Stephen J O brien

List of Publications by Citations

417 papers	39,576 citations	95 h-index	186 g-index
426 ext. papers	44,244 ext. citations	10.1 avg, IF	6.85 L-index

#	Paper	IF	Citations
417	Molecular phylogenetics and the origins of placental mammals. *Nature*, **2001**, 409, 614-8	50.4	1178
416	Resolution of the early placental mammal radiation using Bayesian phylogenetics. *Science*, **2001**, 294, 2348-51	33.3	1077
415	HLA and HIV-1: heterozygote advantage and B*35-Cw*04 disadvantage. *Science*, **1999**, 283, 1748-52	33.3	1039
414	Epistatic interaction between KIR3DS1 and HLA-B delays the progression to AIDS. *Nature Genetics*, **2002**, 31, 429-34	36.3	949
413	HLA and NK cell inhibitory receptor genes in resolving hepatitis C virus infection. *Science*, **2004**, 305, 872-4	33.3	936
412	A molecular phylogeny of living primates. *PLoS Genetics*, **2011**, 7, e1001342	6	916
411	A molecular phylogeny for bats illuminates biogeography and the fossil record. *Science*, **2005**, 307, 580-4	33.3	834
410	Contrasting genetic influence of CCR2 and CCR5 variants on HIV-1 infection and disease progression. Hemophilia Growth and Development Study (HGDS), Multicenter AIDS Cohort Study (MACS), Multicenter Hemophilia Cohort Study (MHCS), San Francisco City Cohort (SFCC), ALIVE Study. *Science*, **1997**, 277, 959-65	33.3	756
409	Placental mammal diversification and the Cretaceous-Tertiary boundary. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 1056-61	11.5	666
408	The influence of HLA genotype on AIDS. *Annual Review of Medicine*, **2003**, 54, 535-51	17.4	635
407	Comparative genomics reveals insights into avian genome evolution and adaptation. *Science*, **2014**, 346, 1311-20	33.3	628
406	Genetic restriction of AIDS pathogenesis by an SDF-1 chemokine gene variant. ALIVE Study, Hemophilia Growth and Development Study (HGDS), Multicenter AIDS Cohort Study (MACS), Multicenter Hemophilia Cohort Study (MHCS), San Francisco City Cohort (SFCC). *Science*, **1998**, 279, 389-93	33.3	583
405	Innate partnership of HLA-B and KIR3DL1 subtypes against HIV-1. *Nature Genetics*, **2007**, 39, 733-40	36.3	579
404	A canine distemper virus epidemic in Serengeti lions (Panthera leo). *Nature*, **1996**, 379, 441-5	50.4	543
403	The late Miocene radiation of modern Felidae: a genetic assessment. *Science*, **2006**, 311, 73-7	33.3	505
402	Mechanism of met oncogene activation. *Cell*, **1986**, 45, 895-904	56.2	477
401	Anchored reference loci for comparative genome mapping in mammals. *Nature Genetics*, **1993**, 3, 103-12	36.3	457

400	Dynamics of mammalian chromosome evolution inferred from multispecies comparative maps. *Science*, **2005**, 309, 613-7	33.3	447
399	Dating the origin of the CCR5-Delta32 AIDS-resistance allele by the coalescence of haplotypes. *American Journal of Human Genetics*, **1998**, 62, 1507-15	11	428
398	Effect of a single amino acid change in MHC class I molecules on the rate of progression to AIDS. *New England Journal of Medicine*, **2001**, 344, 1668-75	59.2	417
397	Interactive influence of infectious disease and genetic diversity in natural populations. *Trends in Ecology and Evolution*, **1988**, 3, 254-9	10.9	390
396	Numt, a recent transfer and tandem amplification of mitochondrial DNA to the nuclear genome of the domestic cat. *Journal of Molecular Evolution*, **1994**, 39, 174-90	3.1	387
395	Methods for high-density admixture mapping of disease genes. *American Journal of Human Genetics* , **2004**, 74, 979-1000	11	386
394	A high-density admixture map for disease gene discovery in african americans. *American Journal of Human Genetics*, **2004**, 74, 1001-13	11	379
393	The promise of comparative genomics in mammals. *Science*, **1999**, 286, 458-62, 479-81	33.3	372
392	Genetic restoration of the Florida panther. *Science*, **2010**, 329, 1641-5	33.3	349
391	The Near Eastern origin of cat domestication. *Science*, **2007**, 317, 519-23	33.3	337
390	Detecting single base substitutions as heteroduplex polymorphisms. *Genomics*, **1992**, 12, 301-6	4.3	332
389	A genetic linkage map of microsatellites in the domestic cat (Felis catus). *Genomics*, **1999**, 57, 9-23	4.3	329
388	Bureaucratic mischief: recognizing endangered species and subspecies. *Science*, **1991**, 251, 1187-8	33.3	326
387	Common genetic variation and the control of HIV-1 in humans. *PLoS Genetics*, **2009**, 5, e1000791	6	310
386	Comparative anchor tagged sequences (CATS) for integrative mapping of mammalian genomes. *Nature Genetics*, **1997**, 15, 47-56	36.3	306
385	A variant of the gene encoding leukotriene A4 hydrolase confers ethnicity-specific risk of myocardial infarction. *Nature Genetics*, **2006**, 38, 68-74	36.3	304
384	Genetic fingerprinting reflects population differentiation in the California Channel Island fox. *Nature*, **1990**, 344, 764-7	50.4	299
383	From wild animals to domestic pets, an evolutionary view of domestication. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106 Suppl 1, 9971-8	11.5	295

