

Stephen Obrien

List of Publications by Year in descending order

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450
papers

49,076
citations

1614

105
h-index

2243

201
g-index

458
all docs

458
docs citations

458
times ranked

38759
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	A Molecular Phylogeny of Living Primates. PLoS Genetics, 2011, 7, e1001342.	3.5	1,130
5	Epistatic interaction between KIR3DS1 and HLA-B delays the progression to AIDS. Nature Genetics, 2002, 31, 429-434.	21.4	1,090
6	HLA and NK Cell Inhibitory Receptor Genes in Resolving Hepatitis C Virus Infection. Science, 2004, 305, 872-874.	12.6	1,086
7	A Molecular Phylogeny for Bats Illuminates Biogeography and the Fossil Record. Science, 2005, 307, 580-584.	12.6	988
8	Comparative genomics reveals insights into avian genome evolution and adaptation. Science, 2014, 346, 1311-1320.	12.6	895
9	Contrasting Genetic Influence of CCR2 and CCR5 Variants on HIV-1 Infection and Disease Progression. Science, 1997, 277, 959-965.	12.6	860
10	Placental mammal diversification and the Cretaceous-Tertiary boundary. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 1056-1061.	7.1	767
11	Innate partnership of HLA-B and KIR3DL1 subtypes against HIV-1. Nature Genetics, 2007, 39, 733-740.	21.4	691
12	The Influence of HLA Genotype on AIDS. Annual Review of Medicine, 2003, 54, 535-551.	12.2	690
13	Genetic Restriction of AIDS Pathogenesis by an SDF-1 Chemokine Gene Variant. Science, 1998, 279, 389-393.	12.6	674
14	A canine distemper virus epidemic in Serengeti lions (Panthera leo). Nature, 1996, 379, 441-445.	27.8	671
15	The Late Miocene Radiation of Modern Felidae: A Genetic Assessment. Science, 2006, 311, 73-77.	12.6	596
16	Dynamics of Mammalian Chromosome Evolution Inferred from Multispecies Comparative Maps. Science, 2005, 309, 613-617.	12.6	542
17	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
18	Mechanism of met oncogene activation. Cell, 1986, 45, 895-904.	28.9	523

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19	Dating the Origin of the CCR5-Δ32 AIDS-Resistance Allele by the Coalescence of Haplotypes. American Journal of Human Genetics, 1998, 62, 1507-1515.	6.2	507
20	Anchored reference loci for comparative genome mapping in mammals. Nature Genetics, 1993, 3, 103-112.	21.4	499
21	Genetic Restoration of the Florida Panther. Science, 2010, 329, 1641-1645.	12.6	467
22	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
23	Interactive influence of infectious disease and genetic diversity in natural populations. Trends in Ecology and Evolution, 1988, 3, 254-259.	8.7	452
24	Methods for High-Density Admixture Mapping of Disease Genes. American Journal of Human Genetics, 2004, 74, 979-1000.	6.2	437
25	The Promise of Comparative Genomics in Mammals. Science, 1999, 286, 458-481.	12.6	423
26	A High-Density Admixture Map for Disease Gene Discovery in African Americans. American Journal of Human Genetics, 2004, 74, 1001-1013.	6.2	416
27	The Near Eastern Origin of Cat Domestication. Science, 2007, 317, 519-523.	12.6	414
28	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
29	Bureaucratic Mischief: Recognizing Endangered Species and Subspecies. Science, 1991, 251, 1187-1188.	12.6	392
30	A Genetic Linkage Map of Microsatellites in the Domestic Cat (Felis catus). Genomics, 1999, 57, 9-23.	2.9	377
31	Common Genetic Variation and the Control of HIV-1 in Humans. PLoS Genetics, 2009, 5, e1000791.	3.5	377
32	Detecting single base substitutions as heteroduplex polymorphisms. Genomics, 1992, 12, 301-306.	2.9	369
33	Genetic fingerprinting reflects population differentiation in the California Channel Island fox. Nature, 1990, 344, 764-767.	27.8	355
34	Genome-wide scans for footprints of natural selection. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 185-205.	4.0	343
35	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
36	Comparative anchor tagged sequences (CATS) for integrative mapping of mammalian genomes. Nature Genetics, 1997, 15, 47-56.	21.4	338

