Stephen J O'brien

List of Publications by Year
in descending order

422 papers	48,806 citations	1893 102 h-index	2280 200 g-index
426 all docs	426 docs citations	426 times ranked	37218 citing authors

#	Article	IF	Citations
1	Molecular phylogenetics and the origins of placental mammals. Nature, 2001, 409, 614-618.	27.8	1,292
2	Resolution of the Early Placental Mammal Radiation Using Bayesian Phylogenetics. Science, 2001, 294, 2348-2351.	12.6	1,215
3	HLA and HIV-1: Heterozygote Advantage and B*35-Cw*04 Disadvantage. Science, 1999, 283, 1748-1752.	12.6	1,151
4	Towards complete and error-free genome assemblies of all vertebrate species. Nature, 2021, 592, 737-746.	27.8	1,139
5	A Molecular Phylogeny of Living Primates. PLoS Genetics, 2011, 7, e1001342.	3.5	1,130
6	Epistatic interaction between KIR3DS1 and HLA-B delays the progression to AIDS. Nature Genetics, 2002, 31, 429-434.	21.4	1,090
7	HLA and NK Cell Inhibitory Receptor Genes in Resolving Hepatitis C Virus Infection. Science, 2004, 305, 872-874.	12.6	1,086
8	A Molecular Phylogeny for Bats Illuminates Biogeography and the Fossil Record. Science, 2005, 307, 580-584.	12.6	988
9	Comparative genomics reveals insights into avian genome evolution and adaptation. Science, 2014, 346, 1311-1320.	12.6	895
10	Contrasting Genetic Influence of CCR2 and CCR5 Variants on HIV-1 Infection and Disease Progression. Science, 1997, 277, 959-965.	12.6	860
11	Placental mammal diversification and the Cretaceousâ€“Tertiary boundary. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 1056-1061.	7.1	767
12	Innate partnership of HLA-B and KIR3DL1 subtypes against HIV-1. Nature Genetics, 2007, 39, 733-740.	21.4	691
13	The Influence ofHLAGenotype on AIDS. Annual Review of Medicine, 2003, 54, 535-551.	12.2	690
14	Genetic Restriction of AIDS Pathogenesis by an SDF-1 Chemokine Gene Variant. Science, 1998, 279, 389-393.	12.6	674
15	A canine distemper virus epidemic in Serengeti lions (Panthera leo). Nature, 1996, 379, 441-445.	27.8	671
16	The Late Miocene Radiation of Modern Felidae: A Genetic Assessment. Science, 2006, 311, 73-77.	12.6	596
17	Dynamics of Mammalian Chromosome Evolution Inferred from Multispecies Comparative Maps. Science, 2005, 309, 613-617.	12.6	542
18	Numt, a recent transfer and tandem amplification of mitochondrial DNA to the nuclear genome of the domestic cat. Journal of Molecular Evolution, 1994, 39, 174-190.	1.8	528