382	Mammalian phylogenomics comes of age. *Trends in Genetics*, **2004**, 20, 631-9	8.5	288
381	The consequences of demographic reduction and genetic depletion in the endangered Florida panther. *Current Biology*, **1993**, 3, 340-50	6.3	276
380	Human genes that limit AIDS. *Nature Genetics*, **2004**, 36, 565-74	36.3	252
379	Initial sequence and comparative analysis of the cat genome. *Genome Research*, **2007**, 17, 1675-89	9.7	248
378	The adaptive evolution of the mammalian mitochondrial genome. *BMC Genomics*, **2008**, 9, 119	4.5	234
377	Molecular genetics and evolution of melanism in the cat family. *Current Biology*, **2003**, 13, 448-53	6.3	229
376	Genetic evidence for two species of elephant in Africa. *Science*, **2001**, 293, 1473-7	33.3	227
375	Genome-wide scans for footprints of natural selection. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2010**, 365, 185-205	5.8	225
374	The Genome 10K Project: a way forward. *Annual Review of Animal Biosciences*, **2015**, 3, 57-111	13.7	223
373	The effect of genetic variation in chemokines and their receptors on HIV transmission and progression to AIDS. *Immunological Reviews*, **2000**, 177, 99-111	11.3	221
372	Mitochondrial genomes reveal an explosive radiation of extinct and extant bears near the Miocene-Pliocene boundary. *BMC Evolutionary Biology*, **2008**, 8, 220	3	207
371	Complete nucleotide sequences of the domestic cat (Felis catus) mitochondrial genome and a transposed mtDNA tandem repeat (Numt) in the nuclear genome. *Genomics*, **1996**, 33, 229-46	4.3	207
370	Accounting for multiple comparisons in a genome-wide association study (GWAS). *BMC Genomics*, **2010**, 11, 724	4.5	191
369	Minke whale genome and aquatic adaptation in cetaceans. *Nature Genetics*, **2014**, 46, 88-92	36.3	186
368	Comparative analysis of the domestic cat genome reveals genetic signatures underlying feline biology and domestication. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 17230-5	11.5	184
367	A molecular solution to the riddle of the giant panda© phylogeny. *Nature*, **1985**, 317, 140-4	50.4	184
366	Guidelines for naming nonprimate APOBEC3 genes and proteins. *Journal of Virology*, **2009**, 83, 494-7	6.6	182
365	Canine and feline parvoviruses can use human or feline transferrin receptors to bind, enter, and infect cells. *Journal of Virology*, **2001**, 75, 3896-902	6.6	178