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37	The consequences of demographic reduction and genetic depletion in the endangered Florida panther. <i>Current Biology</i> , 1993, 3, 340-350.	3.9	336
38	Mammalian phylogenomics comes of age. <i>Trends in Genetics</i> , 2004, 20, 631-639.	6.7	327
39	Initial sequence and comparative analysis of the cat genome. <i>Genome Research</i> , 2007, 17, 1675-1689.	5.5	311
40	The adaptive evolution of the mammalian mitochondrial genome. <i>BMC Genomics</i> , 2008, 9, 119.	2.8	303
41	The Genome 10K Project: A Way Forward. <i>Annual Review of Animal Biosciences</i> , 2015, 3, 57-111.	7.4	294
42	Comparative analysis of the domestic cat genome reveals genetic signatures underlying feline biology and domestication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17230-17235.	7.1	281
43	Genetic Evidence for Two Species of Elephant in Africa. <i>Science</i> , 2001, 293, 1473-1477.	12.6	280
44	Human genes that limit AIDS. <i>Nature Genetics</i> , 2004, 36, 565-574.	21.4	278
45	Molecular Genetics and Evolution of Melanism in the Cat Family. <i>Current Biology</i> , 2003, 13, 448-453.	3.9	274
46	Mitochondrial genomes reveal an explosive radiation of extinct and extant bears near the Miocene-Pliocene boundary. <i>BMC Evolutionary Biology</i> , 2008, 8, 220.	3.2	261
47	Accounting for multiple comparisons in a genome-wide association study (GWAS). <i>BMC Genomics</i> , 2010, 11, 724.	2.8	256
48	Complete Nucleotide Sequences of the Domestic Cat (<i>Felis catus</i>) Mitochondrial Genome and a Transposed mtDNA Tandem Repeat (Numt) in the Nuclear Genome. <i>Genomics</i> , 1996, 33, 229-246.	2.9	244
49	The effect of genetic variation in chemokines and their receptor on HIV transmission and progression to AIDS. <i>Immunological Reviews</i> , 2000, 177, 99-111.	6.0	244
50	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. <i>GigaScience</i> , 2015, 4, 1.	6.4	241
51	Minke whale genome and aquatic adaptation in cetaceans. <i>Nature Genetics</i> , 2014, 46, 88-92.	21.4	227
52	A molecular solution to the riddle of the giant panda's phylogeny. <i>Nature</i> , 1985, 317, 140-144.	27.8	221
53	Guidelines for Naming Nonprimate APOBEC3 Genes and Proteins. <i>Journal of Virology</i> , 2009, 83, 494-497.	3.4	217
54	The tiger genome and comparative analysis with lion and snow leopard genomes. <i>Nature Communications</i> , 2013, 4, 2433.	12.8	217

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55	Canine and Feline Parvoviruses Can Use Human or Feline Transferrin Receptors To Bind, Enter, and Infect Cells. <i>Journal of Virology</i> , 2001, 75, 3896-3902.	3.4	209
56	Pattern and timing of diversification of the mammalian order Carnivora inferred from multiple nuclear gene sequences. <i>Molecular Phylogenetics and Evolution</i> , 2010, 56, 49-63.	2.7	206
57	HLA and AIDS: a cautionary tale. <i>Trends in Molecular Medicine</i> , 2001, 7, 379-381.	6.7	202
58	Phylogeography and Genetic Ancestry of Tigers (<i>Panthera tigris</i>). <i>PLoS Biology</i> , 2004, 2, e442.	5.6	197
59	Mapping by admixture linkage disequilibrium: advances, limitations and guidelines. <i>Nature Reviews Genetics</i> , 2005, 6, 623-632.	16.3	197
60	Modulating influence on HIV/AIDS by interacting <i>RANTES</i> gene variants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 10002-10007.	7.1	196
61	AIDS restriction HLA allotypes target distinct intervals of HIV-1 pathogenesis. <i>Nature Medicine</i> , 2005, 11, 1290-1292.	30.7	192
62	Cytonuclear genomic dissociation in African elephant species. <i>Nature Genetics</i> , 2005, 37, 96-100.	21.4	185
63	Phylogenetic reconstruction of the felidae using 16S rRNA and NADH-5 mitochondrial genes. <i>Journal of Molecular Evolution</i> , 1997, 44, S98-S116.	1.8	182
64	Expression of the human c-fms proto-oncogene in hematopoietic cells and its deletion in the 5qâ syndrome. <i>Cell</i> , 1985, 42, 421-428.	28.9	181
65	Phylogeography, population history and conservation genetics of jaguars (<i>Panthera onca</i> , Mammalia,) Tj ETQq1 1 0,784314 rgBT /Overl	3.9	179
66	APOBEC3G Genetic Variants and Their Influence on the Progression to AIDS. <i>Journal of Virology</i> , 2004, 78, 11070-11076.	3.4	178
67	<i>HLA-Cw*04</i> and Hepatitis C Virus Persistence. <i>Journal of Virology</i> , 2002, 76, 4792-4797.	3.4	176
68	A Family Matter: Conclusive Resolution of the Taxonomic Position of the Long-Fingered Bats, <i>Miniopterus</i> . <i>Molecular Biology and Evolution</i> , 2007, 24, 1553-1561.	8.9	176
69	Genomics in Conservation: Case Studies and Bridging the Gap between Data and Application. <i>Trends in Ecology and Evolution</i> , 2016, 31, 81-83.	8.7	173
70	Phylogenetics, genome diversity and origin of modern leopard, <i>Panthera pardus</i> . <i>Molecular Ecology</i> , 2001, 10, 2617-2633.	3.9	168
71	Genomic legacy of the African cheetah, <i>Acinonyx jubatus</i> . <i>Genome Biology</i> , 2015, 16, 277.	8.8	167
72	Exclusive and Persistent Use of the Entry Coreceptor CXCR4 by Human Immunodeficiency Virus Type 1 from a Subject Homozygous for <i>CCR5</i> Δ32. <i>Journal of Virology</i> , 1998, 72, 6040-6047.	3.4	163

