraints drive social evolution in the African mole-rats. *Proceedings of the Royal Society B: Biological Sciences*, **1997**, 264, 1619-27	4.4	184
314	Rapid screening of invertebrate predators for multiple prey DNA targets. *Molecular Ecology*, **2005**, 14, 819-27	5.7	179
313	DNA answers the call of pipistrelle bat species. *Nature*, **1997**, 387, 138-9	50.4	174
312	Genetic divergence and units for conservation in the Komodo dragon Varanus komodoensis. *Proceedings of the Royal Society B: Biological Sciences*, **1999**, 266, 2269-2274	4.4	167
311	'Ghost' alleles of the Mauritius kestrel. *Nature*, **2000**, 403, 616	50.4	166
310	Genetic analysis reveals the wild ancestors of the llama and the alpaca. *Proceedings of the Royal Society B: Biological Sciences*, **2001**, 268, 2575-84	4.4	161
309	Molecular censusing doubles giant panda population estimate in a key nature reserve. *Current Biology*, **2006**, 16, R451-2	6.3	158
308	Patterns of genetic diversity and migration in increasingly fragmented and declining orang-utan (Pongo pygmaeus) populations from Sabah, Malaysia. *Molecular Ecology*, **2005**, 14, 441-56	5.7	152
307	Male bimaturism and reproductive success in Sumatran orang-utans. *Behavioral Ecology*, **2002**, 13, 643-652	2.3	152
306	The role of Pleistocene refugia and rivers in shaping gorilla genetic diversity in central Africa. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 20432-6	11.5	151
305	Large-scale mitochondrial DNA analysis of the domestic goat reveals six haplogroups with high diversity. *PLoS ONE*, **2007**, 2, e1012	3.7	145
304	Genetic diversity and subdivision of 57 European and Middle-Eastern sheep breeds. *Animal Genetics* , **2007**, 38, 37-44	2.5	133
303	Whole-genome sequencing of the snub-nosed monkey provides insights into folivory and evolutionary history. *Nature Genetics*, **2014**, 46, 1303-10	36.3	122
302	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 May 2009-31 July 2009. *Molecular Ecology Resources*, **2009**, 9, 1460-6	8.4	122
301	Peregrine and saker falcon genome sequences provide insights into evolution of a predatory lifestyle. *Nature Genetics*, **2013**, 45, 563-6	36.3	119
300	A multi-samples, multi-extracts approach for microsatellite analysis of faecal samples in an arboreal ape. *Conservation Genetics*, **2000**, 1, 157-162	2.6	114
299	Convergent genomic signatures of domestication in sheep and goats. *Nature Communications*, **2018** , 9, 813	17.4	112
298	Reproductive skew among males in a female-dominated mammalian society. *Behavioral Ecology*, **2002**, 13, 193-200	2.3	112

297	Molecular technologies for biodiversity evaluation: opportunities and challenges. *Nature Biotechnology*, **1997**, 15, 625-8	44.5	108
296	Genetic structure of European sheep breeds. *Heredity*, **2007**, 99, 620-31	3.6	103
295	Genetic viability and population history of the giant panda, putting an end to the "evolutionary dead end"?. *Molecular Biology and Evolution*, **2007**, 24, 1801-10	8.3	100
294	Black and white and read all over: the past, present and future of giant panda genetics. *Molecular Ecology*, **2012**, 21, 5660-74	5.7	99
293	Philopatry and reproductive success in Bornean orang-utans (Pongo pygmaeus). *Molecular Ecology*, **2006**, 15, 2577-88	5.7	95
292	Sociogenetic structure in a free-living nocturnal primate population: sex-specific differences in the grey mouse lemur (Microcebus murinus). *Behavioral Ecology and Sociobiology*, **2001**, 50, 493-502	2.5	93
291	Estimation of admixture proportions: a likelihood-based approach using Markov chain Monte Carlo. *Genetics*, **2001**, 158, 1347-62	4	93
290	Set ambitious goals for biodiversity and sustainability. *Science*, **2020**, 370, 411-413	33.3	92