364	Pattern and timing of diversification of the mammalian order Carnivora inferred from multiple nuclear gene sequences. *Molecular Phylogenetics and Evolution*, **2010**, 56, 49-63	4.1	173
363	Mapping by admixture linkage disequilibrium: advances, limitations and guidelines. *Nature Reviews Genetics*, **2005**, 6, 623-32	30.1	172
362	AIDS restriction HLA allotypes target distinct intervals of HIV-1 pathogenesis. *Nature Medicine*, **2005**, 11, 1290-2	50.5	171
361	Cytonuclear genomic dissociation in African elephant species. *Nature Genetics*, **2005**, 37, 96-100	36.3	166
360	Modulating influence on HIV/AIDS by interacting RANTES gene variants. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 10002-7	11.5	166
359	APOBEC3G genetic variants and their influence on the progression to AIDS. *Journal of Virology*, **2004**, 78, 11070-6	6.6	164
358	Expression of the human c-fms proto-oncogene in hematopoietic cells and its deletion in the 5q- syndrome. *Cell*, **1985**, 42, 421-8	56.2	164
357	Towards complete and error-free genome assemblies of all vertebrate species. *Nature*, **2021**, 592, 737-746	50.4	161
356	HLA-Cw*04 and hepatitis C virus persistence. *Journal of Virology*, **2002**, 76, 4792-7	6.6	160
355	Phylogeography, population history and conservation genetics of jaguars (Panthera onca, Mammalia, Felidae). *Molecular Ecology*, **2001**, 10, 65-79	5.7	156
354	Phylogeography and genetic ancestry of tigers (Panthera tigris). *PLoS Biology*, **2004**, 2, e442	9.7	153
353	Dispersion of the ras family of transforming genes to four different chromosomes in man. *Nature*, **1983**, 302, 839-42	50.4	150
352	The tiger genome and comparative analysis with lion and snow leopard genomes. *Nature Communications*, **2013**, 4, 2433	17.4	147
351	A family matter: conclusive resolution of the taxonomic position of the long-fingered bats, miniopterus. *Molecular Biology and Evolution*, **2007**, 24, 1553-61	8.3	144
350	Unusual polymorphisms in human immunodeficiency virus type 1 associated with nonprogressive infection. *Journal of Virology*, **2000**, 74, 4361-76	6.6	143
349	Novel alleles of the chemokine-receptor gene CCR5. *American Journal of Human Genetics*, **1997**, 61, 1261-7	11	141
348	Balanced polymorphism selected by genetic versus infectious human disease. *Annual Review of Genomics and Human Genetics*, **2002**, 3, 263-92	9.7	137
347	Immunologic and virologic response to highly active antiretroviral therapy in the Multicenter AIDS Cohort Study. *Aids*, **2001**, 15, 735-46	3.5	135

346	Origin of the HIV-susceptible human CD4+ cell line H9. *AIDS Research and Human Retroviruses*, **1989**, 5, 253-5	1.6	132
345	Mesozoic origin for West Indian insectivores. *Nature*, **2004**, 429, 649-51	50.4	131
344	Evolution of mammalian genome organization inferred from comparative gene mapping. *Genome Biology*, **2001**, 2, REVIEWS0005	18.3	130
343	KIR/HLA pleiotropism: protection against both HIV and opportunistic infections. *PLoS Pathogens*, **2006**, 2, e79	7.6	129
342	Phylogenetics, genome diversity and origin of modern leopard, Panthera pardus. *Molecular Ecology*, **2001**, 10, 2617-33	5.7	129
341	Molecular analysis of integrated human papillomavirus 16 sequences in the cervical cancer cell line SiHa. *Virology*, **1987**, 159, 389-98	3.6	129
340	Every genome sequence needs a good map. *Genome Research*, **2009**, 19, 1925-8	9.7	122
339	Seroprevalence and genomic divergence of circulating strains of feline immunodeficiency virus among Felidae and Hyaenidae species. *Journal of Virology*, **2005**, 79, 8282-94	6.6	122
338	Genome-wide Evidence Reveals that African and Eurasian Golden Jackals Are Distinct Species. *Current Biology*, **2015**, 25, 2158-65	6.3	118
337	Genetic variance of laboratory outbred Swiss mice. *Nature*, **1980**, 283, 157-61	50.4	118
336	Comparative genomics: lessons from cats. *Trends in Genetics*, **1997**, 13, 393-9	8.5	115
335	Comprehensive analysis of class I and class II HLA antigens and chronic hepatitis B virus infection. *Journal of Virology*, **2003**, 77, 12083-7	6.6	113
334	Mammalian genome mapping: lessons and prospects. *Current Opinion in Genetics and Development*, **1991**, 1, 105-11	4.9	110
333	Evaluation of nonviral risk factors for nasopharyngeal carcinoma in a high-risk population of Southern China. *International Journal of Cancer*, **2009**, 124, 2942-7	7.5	109
332	Strong influence of human leukocyte antigen (HLA)-DP gene variants on development of persistent chronic hepatitis B virus carriers in the Han Chinese population. *Hepatology*, **2011**, 53, 422-8	11.2	106
331	Effects of human TRIM5alpha polymorphisms on antiretroviral function and susceptibility to human immunodeficiency virus infection. *Virology*, **2006**, 354, 15-27	3.6	105
330	Patterns of Genetic Diversity in Remaining Giant Panda Populations. *Conservation Biology*, **2001**, 15, 1596-1607	6	104
329	Functions, structure, and read-through alternative splicing of feline APOBEC3 genes. *Genome Biology*, **2008**, 9, R48	18.3	103