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73	Immunologic and virologic response to highly active antiretroviral therapy in the Multicenter AIDS Cohort Study. <i>Aids</i> , 2001, 15, 735-746.	2.2	159
74	Genetic variance of laboratory outbred Swiss mice. <i>Nature</i> , 1980, 283, 157-161.	27.8	157
75	Genome-wide Evidence Reveals that African and Eurasian Golden Jackals Are Distinct Species. <i>Current Biology</i> , 2015, 25, 2158-2165.	3.9	156
76	Dispersion of the ras family of transforming genes to four different chromosomes in man. <i>Nature</i> , 1983, 302, 839-842.	27.8	155
77	Molecular analysis of integrated human papillomavirus 16 sequences in the cervical cancer cell line SiHa. <i>Virology</i> , 1987, 159, 389-398.	2.4	153
78	Transactivation induced by human T-lymphotropic virus type III (HTLV III) maps to a viral sequence encoding 58 amino acids and lacks tissue specificity. <i>Virology</i> , 1986, 148, 226-231.	2.4	152
79	Novel Alleles of the Chemokine-Receptor Gene CCR5. <i>American Journal of Human Genetics</i> , 1997, 61, 1261-1267.	6.2	152
80	Unusual Polymorphisms in Human Immunodeficiency Virus Type 1 Associated with Nonprogressive Infection. <i>Journal of Virology</i> , 2000, 74, 4361-4376.	3.4	152
81	BALANCEDPOLYMORPHISMSELECTED BYGENETICVERSUSINFECTIOUSHUMAN DISEASE. <i>Annual Review of Genomics and Human Genetics</i> , 2002, 3, 263-292.	6.2	150
82	Mesozoic origin for West Indian insectivores. <i>Nature</i> , 2004, 429, 649-651.	27.8	149
83	KIR/HLA Pleiotropism: Protection against Both HIV and Opportunistic Infections. <i>PLoS Pathogens</i> , 2006, 2, e79.	4.7	149
84	Origin of the HIV-Susceptible Human CD4+ Cell Line H9. <i>AIDS Research and Human Retroviruses</i> , 1989, 5, 253-255.	1.1	148
85	Every genome sequence needs a good map. <i>Genome Research</i> , 2009, 19, 1925-1928.	5.5	148
86	Genome-wide signatures of complex introgression and adaptive evolution in the big cats. <i>Science Advances</i> , 2017, 3, e1700299.	10.3	142
87	Influence of the CCR2-V64I Polymorphism on Human Immunodeficiency Virus Type 1 Coreceptor Activity and on Chemokine Receptor Function of CCR2b, CCR3, CCR5, and CXCR4. <i>Journal of Virology</i> , 1998, 72, 7450-7458.	3.4	138
88	Comprehensive Analysis of Class I and Class II HLA Antigens and Chronic Hepatitis B Virus Infection. <i>Journal of Virology</i> , 2003, 77, 12083-12087.	3.4	133
89	Seroprevalence and Genomic Divergence of Circulating Strains of Feline Immunodeficiency Virus among Felidae and Hyaenidae Species. <i>Journal of Virology</i> , 2005, 79, 8282-8294.	3.4	132
90	Markers for Mapping by Admixture Linkage Disequilibrium in African American and Hispanic Populations. <i>American Journal of Human Genetics</i> , 2001, 69, 1080-1094.	6.2	130