289	Bringing genetic diversity to the forefront of conservation policy and management. *Conservation Genetics Resources*, **2013**, 5, 593-598	0.8	91
288	Genetic diversity targets and indicators in the CBD post-2020 Global Biodiversity Framework must be improved. *Biological Conservation*, **2020**, 248, 108654	6.2	89
287	Turtle groups or turtle soup: dispersal patterns of hawksbill turtles in the Caribbean. *Molecular Ecology*, **2009**, 18, 4841-53	5.7	88
286	Microsatellite analysis of genetic diversity in fragmented South African buffalo populations. *Animal Conservation*, **1998**, 1, 85-94	3.2	88
285	Mitogenomic Meta-Analysis Identifies Two Phases of Migration in the History of Eastern Eurasian Sheep. *Molecular Biology and Evolution*, **2015**, 32, 2515-33	8.3	85
284	Riverine effects on mitochondrial structure of Bornean orangutans (Pongo pygmaeus) at two spatial scales. *Molecular Ecology*, **2008**, 17, 2898-909	5.7	84
283	Molecular tools and analytical approaches for the characterization of farm animal genetic diversity. *Animal Genetics*, **2012**, 43, 483-502	2.5	82
282	New perspectives on mate choice and the MHC. *Heredity*, **1998**, 81 (Pt 2), 127-33	3.6	82
281	Molecular detection of predation by soil micro-arthropods on nematodes. *Molecular Ecology*, **2006**, 15, 1963-72	5.7	82
280	The persistence of Pliocene populations through the Pleistocene climatic cycles: evidence from the phylogeography of an Iberian lizard. *Proceedings of the Royal Society B: Biological Sciences*, **2001**, 268, 1625-30	4.4	81

279	Molecular systematics and phylogeography of the cryptic species complex Baetis rhodani (Ephemeroptera, Baetidae). *Molecular Phylogenetics and Evolution*, **2006**, 40, 370-82	4.1	80
278	Parentage, reproductive skew and queen turnover in a multiple-queen ant analysed with microsatellites. *Proceedings of the Royal Society B: Biological Sciences*, **1997**, 264, 277-83	4.4	79
277	The development of microsatellite loci in the song sparrow, Melospiza melodia (Aves) and genotyping errors associated with good quality DNA. *Molecular Ecology Notes*, **2001**, 1, 11-13		79
276	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 October 2009-30 November 2009. *Molecular Ecology Resources*, **2010**, 10, 404-8	8.4	78
275	Molecular evidence for deep phylogenetic divergence in Mandrillus sphinx. *Molecular Ecology*, **2003**, 12, 2019-24	5.7	78
274	High performance computation of landscape genomic models including local indicators of spatial association. *Molecular Ecology Resources*, **2017**, 17, 1072-1089	8.4	77
273	Comparative evaluation of potential indicators and temporal sampling protocols for monitoring genetic erosion. *Evolutionary Applications*, **2014**, 7, 984-98	4.8	77
272	Primate conservation: measuring and mitigating trade in primates. *Endangered Species Research*, **2011**, 13, 159-161	2.5	75
271	The Value of Ecosystem Services from Giant Panda Reserves. *Current Biology*, **2018**, 28, 2174-2180.e7	6.3	75
270	Micro- and macrogeographical genetic structure of colonies of naked mole-rats Heterocephalus glaber. *Molecular Ecology*, **1997**, 6, 615-28	5.7	74
269	Gene-flow patterns in Atlantic and Mediterranean populations of the Lusitanian sea star Asterina gibbosa. *Molecular Ecology*, **2005**, 14, 3373-82	5.7	74
268	Projecting genetic diversity and population viability for the fragmented orang-utan population in the Kinabatangan floodplain, Sabah, Malaysia. *Endangered Species Research*, **2010**, 12, 249-261	2.5	74
267	Genetic and genomic monitoring with minimally invasive sampling methods. *Evolutionary Applications*, **2018**, 11, 1094-1119	4.8	72