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19	Mechanism of met oncogene activation. Cell, 1986, 45, 895-904.	28.9	523
20	Dating the Origin of the CCR5-Î”32 AIDS-Resistance Allele by the Coalescence of Haplotypes. American Journal of Human Genetics, 1998, 62, 1507-1515.	6.2	507
21	Anchored reference loci for comparative genome mapping in mammals. Nature Genetics, 1993, 3, 103-112.	21.4	499
22	Genetic Restoration of the Florida Panther. Science, 2010, 329, 1641-1645.	12.6	467
23	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, 1668-1675.	27.0	456
24	Interactive influence of infectious disease and genetic diversity in natural populations. Trends in Ecology and Evolution, 1988, 3, 254-259.	8.7	452
25	Methods for High-Density Admixture Mapping of Disease Genes. American Journal of Human Genetics, 2004, 74, 979-1000.	6.2	437
26	The Promise of Comparative Genomics in Mammals. Science, 1999, 286, 458-481.	12.6	423
27	A High-Density Admixture Map for Disease Gene Discovery in African Americans. American Journal of Human Genetics, 2004, 74, 1001-1013.	6.2	416
28	The Near Eastern Origin of Cat Domestication. Science, 2007, 317, 519-523.	12.6	414
29	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, 9971-9978.	7.1	397
30	Bureaucratic Mischief: Recognizing Endangered Species and Subspecies. Science, 1991, 251, 1187-1188.	12.6	392
31	A Genetic Linkage Map of Microsatellites in the Domestic Cat (Felis catus). Genomics, 1999, 57, 9-23.	2.9	377
32	Common Genetic Variation and the Control of HIV-1 in Humans. PLoS Genetics, 2009, 5, e1000791.	3.5	377
33	Detecting single base substitutions as heteroduplex polymorphisms. Genomics, 1992, 12, 301-306.	2.9	369
34	Genetic fingerprinting reflects population differentiation in the California Channel Island fox. Nature, 1990, 344, 764-767.	27.8	355
35	Genome-wide scans for footprints of natural selection. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 185-205.	4.0	343
36	A variant of the gene encoding leukotriene A4 hydrolase confers ethnicity-specific risk of myocardial infarction. Nature Genetics, 2006, 38, 68-74.	21.4	339

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37	Comparative anchor tagged sequences (CATS) for integrative mapping of mammalian genomes. Nature Genetics, 1997, 15, 47-56.	21.4	338
38	The consequences of demographic reduction and genetic depletion in the endangered Florida panther. Current Biology, 1993, 3, 340-350.	3.9	336
39	Mammalian phylogenomics comes of age. Trends in Genetics, 2004, 20, 631-639.	6.7	327
40	Initial sequence and comparative analysis of the cat genome. Genome Research, 2007, 17, 1675-1689.	5.5	311
41	The adaptive evolution of the mammalian mitochondrial genome. BMC Genomics, 2008, 9, 119.	2.8	303
42	The Genome 10K Project: A Way Forward. Annual Review of Animal Biosciences, 2015, 3, 57-111.	7.4	294
43	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, 17230-17235.	7.1	281
44	Genetic Evidence for Two Species of Elephant in Africa. Science, 2001, 293, 1473-1477.	12.6	280
45	Human genes that limit AIDS. Nature Genetics, 2004, 36, 565-574.	21.4	278
46	Molecular Genetics and Evolution of Melanism in the Cat Family. Current Biology, 2003, 13, 448-453.	3.9	274
47	Mitochondrial genomes reveal an explosive radiation of extinct and extant bears near the Miocene-Pliocene boundary. BMC Evolutionary Biology, 2008, 8, 220.	3.2	261
48	Accounting for multiple comparisons in a genome-wide association study (GWAS). BMC Genomics, 2010, 11, 724.	2.8	256
49	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, 229-246.	2.9	244
50	The effect of genetic variation in chemokines and their receptorson HIV transmission and progression to AIDS. Immunological Reviews, 2000, 177, 99-111.	6.0	244
51	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.	6.4	241
52	Minke whale genome and aquatic adaptation in cetaceans. Nature Genetics, 2014, 46, 88-92.	21.4	227
53	A molecular solution to the riddle of the giant panda's phylogeny. Nature, 1985, 317, 140-144.	27.8	221
54	Guidelines for Naming Nonprimate APOBEC3 Genes and Proteins. Journal of Virology, 2009, 83, 494-497.	3.4	217