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91	Evaluation of nonviral risk factors for nasopharyngeal carcinoma in a high-risk population of Southern China. <i>International Journal of Cancer</i> , 2009, 124, 2942-2947.	5.1	130
92	Strong influence of human leukocyte antigen (HLA)-DP gene variants on development of persistent chronic hepatitis B virus carriers in the Han Chinese population. <i>Hepatology</i> , 2011, 53, 422-428.	7.3	129
93	Comparative genomics: lessons from cats. <i>Trends in Genetics</i> , 1997, 13, 393-399.	6.7	128
94	Patterns of Genetic Diversity in Remaining Giant Panda Populations. <i>Conservation Biology</i> , 2001, 15, 1596-1607.	4.7	128
95	A genome-to-genome analysis of associations between human genetic variation, HIV-1 sequence diversity, and viral control. <i>ELife</i> , 2013, 2, e01123.	6.0	126
96	Rapid evolution of a heteroplasmic repetitive sequence in the mitochondrial DNA control region of carnivores. <i>Journal of Molecular Evolution</i> , 1994, 39, 191-199.	1.8	121
97	Mammalian genome mapping: lessons and prospects. <i>Current Opinion in Genetics and Development</i> , 1991, 1, 105-111.	3.3	120
98	Phylogeographic Subspecies Recognition in Leopards (<i>Panthera pardus</i>): Molecular Genetic Variation. <i>Conservation Biology</i> , 1996, 10, 1115-1132.	4.7	118
99	Genome-Wide Association and Trans-ethnic Meta-Analysis for Advanced Diabetic Kidney Disease: Family Investigation of Nephropathy and Diabetes (FIND). <i>PLoS Genetics</i> , 2015, 11, e1005352.	3.5	118
100	Allozyme Divergence Within the Canidae. <i>Systematic Zoology</i> , 1987, 36, 339.	1.6	117
101	A Radiation Hybrid Map of the Cat Genome: Implications for Comparative Mapping. <i>Genome Research</i> , 2000, 10, 691-702.	5.5	116
102	Cytotoxic T-Lymphocyte Antigen 4 Gene and Recovery from Hepatitis B Virus Infection. <i>Journal of Virology</i> , 2004, 78, 11258-11262.	3.4	116
103	Effects of human TRIM5 α polymorphisms on antiretroviral function and susceptibility to human immunodeficiency virus infection. <i>Virology</i> , 2006, 354, 15-27.	2.4	116
104	Functions, structure, and read-through alternative splicing of feline APOBEC3 genes. <i>Genome Biology</i> , 2008, 9, R48.	9.6	116
105	Isolation of HTLV-transformed B-lymphocyte clone from a patient with HTLV-associated adult T-cell leukaemia. <i>Nature</i> , 1984, 310, 505-506.	27.8	115
106	Association of DC-SIGN Promoter Polymorphism with Increased Risk for Parenteral, but Not Mucosal, Acquisition of Human Immunodeficiency Virus Type 1 Infection. <i>Journal of Virology</i> , 2004, 78, 14053-14056.	3.4	114
107	Genetic characterization of canine distemper virus in Serengeti carnivores. <i>Veterinary Immunology and Immunopathology</i> , 1998, 65, 259-266.	1.2	113
108	A population-based study to investigate host genetic factors associated with hepatitis B infection and pathogenesis in the Chinese population. <i>BMC Infectious Diseases</i> , 2008, 8, 1.	2.9	113

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109	Red fox genome assembly identifies genomic regions associated with tame and aggressive behaviours. <i>Nature Ecology and Evolution</i> , 2018, 2, 1479-1491.	7.8	113
110	Specifying and Sustaining Pigmentation Patterns in Domestic and Wild Cats. <i>Science</i> , 2012, 337, 1536-1541.	12.6	110
111	Association Study of Common Genetic Variants and HIV-1 Acquisition in 6,300 Infected Cases and 7,200 Controls. <i>PLoS Pathogens</i> , 2013, 9, e1003515.	4.7	109
112	The linkage disequilibrium maps of three human chromosomes across four populations reflect their demographic history and a common underlying recombination pattern. <i>Genome Research</i> , 2005, 15, 454-462.	5.5	107
113	The Adequacy of Morphology for Reconstructing the Early History of Placental Mammals. <i>Systematic Biology</i> , 2007, 56, 673-684.	5.6	107
114	Chromosomal-Level Assembly of the Asian Seabass Genome Using Long Sequence Reads and Multi-layered Scaffolding. <i>PLoS Genetics</i> , 2016, 12, e1005954.	3.5	105
115	The \pm -glycerophosphate cycle in <i>Drosophila melanogaster</i> . I. Biochemical and developmental aspects. <i>Biochemical Genetics</i> , 1972, 7, 141-161.	1.7	104
116	An STR Forensic Typing System for Genetic Individualization of Domestic Cat (<i>Felis catus</i>) Samples. <i>Journal of Forensic Sciences</i> , 2005, 50, 1-10.	1.6	103
117	Extensive Conservation of Sex Chromosome Organization Between Cat and Human Revealed by Parallel Radiation Hybrid Mapping. <i>Genome Research</i> , 1999, 9, 1223-1230.	5.5	101
118	Comparative Genome Organization of Human, Murine, and Feline MHC Class II Region. <i>Genome Research</i> , 2003, 13, 1169-1179.	5.5	101
119	Comparison of carnivore, omnivore, and herbivore mammalian genomes with a new leopard assembly. <i>Genome Biology</i> , 2016, 17, 211.	8.8	101
120	Non-Hodgkin's B cell lymphoma in persons with acquired immunodeficiency syndrome is associated with increased serum levels of IL10, or the IL10 promoter α 592 C/C genotype. <i>Clinical Immunology</i> , 2003, 109, 119-129.	3.2	99
121	Molecular Evidence for Species-Level Distinctions in Clouded Leopards. <i>Current Biology</i> , 2006, 16, 2371-2376.	3.9	98
122	Genetics and Pathogenesis of Feline Infectious Peritonitis Virus. <i>Emerging Infectious Diseases</i> , 2009, 15, 1445-1452.	4.3	98
123	The Taming of the Cat. <i>Scientific American</i> , 2009, 300, 68-75.	1.0	98
124	Patterns of molecular genetic variation among African elephant populations. <i>Molecular Ecology</i> , 2002, 11, 2489-2498.	3.9	96
125	The Global Invertebrate Genomics Alliance (GIGA): Developing Community Resources to Study Diverse Invertebrate Genomes. <i>Journal of Heredity</i> , 2014, 105, 1-18.	2.4	96
126	Genomic differentiation among natural populations of orang-utan (<i>Pongo pygmaeus</i>). <i>Current Biology</i> , 1996, 6, 1326-1336.	3.9	95