266	The role of vicariance vs. dispersal in shaping genetic patterns in ocellated lizard species in the western Mediterranean. *Molecular Ecology*, **2008**, 17, 1535-51	5.7	72
265	Genetic evidence for female-biased dispersal and gene flow in a polygynous primate. *Proceedings of the Royal Society B: Biological Sciences*, **2006**, 273, 479-84	4.4	72
264	Unravelling migratory connectivity in marine turtles using multiple methods. *Journal of Applied Ecology*, **2010**, 47, 769-778	5.8	71
263	Molecular biogeography: towards an integrated framework for conserving pan-African biodiversity. *PLoS ONE*, **2007**, 2, e454	3.7	69
262	Polygynandry in a red fox population: implications for the evolution of group living in canids?. *Behavioral Ecology*, **2004**, 15, 766-778	2.3	69

261	Mating system and reproductive skew in the black rhinoceros. *Molecular Ecology*, **2001**, 10, 2031-41	5.7	69
260	Molecular analysis of dispersal in giant pandas. *Molecular Ecology*, **2007**, 16, 3792-800	5.7	67
259	Patterns and dynamics of sex-biased dispersal in a nocturnal primate, the grey mouse lemur, Microcebus murinus. *Animal Behaviour*, **2003**, 65, 709-719	2.8	65
258	Post-2020 goals overlook genetic diversity. *Science*, **2020**, 367, 1083-1085	33.3	64
257	Mitochondrial DNA phylogeography of western lowland gorillas (Gorilla gorilla gorilla). *Molecular Ecology*, **2004**, 13, 1551-65, 1567	5.7	64
256	Testing the reliability of microsatellite typing from faecal DNA in the savannah baboon. *Conservation Genetics*, **2000**, 1, 173-176	2.6	63
255	The Preservation of Process: The Missing Element of Conservation Programs. *Biodiversity Letters*, **1993**, 1, 164		63
254	Effective population size dynamics and the demographic collapse of Bornean orang-utans. *PLoS ONE*, **2012**, 7, e49429	3.7	62
253	Genetic structure of fragmented populations of red squirrel (Sciurus vulgaris) in the UK. *Molecular Ecology*, **1999**, 8, S55-63	5.7	62
252	Mitochondrial DNA diversity and phylogeography of endangered green turtle (Chelonia mydas) populations in Africa. *Conservation Genetics*, **2006**, 7, 353-369	2.6	61
251	Human microsatellites applicable for analysis of genetic variation in apes and Old World monkeys. *Journal of Heredity*, **1996**, 87, 406-10	2.4	61
250	Next-generation metrics for monitoring genetic erosion within populations of conservation concern. *Evolutionary Applications*, **2018**, 11, 1066-1083	4.8	59
249	Demographic loss, genetic structure and the conservation implications for Indian tigers. *Proceedings of the Royal Society B: Biological Sciences*, **2013**, 280, 20130496	4.4	59
248	DNA sequence variation and methylation in an arsenic tolerant earthworm population. *Soil Biology and Biochemistry*, **2013**, 57, 524-532	7.5	58
247	Species-specific mitochondrial DNA markers for identification of non-invasive samples from sympatric carnivores in the Iberian Peninsula. *Conservation Genetics*, **2008**, 9, 681-690	2.6	58
246	Biodiversity vs. biocontrol: positive and negative effects of alternative prey on control of slugs by carabid beetles. *Bulletin of Entomological Research*, **2006**, 96, 637-45	1.7	58
245	Ant workers selfishly bias sex ratios by manipulating female development. *Proceedings of the Royal Society B: Biological Sciences*, **2002**, 269, 173-8	4.4	57
244	Genetic structure and gene flow among Komodo dragon populations inferred by microsatellite loci analysis. *Molecular Ecology*, **1999**, 8, S17-30	5.7	57

243	Isolation of Microsatellite Markers in Animals **1998**, 279-285		56
242	Intraguild predation in winter wheat: prey choice by a common epigeal carabid consuming spiders. *Journal of Applied Ecology*, **2013**, 50, 271-279	5.8	55