328	Association of DC-SIGN promoter polymorphism with increased risk for parenteral, but not mucosal, acquisition of human immunodeficiency virus type 1 infection. *Journal of Virology*, **2004**, 78, 14053-6	6.6	103
327	The -glycerophosphate in Drosophila melanogaster. II. Genetic aspects. *Genetics*, **1972**, 71, 127-38	4	102
326	Genomic legacy of the African cheetah, Acinonyx jubatus. *Genome Biology*, **2015**, 16, 277	18.3	99
325	Cytotoxic T-lymphocyte antigen 4 gene and recovery from hepatitis B virus infection. *Journal of Virology*, **2004**, 78, 11258-62	6.6	98
324	Phylogeographic Subspecies Recognition in Leopards (Panthera pardus): Molecular Genetic Variation. *Conservation Biology*, **1996**, 10, 1115-1132	6	95
323	The -glycerophosphate cycle in Drosophila melanogaster. I. Biochemical and developmental aspects. *Biochemical Genetics*, **1972**, 7, 141-61	2.4	93
322	The adequacy of morphology for reconstructing the early history of placental mammals. *Systematic Biology*, **2007**, 56, 673-84	8.4	92
321	An STR Forensic Typing System for Genetic Individualization of Domestic Cat (Felis catus) Samples. *Journal of Forensic Sciences*, **2005**, 50, 1-10	1.8	90
320	A radiation hybrid map of the cat genome: implications for comparative mapping. *Genome Research* , **2000**, 10, 691-702	9.7	88
319	SmileFinder: a resampling-based approach to evaluate signatures of selection from genome-wide sets of matching allele frequency data in two or more diploid populations. *GigaScience*, **2015**, 4, 1	7.6	87
318	Association study of common genetic variants and HIV-1 acquisition in 6,300 infected cases and 7,200 controls. *PLoS Pathogens*, **2013**, 9, e1003515	7.6	86
317	The evolutionary dynamics of the lion Panthera leo revealed by host and viral population genomics. *PLoS Genetics*, **2008**, 4, e1000251	6	86
316	Patterns of molecular genetic variation among African elephant populations. *Molecular Ecology*, **2002**, 11, 2489-98	5.7	86
315	Mapping of the gene encoding the alpha subunit of the stimulatory G protein of adenylyl cyclase (GNAS1) to 20q13.2----q13.3 in human by in situ hybridization. *Genomics*, **1991**, 11, 478-9	4.3	86
314	Significant admixture linkage disequilibrium across 30 cM around the FY locus in African Americans. *American Journal of Human Genetics*, **2000**, 66, 969-78	11	85
313	A genome-to-genome analysis of associations between human genetic variation, HIV-1 sequence diversity, and viral control. *ELife*, **2013**, 2, e01123	8.9	85
312	Specifying and sustaining pigmentation patterns in domestic and wild cats. *Science*, **2012**, 337, 1536-41	33.3	84
311	Genetic characterization of canine distemper virus in Serengeti carnivores. *Veterinary Immunology and Immunopathology*, **1998**, 65, 259-66	2	84