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127	Pangolin genomes and the evolution of mammalian scales and immunity. <i>Genome Research</i> , 2016, 26, 1312-1322.	5.5	95
128	Significant Admixture Linkage Disequilibrium across 30 cM around the FY Locus in African Americans. <i>American Journal of Human Genetics</i> , 2000, 66, 969-978.	6.2	93
129	Mapping of the gene encoding the α subunit of the stimulatory G protein of adenylyl cyclase (GNAS1) to 20q13.2 \rightarrow q13.3 in human by in situ hybridization. <i>Genomics</i> , 1991, 11, 478-479.	2.9	92
130	Mutation in CEP290 Discovered for Cat Model of Human Retinal Degeneration. <i>Journal of Heredity</i> , 2007, 98, 211-220.	2.4	92
131	White shark genome reveals ancient elasmobranch adaptations associated with wound healing and the maintenance of genome stability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4446-4455.	7.1	92
132	Pet cat hair implicates murder suspect. <i>Nature</i> , 1997, 386, 774-774.	27.8	91
133	The Evolutionary Dynamics of the Lion <i>Panthera leo</i> Revealed by Host and Viral Population Genomics. <i>PLoS Genetics</i> , 2008, 4, e1000251.	3.5	91
134	The Principal Genetic Determinants for Nasopharyngeal Carcinoma in China Involve the HLA Class I Antigen Recognition Groove. <i>PLoS Genetics</i> , 2012, 8, e1003103.	3.5	91
135	Genomic Microsatellites as Evolutionary Chronometers: A Test in Wild Cats. <i>Genome Research</i> , 2002, 12, 414-423.	5.5	90
136	The Evolution Cats. <i>Scientific American</i> , 2007, 297, 68-75.	1.0	90
137	A homozygous single-base deletion in MLPH causes the dilute coat color phenotype in the domestic cat. <i>Genomics</i> , 2006, 88, 698-705.	2.9	89
138	Evolution of CRISPs Associated with Toxicoferan-Reptilian Venom and Mammalian Reproduction. <i>Molecular Biology and Evolution</i> , 2012, 29, 1807-1822.	8.9	89
139	Genome-wide <i>Mycobacterium tuberculosis</i> variation (GMTV) database: a new tool for integrating sequence variations and epidemiology. <i>BMC Genomics</i> , 2014, 15, 308.	2.8	89
140	The Asian arowana (<i>Scleropages formosus</i>) genome provides new insights into the evolution of an early lineage of teleosts. <i>Scientific Reports</i> , 2016, 6, 24501.	3.3	89
141	A molecular approach to the identification and individualization of human and animal cells in culture: Isozyme and allozyme genetic signatures. <i>In Vitro</i> , 1980, 16, 119-135.	1.2	87
142	Phylogeographic Patterns and Evolution of the Mitochondrial DNA Control Region in Two Neotropical Cats (Mammalia, Felidae). <i>Journal of Molecular Evolution</i> , 1998, 47, 613-624.	1.8	87
143	Elevated male European and female African contributions to the genomes of African American individuals. <i>Human Genetics</i> , 2006, 120, 713-722.	3.8	84
144	Pandas, people and policy. <i>Nature</i> , 1994, 369, 179-180.	27.8	83