241	New perspectives on mate choice and the MHC. *Heredity*, **1998**, 81 (Pt 3), 239-45	3.6	55
240	Sustaining genetic variation in a small population: evidence from the Mauritius kestrel. *Molecular Ecology*, **2001**, 10, 593-602	5.7	55
239	Genetic consequences of historical anthropogenic and ecological events on giant pandas. *Ecology*, **2013**, 94, 2346-57	4.6	54
238	Molecular evidence for Pleistocene refugia at the eastern edge of the Tibetan Plateau. *Molecular Ecology*, **2011**, 20, 3014-26	5.7	53
237	Crossing the Red Sea: phylogeography of the hamadryas baboon, Papio hamadryas hamadryas. *Molecular Ecology*, **2004**, 13, 2819-27	5.7	53
236	Molecular phylogeny and morphological change in the Psittacula parakeets. *Molecular Phylogenetics and Evolution*, **2004**, 31, 96-108	4.1	53
235	Permanent Genetic Resources added to Molecular Ecology Resources database 1 January 2009-30 April 2009. *Molecular Ecology Resources*, **2009**, 9, 1375-9	8.4	52
234	Prospects and challenges for the conservation of farm animal genomic resources, 2015-2025. *Frontiers in Genetics*, **2015**, 6, 314	4.5	50
233	Landscape, habitat characteristics and the genetic population structure of two caddisflies. *Freshwater Biology*, **2007**, 52, 1907-1929	3.1	50
232	Genomic signatures of adaptive introgression from European mouflon into domestic sheep. *Scientific Reports*, **2017**, 7, 7623	4.9	49
231	Whole-genome resequencing of wild and domestic sheep identifies genes associated with morphological and agronomic traits. *Nature Communications*, **2020**, 11, 2815	17.4	48
230	Modification of river meandering by tropical deforestation. *Geology*, **2017**, 45, 511-514	5	46
229	Landscape genomics and biased FST approaches reveal single nucleotide polymorphisms under selection in goat breeds of North-East Mediterranean. *BMC Genetics*, **2009**, 10, 7	2.6	46
228	Differential enzyme targeting as an evolutionary adaptation to herbivory in carnivora. *Molecular Biology and Evolution*, **2004**, 21, 632-46	8.3	46
227	Cross-species amplification, non-invasive genotyping, and non-Mendelian inheritance of human STRPs in Savannah baboons. *American Journal of Primatology*, **2000**, 51, 219-27	2.5	46
226	Odorant receptor gene expression changes during the parr-smolt transformation in Atlantic salmon. *Molecular Ecology*, **2004**, 13, 2851-7	5.7	45

225	Using nested clade analysis to assess the history of colonization and the persistence of populations of an Iberian Lizard. *Molecular Ecology*, **2002**, 11, 809-19	5.7	45
224	Phylogenetic Reanalysis of the Saudi Gazelle and Its Implications for Conservation. *Conservation Biology*, **2001**, 15, 1123-1133	6	45
223	Multilocus and single locus minisatellite analysis in population biological studies. *Exs*, **1991**, 58, 154-68		45
222	Inbreeding of bottlenecked butterfly populations. Estimation using the likelihood of changes in marker allele frequencies. *Genetics*, **1999**, 151, 1053-63	4	45
221	Conservation implications of drastic reductions in the smallest and most isolated populations of giant pandas. *Conservation Biology*, **2010**, 24, 1299-306	6	43
220	Measuring genetic diversity in translocation programmes: principles and application to a chimpanzee release project. *Animal Conservation*, **2002**, 5, 225-236	3.2	43
219	Domestication of cattle: Two or three events?. *Evolutionary Applications*, **2019**, 12, 123-136	4.8	42
218	Conservation Biology Framework for the Release of Wild-Born Orphaned Chimpanzees into the Conkouati Reserve, Congo. *Conservation Biology*, **2001**, 15, 1247-1257	6	42
217	A molecular phylogeny of African kestrels with reference to divergence across the Indian Ocean. *Molecular Phylogenetics and Evolution*, **2002**, 25, 267-77	4.1	41