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55	The tiger genome and comparative analysis with lion and snow leopard genomes. Nature Communications, 2013, 4, 2433.	12.8	217
56	Canine and Feline Parvoviruses Can Use Human or Feline Transferrin Receptors To Bind, Enter, and Infect Cells. Journal of Virology, 2001, 75, 3896-3902.	3.4	209
57	Pattern and timing of diversification of the mammalian order Carnivora inferred from multiple nuclear gene sequences. Molecular Phylogenetics and Evolution, 2010, 56, 49-63.	2.7	206
58	HLA and AIDS: a cautionary tale. Trends in Molecular Medicine, 2001, 7, 379-381.	6.7	202
59	Phylogeography and Genetic Ancestry of Tigers (Panthera tigris). PLoS Biology, 2004, 2, e442.	5.6	197
60	Mapping by admixture linkage disequilibrium: advances, limitations and guidelines. Nature Reviews Genetics, 2005, 6, 623-632.	16.3	197
61	Modulating influence on HIV/AIDS by interactingRANTESgene variants. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 10002-10007.	7.1	196
62	AIDS restriction HLA allotypes target distinct intervals of HIV-1 pathogenesis. Nature Medicine, 2005, 11, 1290-1292.	30.7	192
63	Cytonuclear genomic dissociation in African elephant species. Nature Genetics, 2005, 37, 96-100.	21.4	185
64	Expression of the human c-fms proto-oncogene in hematopoietic cells and its deletion in the 5qâ˜ syndrome. Cell, 1985, 42, 421-428.	28.9	181
65	Phylogeography, population history and conservation genetics of jaguars (Panthera onca, Mammalia,) Tj ETQq1 1 0.784314 rgBT /Ove	3.9	179
66	APOBEC3G Genetic Variants and Their Influence on the Progression to AIDS. Journal of Virology, 2004, 78, 11070-11076.	3.4	178
67	HLA-Cw*04 and Hepatitis C Virus Persistence. Journal of Virology, 2002, 76, 4792-4797.	3.4	176
68	A Family Matter: Conclusive Resolution of the Taxonomic Position of the Long-Fingered Bats, Miniopterus. Molecular Biology and Evolution, 2007, 24, 1553-1561.	8.9	176
69	Evolution of mammalian genome organization inferred from comparative gene mapping. Genome Biology, 2001, 2, reviews0005.1.	9.6	168
70	Phylogenetics, genome diversity and origin of modern leopard,Panthera pardus. Molecular Ecology, 2001, 10, 2617-2633.	3.9	168
71	Genomic legacy of the African cheetah, Acinonyx jubatus. Genome Biology, 2015, 16, 277.	8.8	167
72	Immunologic and virologic response to highly active antiretroviral therapy in the Multicenter AIDS Cohort Study. Aids, 2001, 15, 735-746.	2.2	159

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73	Genetic variance of laboratory outbred Swiss mice. Nature, 1980, 283, 157-161.	27.8	157
74	Genome-wide Evidence Reveals that African and Eurasian Golden Jackals Are Distinct Species. Current Biology, 2015, 25, 2158-2165.	3.9	156
75	Dispersion of the ras family of transforming genes to four different chromosomes in man. Nature, 1983, 302, 839-842.	27.8	155
76	Molecular analysis of integrated human papillomavirus 16 sequences in the cervical cancer cell line SiHa. Virology, 1987, 159, 389-398.	2.4	153
77	Novel Alleles of the Chemokine-Receptor Gene CCR5. American Journal of Human Genetics, 1997, 61, 1261-1267.	6.2	152
78	Unusual Polymorphisms in Human Immunodeficiency Virus Type 1 Associated with Nonprogressive Infection. Journal of Virology, 2000, 74, 4361-4376.	3.4	152
79	BALANCEDPOLYMORPHISMSELECTED BYGENETICVERSUSINFECTIOUSHUMANDISEASE. Annual Review of Genomics and Human Genetics, 2002, 3, 263-292.	6.2	150
80	Mesozoic origin for West Indian insectivores. Nature, 2004, 429, 649-651.	27.8	149
81	KIR/HLA Pleiotropism: Protection against Both HIV and Opportunistic Infections. PLoS Pathogens, 2006, 2, e79.	4.7	149
82	Origin of the HIV-Susceptible Human CD4+ Cell Line H9. AIDS Research and Human Retroviruses, 1989, 5, 253-255.	1.1	148
83	Every genome sequence needs a good map. Genome Research, 2009, 19, 1925-1928.	5.5	148
84	Genome-wide signatures of complex introgression and adaptive evolution in the big cats. Science Advances, 2017, 3, e1700299.	10.3	142
85	Comprehensive Analysis of Class I and Class II HLA Antigens and Chronic Hepatitis B Virus Infection. Journal of Virology, 2003, 77, 12083-12087.	3.4	133
86	Seroprevalence and Genomic Divergence of Circulating Strains of Feline Immunodeficiency Virus among Felidae and Hyaenidae Species. Journal of Virology, 2005, 79, 8282-8294.	3.4	132
87	Evaluation of nonviral risk factors for nasopharyngeal carcinoma in a highâ€risk population of Southern China. International Journal of Cancer, 2009, 124, 2942-2947.	5.1	130
88	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, 422-428.	7.3	129
89	Comparative genomics: lessons from cats. Trends in Genetics, 1997, 13, 393-399.	6.7	128
90	Patterns of Genetic Diversity in Remaining Giant Panda Populations. Conservation Biology, 2001, 15, 1596-1607.	4.7	128