310	Molecular evidence for species-level distinctions in clouded leopards. *Current Biology*, **2006**, 16, 2371-6	6.3	84
309	Extensive conservation of sex chromosome organization between cat and human revealed by parallel radiation hybrid mapping. *Genome Research*, **1999**, 9, 1223-30	9.7	82
308	Allozyme Divergence Within the Canidae. *Systematic Zoology*, **1987**, 36, 339		82
307	Mutation in CEP290 discovered for cat model of human retinal degeneration. *Journal of Heredity*, **2007**, 98, 211-20	2.4	80
306	Genetics and pathogenesis of feline infectious peritonitis virus. *Emerging Infectious Diseases*, **2009**, 15, 1445-52	10.2	79
305	Genomic differentiation among natural populations of orang-utan (Pongo pygmaeus). *Current Biology*, **1996**, 6, 1326-36	6.3	78
304	Chromosomal-Level Assembly of the Asian Seabass Genome Using Long Sequence Reads and Multi-layered Scaffolding. *PLoS Genetics*, **2016**, 12, e1005954	6	77
303	Rapid evolution of a heteroplasmic repetitive sequence in the mitochondrial DNA control region of carnivores. *Journal of Molecular Evolution*, **1994**, 39, 191-9	3.1	76
302	Red fox genome assembly identifies genomic regions associated with tame and aggressive behaviours. *Nature Ecology and Evolution*, **2018**, 2, 1479-1491	12.3	74
301	Mitochondrial DNA haplogroups influence AIDS progression. *Aids*, **2008**, 22, 2429-39	3.5	74
300	Polygenic and multifactorial disease gene association in man: Lessons from AIDS. *Annual Review of Genetics*, **2000**, 34, 563-591	14.5	74
299	An Analysis of Gene-Enzyme Variability in Natural Populations of Drosophila melanogaster and D. simulans. *American Naturalist*, **1969**, 103, 97-113	3.7	74
298	Segmental aneuploidy as a probe for structural genes in Drosophila: mitochondrial membrane enzymes. *Genetics*, **1973**, 75, 155-67	4	74
297	A population-based study to investigate host genetic factors associated with hepatitis B infection and pathogenesis in the Chinese population. *BMC Infectious Diseases*, **2008**, 8, 1	4	73
296	Genetic protection against hepatitis B virus conferred by CCR5Delta32: Evidence that CCR5 contributes to viral persistence. *Journal of Virology*, **2007**, 81, 441-5	6.6	73
295	Genomic microsatellites as evolutionary chronometers: a test in wild cats. *Genome Research*, **2002**, 12, 414-23	9.7	73
294	Comparative genome organization of human, murine, and feline MHC class II region. *Genome Research*, **2003**, 13, 1169-79	9.7	73
293	The principal genetic determinants for nasopharyngeal carcinoma in China involve the HLA class I antigen recognition groove. *PLoS Genetics*, **2012**, 8, e1003103	6	72

292	Pet cat hair implicates murder suspect. *Nature*, **1997**, 386, 774	50.4	72
291	Pandas, people and policy. *Nature*, **1994**, 369, 179-80	50.4	72
290	Mapping of an endogenous retroviral sequence to human chromosome 18. *Nature*, **1983**, 303, 74-7	50.4	72
289	A homozygous single-base deletion in MLPH causes the dilute coat color phenotype in the domestic cat. *Genomics*, **2006**, 88, 698-705	4.3	71
288	The Global Invertebrate Genomics Alliance (GIGA): developing community resources to study diverse invertebrate genomes. *Journal of Heredity*, **2014**, 105, 1-18	2.4	70
287	The Taming of the Cat. *Scientific American*, **2009**, 300, 68-75	0.5	70
286	A common HLA-DPA1 variant is a major determinant of hepatitis B virus clearance in Han Chinese. *Journal of Infectious Diseases*, **2011**, 203, 943-7	7	70
285	Phylogeographic patterns and evolution of the mitochondrial DNA control region in two neotropical cats (Mammalia, felidae). *Journal of Molecular Evolution*, **1998**, 47, 613-24	3.1	70
284	Chromosomal localization of the genes encoding two forms of the G protein beta polypeptide, beta 1 and beta 3, in man. *Genomics*, **1990**, 8, 380-6	4.3	69
283	A molecular approach to the identification and individualization of human and animal cells in culture: isozyme and allozyme genetic signatures. *In Vitro*, **1980**, 16, 119-35		69
282	State of cat genomics. *Trends in Genetics*, **2008**, 24, 268-79	8.5	68
281	Mannose binding lectin genotypes influence recovery from hepatitis B virus infection. *Journal of Virology*, **2005**, 79, 9192-6	6.6	68
280	Genome-wide signatures of complex introgression and adaptive evolution in the big cats. *Science Advances*, **2017**, 3, e1700299	14.3	67
279	Mitochondrial DNA haplogroups influence lipoatrophy after highly active antiretroviral therapy. *Journal of Acquired Immune Deficiency Syndromes (1999)*, **2009**, 51, 111-6	3.1	67
278	Elevated male European and female African contributions to the genomes of African American individuals. *Human Genetics*, **2007**, 120, 713-22	6.3	66
277	Evolutionary analysis of a large mtDNA translocation (numt) into the nuclear genome of the Panthera genus species. *Gene*, **2006**, 366, 292-302	3.8	64
276	Comparison of carnivore, omnivore, and herbivore mammalian genomes with a new leopard assembly. *Genome Biology*, **2016**, 17, 211	18.3	61
275	Four independent mutations in the feline fibroblast growth factor 5 gene determine the long-haired phenotype in domestic cats. *Journal of Heredity*, **2007**, 98, 555-66	2.4	61