216	Mitochondrial phylogeography and subspecific variation in the red panda (Ailurus fulgens): implications for conservation. *Molecular Phylogenetics and Evolution*, **2005**, 36, 78-89	4.1	41
215	Patterns of cryptic hybridization revealed using an integrative approach: a case study on genets (Carnivora, Viverridae, Genetta spp.) from the southern African subregion. *Biological Journal of the Linnean Society*, **2005**, 86, 11-33	1.9	41
214	Mitochondrial phylogeography and demographic history of the vicuâ: implications for conservation. *Heredity*, **2007**, 99, 70-80	3.6	40
213	Multilocus DNA fingerprints in gallinaceous birds: general approach and problems. *Heredity*, **1992**, 68 (Pt 6), 481-94	3.6	40
212	More grist for the mill? Species delimitation in the genomic era and its implications for conservation. *Conservation Genetics*, **2019**, 20, 101-113	2.6	39
211	Molecular adaptation of alanine:glyoxylate aminotransferase targeting in primates. *Molecular Biology and Evolution*, **2000**, 17, 387-400	8.3	38
210	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 December 2009-31 January 2010. *Molecular Ecology Resources*, **2010**, 10, 576-9	8.4	37
209	The double origin of Iberian peninsular chameleons. *Biological Journal of the Linnean Society*, **2002**, 75, 1-7	1.9	37
208	Mating frequency and mating system of the polygynous ant, Leptothorax acervorum. *Molecular Ecology*, **2001**, 10, 2719-28	5.7	37

207	Invertebrate biodiversity affects predator fitness and hence potential to control pests in crops. *Biological Control*, **2009**, 51, 499-506	3.8	36
206	Accurate population size estimates are vital parameters for conserving the giant panda. *Ursus*, **2009**, 20, 56-62	1.4	35
205	DNA Fingerprinting in a Butterfly, Bicyclus anynana (Satyridae). *Journal of Heredity*, **1993**, 84, 195-200	2.4	35
204	Genetic structuring and recent demographic history of red pandas (Ailurus fulgens) inferred from microsatellite and mitochondrial DNA. *Molecular Ecology*, **2011**, 20, 2662-75	5.7	34
203	Population Genomics Reveals Low Genetic Diversity and Adaptation to Hypoxia in Snub-Nosed Monkeys. *Molecular Biology and Evolution*, **2016**, 33, 2670-81	8.3	33
202	Distinguishing gorilla mitochondrial sequences from nuclear integrations and PCR recombinants: guidelines for their diagnosis in complex sequence databases. *Molecular Phylogenetics and Evolution*, **2007**, 43, 553-66	4.1	32
201	Genets (Carnivora, Viverridae) in Africa: an evolutionary synthesis based on cytochrome b sequences and morphological characters. *Biological Journal of the Linnean Society*, **2004**, 81, 589-610	1.9	32
200	Where's the conservation in conservation genetics?. *Conservation Biology*, **2008**, 22, 802-4	6	31
199	Sistemtica, taxonoma y domesticacin de alpacas y llamas: nueva evidencia cromosmica y molecular. *Revista Chilena De Historia Natural*, **2007**, 80,	1.8	31
198	Quantitative evaluation of hybridization and the impact on biodiversity conservation. *Ecology and Evolution*, **2017**, 7, 320-330	2.8	30
197	Diversity, genetic structure and evidence of outcrossing in British populations of the rock fern Adiantum capillus-veneris using microsatellites. *Molecular Ecology*, **2001**, 10, 1881-94	5.7	30
196	Next-generation conservation genetics and biodiversity monitoring. *Evolutionary Applications*, **2018**, 11, 1029-1034	4.8	29
195	DNA identification of primate bushmeat from urban markets in Guinea-Bissau and its implications for conservation. *Biological Conservation*, **2013**, 167, 43-49	6.2	29
194	Revisiting demographic processes in cattle with genome-wide population genetic analysis. *Frontiers in Genetics*, **2015**, 6, 191	4.5	29