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91	A genome-to-genome analysis of associations between human genetic variation, HIV-1 sequence diversity, and viral control. ELife, 2013, 2, e01123.	6.0	126
92	Rapid evolution of a heteroplasmic repetitive sequence in the mitochondrial DNA control region of carnivores. Journal of Molecular Evolution, 1994, 39, 191-199.	1.8	121
93	Mammalian genome mapping: lessons and prospects. Current Opinion in Genetics and Development, 1991, 1, 105-111.	3.3	120
94	Phylogeographic Subspecies Recognition in Leopards (Panthera pardus): Molecular Genetic Variation. Conservation Biology, 1996, 10, 1115-1132.	4.7	118
95	Allozyme Divergence Within the Canidae. Systematic Zoology, 1987, 36, 339.	1.6	117
96	A Radiation Hybrid Map of the Cat Genome: Implications for Comparative Mapping. Genome Research, 2000, 10, 691-702.	5.5	116
97	Cytotoxic T-Lymphocyte Antigen 4 Gene and Recovery from Hepatitis B Virus Infection. Journal of Virology, 2004, 78, 11258-11262.	3.4	116
98	Effects of human TRIM5Î± polymorphisms on antiretroviral function and susceptibility to human immunodeficiency virus infection. Virology, 2006, 354, 15-27.	2.4	116
99	Functions, structure, and read-through alternative splicing of feline APOBEC3 genes. Genome Biology, 2008, 9, R48.	9.6	116
100	THE Î±-GLYCEROPHOSPHATE IN DROSOPHILA MELANOGASTER II. GENETIC ASPECTS. Genetics, 1972, 71, 127-138.	2.9	116
101	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, 14053-14056.	3.4	114
102	Genetic characterization of canine distemper virus in Serengeti carnivores. Veterinary Immunology and Immunopathology, 1998, 65, 259-266.	1.2	113
103	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.	2.9	113
104	Red fox genome assembly identifies genomic regions associated with tame and aggressive behaviours. Nature Ecology and Evolution, 2018, 2, 1479-1491.	7.8	113
105	Specifying and Sustaining Pigmentation Patterns in Domestic and Wild Cats. Science, 2012, 337, 1536-1541.	12.6	110
106	Association Study of Common Genetic Variants and HIV-1 Acquisition in 6,300 Infected Cases and 7,200 Controls. PLoS Pathogens, 2013, 9, e1003515.	4.7	109
107	The Adequacy of Morphology for Reconstructing the Early History of Placental Mammals. Systematic Biology, 2007, 56, 673-684.	5.6	107
108	Chromosomal-Level Assembly of the Asian Seabass Genome Using Long Sequence Reads and Multi-layered Scaffolding. PLoS Genetics, 2016, 12, e1005954.	3.5	105