274	Captive breeding of the cheetah (Acinonyx jubatus) in North American zoos (1871-1986). *Zoo Biology*, **1989**, 8, 3-16	1.6	61
273	The Cheetah in Genetic Peril. *Scientific American*, **1986**, 254, 84-92	0.5	61
272	Multistage genomewide association study identifies a locus at 1q41 associated with rate of HIV-1 disease progression to clinical AIDS. *Journal of Infectious Diseases*, **2010**, 201, 618-26	7	60
271	CCL3L1 and HIV/AIDS susceptibility. *Nature Medicine*, **2009**, 15, 1110-2	50.5	60
270	Association of polymorphisms in human leukocyte antigen class I and transporter associated with antigen processing genes with resistance to human immunodeficiency virus type 1 infection. *Journal of Infectious Diseases*, **2003**, 187, 1404-10	7	60
269	Rapid radiation events in the family Ursidae indicated by likelihood phylogenetic estimation from multiple fragments of mtDNA. *Molecular Phylogenetics and Evolution*, **1999**, 13, 82-92	4.1	60
268	Evolution of a major drug metabolizing enzyme defect in the domestic cat and other felidae: phylogenetic timing and the role of hypercarnivory. *PLoS ONE*, **2011**, 6, e18046	3.7	59
267	Molecular evolution and the role of oxidative stress in the expansion and functional diversification of cytosolic glutathione transferases. *BMC Evolutionary Biology*, **2010**, 10, 281	3	59
266	Safety issues in cell-based intervention trials. *Fertility and Sterility*, **2003**, 80, 1077-85	4.8	58
265	Patterns of Y and X chromosome DNA sequence divergence during the Felidae radiation. *Genetics*, **1998**, 148, 1245-55	4	58
264	Genetic variation in the CCL18-CCL3-CCL4 chemokine gene cluster influences HIV Type 1 transmission and AIDS disease progression. *American Journal of Human Genetics*, **2006**, 79, 120-8	11	57
263	Considering genetic profiles in functional studies of immune responsiveness to HIV-1. *Immunology Letters*, **2001**, 79, 131-40	4.1	56
262	Disparate phylogeographic patterns of molecular genetic variation in four closely related South American small cat species. *Molecular Ecology*, **1999**, 8, S79-94	5.7	56
261	Evolution of feline immunodeficiency virus in Felidae: implications for human health and wildlife ecology. *Veterinary Immunology and Immunopathology*, **2008**, 123, 32-44	2	55
260	A 1.5-Mb-resolution radiation hybrid map of the cat genome and comparative analysis with the canine and human genomes. *Genomics*, **2007**, 89, 189-96	4.3	55
259	The Feline Genome Project. *Annual Review of Genetics*, **2002**, 36, 657-86	14.5	55
258	Influence of CCR5 promoter haplotypes on AIDS progression in African-Americans. *Aids*, **2000**, 14, 2117-22	3.5	55
257	Ghetto legacy. *Current Biology*, **1991**, 1, 209-11	6.3	55