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145	Genetic Protection against Hepatitis B Virus Conferred by CCR5 Δ 32 : Evidence that CCR5 Contributes to Viral Persistence. <i>Journal of Virology</i> , 2007, 81, 441-445.	3.4	83
146	Mapping of an endogenous retroviral sequence to human chromosome 18. <i>Nature</i> , 1983, 303, 74-77.	27.8	80
147	Polygenic and Multifactorial Disease Gene Association in Man: Lessons from AIDS. <i>Annual Review of Genetics</i> , 2000, 34, 563-591.	7.6	80
148	Evolutionary analysis of a large mtDNA translocation (numt) into the nuclear genome of the Panthera genus species. <i>Gene</i> , 2006, 366, 292-302.	2.2	79
149	State of cat genomics. <i>Trends in Genetics</i> , 2008, 24, 268-279.	6.7	79
150	Mitochondrial DNA haplogroups influence AIDS progression. <i>Aids</i> , 2008, 22, 2429-2439.	2.2	78
151	Genome-wide characterization of centromeric satellites from multiple mammalian genomes. <i>Genome Research</i> , 2011, 21, 137-145.	5.5	78
152	Evidence of Natural Bluetongue Virus Infection among African Carnivores. <i>American Journal of Tropical Medicine and Hygiene</i> , 1994, 51, 568-576.	1.4	78
153	Chromosomal localization of the genes encoding two forms of the G protein β 2 polypeptide, β 21 and β 23, in man. <i>Genomics</i> , 1990, 8, 380-386.	2.9	77
154	A Common HLA-DPA1 Variant is a Major Determinant of Hepatitis B Virus Clearance in Han Chinese. <i>Journal of Infectious Diseases</i> , 2011, 203, 943-947.	4.0	76
155	Mannose Binding Lectin Genotypes Influence Recovery from Hepatitis B Virus Infection. <i>Journal of Virology</i> , 2005, 79, 9192-9196.	3.4	73
156	Olfactory Receptor Subgenomes Linked with Broad Ecological Adaptations in Sauropsida. <i>Molecular Biology and Evolution</i> , 2015, 32, 2832-2843.	8.9	73
157	Safety issues in cell-based intervention trials. <i>Fertility and Sterility</i> , 2003, 80, 1077-1085.	1.0	72
158	Four Independent Mutations in the Feline Fibroblast Growth Factor 5 Gene Determine the Long-Haired Phenotype in Domestic Cats. <i>Journal of Heredity</i> , 2007, 98, 555-566.	2.4	71
159	Molecular evolution and the role of oxidative stress in the expansion and functional diversification of cytosolic glutathione transferases. <i>BMC Evolutionary Biology</i> , 2010, 10, 281.	3.2	71
160	Evolution of a Major Drug Metabolizing Enzyme Defect in the Domestic Cat and Other Felidae: Phylogenetic Timing and the Role of Hypercarnivory. <i>PLoS ONE</i> , 2011, 6, e18046.	2.5	71
161	Influence of CCR5 promoter haplotypes on AIDS progression in African-Americans. <i>Aids</i> , 2000, 14, 2117-2122.	2.2	70
162	The Origin of Human Chromosome 1 and Its Homologs in Placental Mammals. <i>Genome Research</i> , 2003, 13, 1880-8.	5.5	70