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109	The Î±-glycerophosphate cycle inDrosophila melanogaster. I. Biochemical and developmental aspects. Biochemical Genetics, 1972, 7, 141-161.	1.7	104
110	An Analysis of Gene-Enzyme Variability in Natural Populations of Drosophila melanogaster and D. simulans. American Naturalist, 1969, 103, 97-113.	2.1	103
111	An STR Forensic Typing System for Genetic Individualization of Domestic Cat (Felis catus) Samples. Journal of Forensic Sciences, 2005, 50, 1-10.	1.6	103
112	Extensive Conservation of Sex Chromosome Organization Between Cat and Human Revealed by Parallel Radiation Hybrid Mapping. Genome Research, 1999, 9, 1223-1230.	5.5	101
113	Comparative Genome Organization of Human, Murine, and Feline MHC Class II Region. Genome Research, 2003, 13, 1169-1179.	5.5	101
114	Comparison of carnivore, omnivore, and herbivore mammalian genomes with a new leopard assembly. Genome Biology, 2016, 17, 211.	8.8	101
115	Molecular Evidence for Species-Level Distinctions in Clouded Leopards. Current Biology, 2006, 16, 2371-2376.	3.9	98
116	Genetics and Pathogenesis of Feline Infectious Peritonitis Virus. Emerging Infectious Diseases, 2009, 15, 1445-1452.	4.3	98
117	The Taming of the Cat. Scientific American, 2009, 300, 68-75.	1.0	98
118	Patterns of molecular genetic variation among African elephant populations. Molecular Ecology, 2002, 11, 2489-2498.	3.9	96
119	The Global Invertebrate Genomics Alliance (GIGA): Developing Community Resources to Study Diverse Invertebrate Genomes. Journal of Heredity, 2014, 105, 1-18.	2.4	96
120	Genomic differentiation among natural populations of orang-utan (Pongo pygmaeus). Current Biology, 1996, 6, 1326-1336.	3.9	95
121	Pangolin genomes and the evolution of mammalian scales and immunity. Genome Research, 2016, 26, 1312-1322.	5.5	95
122	Significant Admixture Linkage Disequilibrium across 30 cM around the FY Locus in African Americans. American Journal of Human Genetics, 2000, 66, 969-978.	6.2	93
123	SEGMENTAL ANEUPLOIDY AS A PROBE FOR STRUCTURAL GENES IN DROSOPHILA: MITOCHONDRIAL MEMBRANE ENZYMES. Genetics, 1973, 75, 155-167.	2.9	93
124	Mapping of the gene encoding the Î± subunit of the stimulatory G protein of adenylyl cyclase (GNAS1) to 20q13.2 â†' q13.3 in human by in situ hybridization. Genomics, 1991, 11, 478-479.	2.9	92
125	Mutation in CEP290 Discovered for Cat Model of Human Retinal Degeneration. Journal of Heredity, 2007, 98, 211-220.	2.4	92
126	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.	7.1	92