193	Extinctions, genetic erosion and conservation options for the black rhinoceros (Diceros bicornis). *Scientific Reports*, **2017**, 7, 41417	4.9	28
192	Demography and rapid local adaptation shape Creole cattle genome diversity in the tropics. *Evolutionary Applications*, **2019**, 12, 105-122	4.8	28
191	Extra-pair fertilization and effective population size in the song sparrow Melospiza melodia. *Journal of Avian Biology*, **2006**, 37, 572-578	1.9	28
190	Microsatellite markers for the earthworm Lumbricus rubellus. *Molecular Ecology Notes*, **2006**, 6, 325-327		28

189	Habitat fragmentation and genetic diversity in natural populations of the Bornean elephant: Implications for conservation. *Biological Conservation*, **2016**, 196, 80-92	6.2	27
188	Multiple introductions and environmental factors affecting the´establishment of invasive species on a volcanic island. *Soil Biology and Biochemistry*, **2015**, 85, 89-100	7.5	26
187	Gastrointestinal symbionts of chimpanzees in Cantanhez National Park, Guinea-Bissau with respect to habitat fragmentation. *American Journal of Primatology*, **2013**, 75, 1032-41	2.5	26
186	Complex phylogeographic history of central African forest elephants and its implications for taxonomy. *BMC Evolutionary Biology*, **2007**, 7, 244	3	26
185	Evaluation of temperature gradient gel electrophoresis for the analysis of prey DNA within the guts of invertebrate predators. *Bulletin of Entomological Research*, **2006**, 96, 295-304	1.7	26
184	Dynamics and genetics of a disease-driven species decline to near extinction: lessons for conservation. *Scientific Reports*, **2016**, 6, 30772	4.9	26
183	The Challenges of Linking Ecosystem Services to Biodiversity. *Advances in Ecological Research*, **2016**, 54, 87-134	4.6	26
182	Fragmentation genetics of rainforest animals: insights from recent studies. *Conservation Genetics*, **2014**, 15, 245-260	2.6	25
181	Polygamy slows down population divergence in shorebirds. *Evolution; International Journal of Organic Evolution*, **2017**, 71, 1313-1326	3.8	24
180	Population transcriptomes reveal synergistic responses of DNA polymorphism and RNA expression to extreme environments on the Qinghai-Tibetan Plateau in a predatory bird. *Molecular Ecology*, **2017**, 26, 2993-3010	5.7	24
179	Exonic versus intronic SNPs: contrasting roles in revealing the population genetic differentiation of a widespread bird species. *Heredity*, **2015**, 114, 1-9	3.6	24
178	Conservation Genetic Resources for Effective Species Survival (ConGRESS): Bridging the divide between conservation research and practice. *Journal for Nature Conservation*, **2013**, 21, 433-437	2.3	24
177	Isolation and characterisation of main olfactory and vomeronasal receptor gene families from the Atlantic salmon (Salmo salar). *Gene*, **2006**, 371, 257-67	3.8	24
176	Population genetic structure of and inbreeding in an insular cattle breed, the Jersey, and its implications for genetic resource management. *Heredity*, **2004**, 92, 396-401	3.6	24
175	Orangutans venture out of the rainforest and into the Anthropocene. *Science Advances*, **2018**, 4, e1701422	12.3	24
174	Marine Turtles in the Turks and Caicos Islands: Remnant Rookeries, Regionally Significant Foraging Stocks, and a Major Turtle Fishery. *Chelonian Conservation and Biology*, **2009**, 8, 192-207	0.9	23
173	Mitochondrial DNA Variation and Systematics of the Guanaco (Lama guanicoe, Artiodactyla: Camelidae). *Journal of Mammalogy*, **2008**, 89, 269-281	1.8	23
172	Genetic composition of the Ascension Island green turtle rookery based on mitochondrial DNA: implications for sampling and diversity. *Endangered Species Research*, **2007**, 3, 145-158	2.5	23