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163	CCL3L1 and HIV/AIDS susceptibility. <i>Nature Medicine</i> , 2009, 15, 1110-1112.	30.7	70
164	The evolutionary history of extinct and living lions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10927-10934.	7.1	70
165	Disparate phylogeographic patterns of molecular genetic variation in four closely related South American small cat species. <i>Molecular Ecology</i> , 1999, 8, S79-S94.	3.9	69
166	Ancestral primate viewed. <i>Nature</i> , 1999, 402, 365-366.	27.8	69
167	Mitochondrial DNA Haplogroups Influence Lipotrophy After Highly Active Antiretroviral Therapy. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2009, 51, 111-116.	2.1	69
168	Rapid Radiation Events in the Family Ursidae Indicated by Likelihood Phylogenetic Estimation from Multiple Fragments of mtDNA. <i>Molecular Phylogenetics and Evolution</i> , 1999, 13, 82-92.	2.7	68
169	Chromosomer: a reference-based genome arrangement tool for producing draft chromosome sequences. <i>GigaScience</i> , 2016, 5, 38.	6.4	68
170	Considering genetic profiles in functional studies of immune responsiveness to HIV-1. <i>Immunology Letters</i> , 2001, 79, 131-140.	2.5	67
171	EPIZOOTIOLOGY AND MANAGEMENT OF FELINE LEUKEMIA VIRUS IN THE FLORIDA PUMA. <i>Journal of Wildlife Diseases</i> , 2008, 44, 537-552.	0.8	67
172	Multistage Genomewide Association Study Identifies a Locus at 1q41 Associated with Rate of HIV-1 Disease Progression to Clinical AIDS. <i>Journal of Infectious Diseases</i> , 2010, 201, 618-626.	4.0	67
173	Public Stem Cell Banks: Considerations of Justice in Stem Cell Research and Therapy. <i>Hastings Center Report</i> , 2003, 33, 13.	1.0	66
174	Endogenous Retrovirus Insertion in the <i>KIT</i> Oncogene Determines White and White spotting in Domestic Cats. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 1881-1891.	1.8	66
175	Captive breeding of the cheetah (<i>Acinonyx jubatus</i>) in North American zoos (1871-1986). <i>Zoo Biology</i> , 1989, 8, 3-16.	1.2	65
176	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. <i>Journal of Infectious Diseases</i> , 2003, 187, 1404-1410.	4.0	65
177	Genomically Intact Endogenous Feline Leukemia Viruses of Recent Origin. <i>Journal of Virology</i> , 2004, 78, 4370-4375.	3.4	65
178	Mammalian keratin associated proteins (KRTAPs) subgenomes: disentangling hair diversity and adaptation to terrestrial and aquatic environments. <i>BMC Genomics</i> , 2014, 15, 779.	2.8	64
179	The Complete Phylogeny of Pangolins: Scaling Up Resources for the Molecular Tracing of the Most Trafficked Mammals on Earth. <i>Journal of Heredity</i> , 2018, 109, 347-359.	2.4	64
180	The Feline Genome Project. <i>Annual Review of Genetics</i> , 2002, 36, 657-686.	7.6	63

#	ARTICLE	IF	CITATIONS
181	MCP-1-MCP-3â€Eotaxin gene cluster influences HIV-1 transmission. <i>Aids</i> , 2003, 17, 2357-2365.	2.2	63
182	SEROSURVEY OF VIRAL INFECTIONS IN FREE-RANGING NAMIBIAN CHEETAHS (<i>ACINONYX JUBATUS</i>). <i>Journal of Wildlife Diseases</i> , 2004, 40, 23-31.	0.8	63
183	Genetic Variation in the CCL18-CCL3-CCL4 Chemokine Gene Cluster Influences HIV Type 1 Transmission and AIDS Disease Progression. <i>American Journal of Human Genetics</i> , 2006, 79, 120-128.	6.2	63
184	Patterns of molecular genetic variation among cat breeds. <i>Genomics</i> , 2008, 91, 1-11.	2.9	63
185	Evolution of feline immunodeficiency virus in Felidae: Implications for human health and wildlife ecology. <i>Veterinary Immunology and Immunopathology</i> , 2008, 123, 32-44.	1.2	62
186	Genetic Characterization of Feline Leukemia Virus from Florida Panthers. <i>Emerging Infectious Diseases</i> , 2008, 14, 252-259.	4.3	60
187	Genome-Wide Evolutionary Analysis of Natural History and Adaptation in the Worldâ€™s Tigers. <i>Current Biology</i> , 2018, 28, 3840-3849.e6.	3.9	60
188	Genetic Individualization of Domestic Cats Using Feline STR Loci for Forensic Applications. <i>Journal of Forensic Sciences</i> , 1997, 42, 1039-1051.	1.6	60
189	In Search of AIDS-Resistance Genes. <i>Scientific American</i> , 1997, 277, 44-51.	1.0	59
190	Subspecies Genetic Assignments of Worldwide Captive Tigers Increase Conservation Value of Captive Populations. <i>Current Biology</i> , 2008, 18, 592-596.	3.9	59
191	Mitochondrial Phylogeography Illuminates the Origin of the Extinct Caspian Tiger and Its Relationship to the Amur Tiger. <i>PLoS ONE</i> , 2009, 4, e4125.	2.5	59
192	Ghetto legacy. <i>Current Biology</i> , 1991, 1, 209-211.	3.9	58
193	Development of a Feline Whole Genome Radiation Hybrid Panel and Comparative Mapping of Human Chromosome 12 and 22 Loci. <i>Genomics</i> , 1999, 57, 1-8.	2.9	58
194	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. <i>Journal of Virology</i> , 2002, 76, 12603-12610.	3.4	58
195	Regulatory Polymorphisms in the Cyclophilin A Gene, PPIA, Accelerate Progression to AIDS. <i>PLoS Pathogens</i> , 2007, 3, e88.	4.7	58
196	Phylogenomics of the dog and fox family (Canidae, Carnivora) revealed by chromosome painting. <i>Chromosome Research</i> , 2008, 16, 129-143.	2.2	58
197	Ecological and biogeographical inferences on two sympatric and enigmatic Andean cat species using genetic identification of faecal samples. <i>Molecular Ecology</i> , 2008, 17, 678-690.	3.9	58
198	Gene loss, adaptive evolution and the co-evolution of plumage coloration genes with opsins in birds. <i>BMC Genomics</i> , 2015, 16, 751.	2.8	58