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127	Pet cat hair implicates murder suspect. Nature, 1997, 386, 774-774.	27.8	91
128	The Evolutionary Dynamics of the Lion Panthera leo Revealed by Host and Viral Population Genomics. PLoS Genetics, 2008, 4, e1000251.	3.5	91
129	The Principal Genetic Determinants for Nasopharyngeal Carcinoma in China Involve the HLA Class I Antigen Recognition Groove. PLoS Genetics, 2012, 8, e1003103.	3.5	91
130	Genomic Microsatellites as Evolutionary Chronometers: A Test in Wild Cats. Genome Research, 2002, 12, 414-423.	5.5	90
131	A homozygous single-base deletion in MLPH causes the dilute coat color phenotype in the domestic cat. Genomics, 2006, 88, 698-705.	2.9	89
132	A molecular approach to the identification and individualization of human and animal cells in culture: Isozyme and allozyme genetic signatures. In Vitro, 1980, 16, 119-135.	1.2	87
133	Phylogeographic Patterns and Evolution of the Mitochondrial DNA Control Region in Two Neotropical Cats (Mammalia, Felidae). Journal of Molecular Evolution, 1998, 47, 613-624.	1.8	87
134	Elevated male European and female African contributions to the genomes of African American individuals. Human Genetics, 2006, 120, 713-722.	3.8	84
135	The Cheetah in Genetic Peril. Scientific American, 1986, 254, 84-92.	1.0	83
136	Pandas, people and policy. Nature, 1994, 369, 179-180.	27.8	83
137	Genetic Protection against Hepatitis B Virus Conferred by CCR5Î”32 : Evidence that CCR5 Contributes to Viral Persistence. Journal of Virology, 2007, 81, 441-445.	3.4	83
138	Mapping of an endogenous retroviral sequence to human chromosome 18. Nature, 1983, 303, 74-77.	27.8	80
139	Polygenic and Multifactorial Disease Gene Association in Man: Lessons from AIDS. Annual Review of Genetics, 2000, 34, 563-591.	7.6	80
140	Evolutionary analysis of a large mtDNA translocation (numt) into the nuclear genome of the Panthera genus species. Gene, 2006, 366, 292-302.	2.2	79
141	State of cat genomics. Trends in Genetics, 2008, 24, 268-279.	6.7	79
142	Mitochondrial DNA haplogroups influence AIDS progression. Aids, 2008, 22, 2429-2439.	2.2	78
143	Chromosomal localization of the genes encoding two forms of the G protein Î² polypeptide, Î²1 and Î²3, in man. Genomics, 1990, 8, 380-386.	2.9	77
144	A Common HLAâ€“DPA1 Variant is a Major Determinant of Hepatitis B Virus Clearance in Han Chinese. Journal of Infectious Diseases, 2011, 203, 943-947.	4.0	76

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145	Mannose Binding Lectin Genotypes Influence Recovery from Hepatitis B Virus Infection. Journal of Virology, 2005, 79, 9192-9196.	3.4	73
146	Olfactory Receptor Subgenomes Linked with Broad Ecological Adaptations in Sauropsida. Molecular Biology and Evolution, 2015, 32, 2832-2843.	8.9	73
147	Patterns of Y and X Chromosome DNA Sequence Divergence During the Felidae Radiation. Genetics, 1998, 148, 1245-1255.	2.9	73
148	Safety issues in cell-based intervention trials. Fertility and Sterility, 2003, 80, 1077-1085.	1.0	72
149	Four Independent Mutations in the Feline Fibroblast Growth Factor 5 Gene Determine the Long-Haired Phenotype in Domestic Cats. Journal of Heredity, 2007, 98, 555-566.	2.4	71
150	Molecular evolution and the role of oxidative stress in the expansion and functional diversification of cytosolic glutathione transferases. BMC Evolutionary Biology, 2010, 10, 281.	3.2	71
151	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.	2.5	71
152	Influence of CCR5 promoter haplotypes on AIDS progression in Africanâ€“Americans. Aids, 2000, 14, 2117-2122.	2.2	70
153	The Origin of Human Chromosome 1 and Its Homologs in Placental Mammals. Genome Research, 2003, 13, 1880-8.	5.5	70
154	CCL3L1 and HIV/AIDS susceptibility. Nature Medicine, 2009, 15, 1110-1112.	30.7	70
155	The evolutionary history of extinct and living lions. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10927-10934.	7.1	70
156	Disparate phylogeographic patterns of molecular genetic variation in four closely related South American small cat species. Molecular Ecology, 1999, 8, S79-S94.	3.9	69
157	Ancestral primate viewed. Nature, 1999, 402, 365-366.	27.8	69
158	Mitochondrial DNA Haplogroups Influence Lipoatrophy After Highly Active Antiretroviral Therapy. Journal of Acquired Immune Deficiency Syndromes (1999), 2009, 51, 111-116.	2.1	69
159	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.	2.7	68
160	Chromosomer: a reference-based genome arrangement tool for producing draft chromosome sequences. GigaScience, 2016, 5, 38.	6.4	68
161	Considering genetic profiles in functional studies of immune responsiveness to HIV-1. Immunology Letters, 2001, 79, 131-140.	2.5	67
162	EPIZOOTIOLOGY AND MANAGEMENT OF FELINE LEUKEMIA VIRUS IN THE FLORIDA PUMA. Journal of Wildlife Diseases, 2008, 44, 537-552.	0.8	67