171	Genomic analysis of the domestication and post-Spanish conquest evolution of the llama and alpaca. *Genome Biology*, **2020**, 21, 159	18.3	22
170	Nuclear DNA recapitulates the cryptic mitochondrial lineages ofLumbricus rubellusand suggests the existence of cryptic species in an ecotoxological soil sentinel. *Biological Journal of the Linnean Society*, **2013**, 110, 780-795	1.9	22
169	Conservation of deer: contributions from molecular biology, evolutionary ecology, and reproductive physiology. *Journal of Zoology*, **1997**, 243, 461-484	2	22
168	Mitochondrial phylogeography and population history of finless porpoises in Sino-Japanese waters. *Biological Journal of the Linnean Society*, **2008**, 95, 193-204	1.9	22
167	Prevalence and genetic diversity of simian immunodeficiency virus infection in wild-living red colobus monkeys (Piliocolobus badius badius) from the Ta Forest, C e d'Ivoire SIVwrc in wild-living western red colobus monkeys. *Infection, Genetics and Evolution*, **2008**, 8, 1-14	4.5	22
166	A test of reproductive skew models in a field population of a multiple-queen ant. *Behavioral Ecology and Sociobiology*, **2006**, 61, 265-275	2.5	22
165	Characterization of 37 breed-specific single-nucleotide polymorphisms in sheep. *Journal of Heredity* , **2006**, 97, 531-4	2.4	22
164	Male parentage does not vary with colony kin structure in a multiple-queen ant. *Journal of Evolutionary Biology*, **2003**, 16, 446-55	2.3	22
163	Twenty new microsatellite loci for use with hair and faecal samples in the chimpanzee (Pan troglodytes troglodytes). *Folia Primatologica*, **2000**, 71, 177-80	1.2	22
162	Biological and environmental degradation of gorilla hair and microsatellite amplification success. *Biological Journal of the Linnean Society*, **2007**, 91, 281-294	1.9	21
161	Contrasting genetic diversity and population structure among three sympatric Madagascan shorebirds: parallels with rarity, endemism, and dispersal. *Ecology and Evolution*, **2015**, 5, 997-1010	2.8	20
160	Evaluating the severity of the population bottleneck in the Mauritius kestrel Falco punctatus from ringing records using MCMC estimation. *Journal of Animal Ecology*, **2001**, 70, 401-409	4.7	20
159	Comparing genetic diversity and demographic history in co-distributed wild South American camelids. *Heredity*, **2018**, 121, 387-400	3.6	19
158	Population structure in the South American tern Sterna hirundinacea in the South Atlantic: two populations with distinct breeding phenologies. *Journal of Avian Biology*, **2010**, 41, 378-387	1.9	19
157	Spatial Trends of Genetic Variation of Domestic Ruminants in Europe. *Diversity*, **2010**, 2, 932-945	2.5	19
156	The population genetic effects of ancestry and admixture in a subdivided cattle breed. *Animal Genetics*, **2009**, 40, 393-400	2.5	19
155	Conservation options for the Baiji: time for realism?. *Conservation Biology*, **2006**, 20, 620-2	6	19
154	Bayesian clustering techniques and progressive partitioning to identify population structuring within a recovering otter population in the UK. *Journal of Applied Ecology*, **2011**, 48, 1206-1217	5.8	18

153	Genetic diversity of sheep breeds from Albania, Greece, and Italy assessed by mitochondrial DNA and nuclear polymorphisms (SNPs). *Scientific World Journal, The*, **2011**, 11, 1641-59	2.2	17
152	Mitochondrial genetic diversity and structure of the European otter (Lutra lutra) in Britain. *Conservation Genetics*, **2009**, 10, 733-737	2.6	17
151	Global Commitments to Conserving and Monitoring Genetic Diversity Are Now Necessary and Feasible. *BioScience*, **2021**, 71, 964-976	5.7	17
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