256	Regulatory polymorphisms in the cyclophilin A gene, PPIA, accelerate progression to AIDS. *PLoS Pathogens*, **2007**, 3, e88	7.6	54
255	Morphological Variability and Asymmetry in the Cheetah (Acinonyx jubatus), a Genetically Uniform Species. *Evolution; International Journal of Organic Evolution*, **1986**, 40, 78	3.8	54
254	Pangolin genomes and the evolution of mammalian scales and immunity. *Genome Research*, **2016**, 26, 1312-1322	9.7	54
253	Genomically intact endogenous feline leukemia viruses of recent origin. *Journal of Virology*, **2004**, 78, 4370-5	6.6	53
252	Nuclear gene sequences confirm an ancient link between New Zealand short-tailed bat and South American noctilionoid bats. *Molecular Phylogenetics and Evolution*, **2003**, 28, 308-19	4.1	53
251	Epizootiology and management of feline leukemia virus in the Florida puma. *Journal of Wildlife Diseases*, **2008**, 44, 537-52	1.3	52
250	Patterns of molecular genetic variation among cat breeds. *Genomics*, **2008**, 91, 1-11	4.3	51
249	MCP-1-MCP-3-Eotaxin gene cluster influences HIV-1 transmission. *Aids*, **2003**, 17, 2357-65	3.5	51
248	Serosurvey of viral infections in free-ranging Namibian cheetahs (Acinonyx jubatus). *Journal of Wildlife Diseases*, **2004**, 40, 23-31	1.3	51
247	Human immunodeficiency virus type 1 (HIV-1)-specific CD8+-T-cell responses for groups of HIV-1-infected individuals with different HLA-B*35 genotypes. *Journal of Virology*, **2002**, 76, 12603-10	6.6	51
246	Development of a feline whole genome radiation hybrid panel and comparative mapping of human chromosome 12 and 22 loci. *Genomics*, **1999**, 57, 1-8	4.3	51
245	White shark genome reveals ancient elasmobranch adaptations associated with wound healing and the maintenance of genome stability. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 4446-4455	11.5	51
244	Genetic Individualization of Domestic Cats Using Feline STR Loci for Forensic Applications. *Journal of Forensic Sciences*, **1997**, 42, 14258J	1.8	50
243	Subspecies genetic assignments of worldwide captive tigers increase conservation value of captive populations. *Current Biology*, **2008**, 18, 592-6	6.3	49
242	Pathological manifestations of feline immunodeficiency virus (FIV) infection in wild African lions. *Virology*, **2009**, 390, 1-12	3.6	48
241	Light whole genome sequence for SNP discovery across domestic cat breeds. *BMC Genomics*, **2010**, 11, 406	4.5	48
240	Diversity of MICA and linkage disequilibrium with HLA-B in two North American populations. *Human Immunology*, **2006**, 67, 152-8	2.3	48
239	Public Stem Cell Banks: Considerations of Justice in Stem Cell Research and Therapy. *Hastings Center Report*, **2003**, 33, 13	3.3	48

238	The origin of human chromosome 1 and its homologs in placental mammals. *Genome Research*, **2003**, 13, 1880-8	9.7	48
237	Olfactory Receptor Subgenomes Linked with Broad Ecological Adaptations in Sauropsida. *Molecular Biology and Evolution*, **2015**, 32, 2832-43	8.3	47
236	Mutation discovered in a feline model of human congenital retinal blinding disease **2010**, 51, 2852-9		47
235	Ecological and biogeographical inferences on two sympatric and enigmatic Andean cat species using genetic identification of faecal samples. *Molecular Ecology*, **2008**, 17, 678-90	5.7	47
234	Comparative genome organization of the major histocompatibility complex: lessons from the Felidae. *Immunological Reviews*, **1999**, 167, 133-44	11.3	47
233	Molecular phylogeny of mitochondrial cytochrome b and 12S rRNA sequences in the Felidae: ocelot and domestic cat lineages. *Molecular Phylogenetics and Evolution*, **1996**, 6, 351-65	4.1	47
232	A gene (Bevi) on human chromosome 6 is an integration site for baboon type C DNA provirus in human cells. *Cell*, **1978**, 14, 995-1005	56.2	47
231	Patterns of feline immunodeficiency virus multiple infection and genome divergence in a free-ranging population of African lions. *Journal of Virology*, **2004**, 78, 3777-91	6.6	46
230	Genome-wide association study implicates PARD3B-based AIDS restriction. *Journal of Infectious Diseases*, **2011**, 203, 1491-502	7	45
229	Polymorphisms of CUL5 are associated with CD4+ T cell loss in HIV-1 infected individuals. *PLoS Genetics*, **2007**, 3, e19	6	45
228	FIV cross-species transmission: an evolutionary prospective. *Veterinary Immunology and Immunopathology*, **2008**, 123, 159-66	2	44
227	Genetic characterization of feline leukemia virus from Florida panthers. *Emerging Infectious Diseases*, **2008**, 14, 252-9	10.2	44
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