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163	Multistage Genomewide Association Study Identifies a Locus at 1q41 Associated with Rate of HIVâ€¡ Disease Progression to Clinical AIDS. Journal of Infectious Diseases, 2010, 201, 618-626.	4.0	67
164	Public Stem Cell Banks: Considerations of Justice in Stem Cell Research and Therapy. Hastings Center Report, 2003, 33, 13.	1.0	66
165	Endogenous Retrovirus Insertion in theKITOncogene DeterminesWhiteandWhite spottingin Domestic Cats. G3: Genes, Genomes, Genetics, 2014, 4, 1881-1891.	1.8	66
166	Captive breeding of the cheetah (Acinonyx jubatus) in North American zoos (1871-1986). Zoo Biology, 1989, 8, 3-16.	1.2	65
167	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, 1404-1410.	4.0	65
168	Genomically Intact Endogenous Feline Leukemia Viruses of Recent Origin. Journal of Virology, 2004, 78, 4370-4375.	3.4	65
169	Mammalian keratin associated proteins (KRTAPs) subgenomes: disentangling hair diversity and adaptation to terrestrial and aquatic environments. BMC Genomics, 2014, 15, 779.	2.8	64
170	The Complete Phylogeny of Pangolins: Scaling Up Resources for the Molecular Tracing of the Most Trafficked Mammals on Earth. Journal of Heredity, 2018, 109, 347-359.	2.4	64
171	The Feline Genome Project. Annual Review of Genetics, 2002, 36, 657-686.	7.6	63
172	MCP-1-MCP-3â€“Eotaxin gene cluster influences HIV-1 transmission. Aids, 2003, 17, 2357-2365.	2.2	63
173	SEROSURVEY OF VIRAL INFECTIONS IN FREE-RANGING NAMIBIAN CHEETAHS (ACINONYX JUBATUS). Journal of Wildlife Diseases, 2004, 40, 23-31.	0.8	63
174	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, 120-128.	6.2	63
175	Patterns of molecular genetic variation among cat breeds. Genomics, 2008, 91, 1-11.	2.9	63
176	Evolution of feline immunodeficiency virus in Felidae: Implications for human health and wildlife ecology. Veterinary Immunology and Immunopathology, 2008, 123, 32-44.	1.2	62
177	A MOLECULAR PHYLOGENY OF THE FELIDAE: IMMUNOLOGICAL DISTANCE. Evolution; International Journal of Organic Evolution, 1985, 39, 473-487.	2.3	60
178	Genetic Characterization of Feline Leukemia Virus from Florida Panthers. Emerging Infectious Diseases, 2008, 14, 252-259.	4.3	60
179	Genome-Wide Evolutionary Analysis of Natural History and Adaptation in the Worldâ€™s Tigers. Current Biology, 2018, 28, 3840-3849.e6.	3.9	60
180	Genetic Individualization of Domestic Cats Using Feline STR Loci for Forensic Applications. Journal of Forensic Sciences, 1997, 42, 1039-1051.	1.6	60

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181	In Search of AIDS-Resistance Genes. Scientific American, 1997, 277, 44-51.	1.0	59
182	Subspecies Genetic Assignments of Worldwide Captive Tigers Increase Conservation Value of Captive Populations. Current Biology, 2008, 18, 592-596.	3.9	59
183	Mitochondrial Phylogeography Illuminates the Origin of the Extinct Caspian Tiger and Its Relationship to the Amur Tiger. PLoS ONE, 2009, 4, e4125.	2.5	59
184	Ghetto legacy. Current Biology, 1991, 1, 209-211.	3.9	58
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