#	ARTICLE	IF	CITATIONS
199	A gene (Bevi) on human chromosome 6 is an integration site for baboon type C DNA provirus in human cells. <i>Cell</i> , 1978, 14, 995-1005.	28.9	57
200	A 1.5-Mb-resolution radiation hybrid map of the cat genome and comparative analysis with the canine and human genomes. <i>Genomics</i> , 2007, 89, 189-196.	2.9	56
201	Mutation Discovered in a Feline Model of Human Congenital Retinal Blinding Disease. , 2010, 51, 2852.		56
202	Sympatric Asian felid phylogeography reveals a major Indochineseâ€“Sundaic divergence. <i>Molecular Ecology</i> , 2014, 23, 2072-2092.	3.9	56
203	Comparative genome organization of the major histocompatibility complex: lessons from the Felidae. <i>Immunological Reviews</i> , 1999, 167, 133-144.	6.0	55
204	Nuclear gene sequences confirm an ancient link between New Zealandâ€™s short-tailed bat and South American noctilionoid bats. <i>Molecular Phylogenetics and Evolution</i> , 2003, 28, 308-319.	2.7	55
205	Patterns of Feline Immunodeficiency Virus Multiple Infection and Genome Divergence in a Free-Ranging Population of African Lions. <i>Journal of Virology</i> , 2004, 78, 3777-3791.	3.4	55
206	Puma genomes from North and South America provide insights into the genomic consequences of inbreeding. <i>Nature Communications</i> , 2019, 10, 4769.	12.8	55
207	Molecular Phylogeny of Mitochondrial Cytochrome b and 12S rRNA Sequences in the Felidae: Ocelot and Domestic Cat Lineages. <i>Molecular Phylogenetics and Evolution</i> , 1996, 6, 351-365.	2.7	54
208	Comparative Genomic Structure of Human, Dog, and Cat MHC: HLA, DLA, and FLA. <i>Journal of Heredity</i> , 2007, 98, 390-399.	2.4	54
209	Contamination of Hodgkin's disease cell cultures. <i>Nature</i> , 1981, 289, 228-230.	27.8	53
210	Distribution of Two HIV-1â€™Resistant Polymorphisms (SDF1-3â€™A and CCR2-64I) in East Asian and World Populations and Its Implication in AIDS Epidemiology. <i>American Journal of Human Genetics</i> , 1999, 65, 1047-1053.	6.2	53
211	Diversity of MICA and Linkage Disequilibrium with HLA-B in Two North American Populations. <i>Human Immunology</i> , 2006, 67, 152-158.	2.4	53
212	Longâ€“Term Nonprogressive Infection with Human Immunodeficiency Virus Type 1 in a Hemophilia Cohort. <i>Journal of Infectious Diseases</i> , 1999, 180, 1790-1802.	4.0	51
213	FIV cross-species transmission: An evolutionary prospective. <i>Veterinary Immunology and Immunopathology</i> , 2008, 123, 159-166.	1.2	51
214	Pathological manifestations of feline immunodeficiency virus (FIV) infection in wild African lions. <i>Virology</i> , 2009, 390, 1-12.	2.4	51
215	Light whole genome sequence for SNP discovery across domestic cat breeds. <i>BMC Genomics</i> , 2010, 11, 406.	2.8	51
216	Tissue sampling methods and standards for vertebrate genomics. <i>GigaScience</i> , 2012, 1, 8.	6.4	51

#	ARTICLE	IF	CITATIONS
217	How the Leopard Hides Its Spots: ASIP Mutations and Melanism in Wild Cats. PLoS ONE, 2012, 7, e50386.	2.5	51
218	Eighteen polymorphic microsatellite markers for the highly endangered Spanish imperial eagle (Aquila Tj ETQq0 0 Q ggBT /Overlock 10 T	1.7	50
219	Identifying Selected Regions from Heterozygosity and Divergence Using a Light-Coverage Genomic Dataset from Two Human Populations. PLoS ONE, 2008, 3, e1712.	2.5	50
220	Behavioral Risk Exposure and Host Genetics of Susceptibility to HIVâ€1 Infection. Journal of Infectious Diseases, 2006, 193, 16-26.	4.0	49
221	Genome-Wide Association Study Implicates PARD3B-Based AIDS Restriction. Journal of Infectious Diseases, 2011, 203, 1491-1502.	4.0	49
222	Chromosomal localization of the human interleukin 1Î± (IL-1Î±) gene. Genomics, 1988, 2, 310-314.	2.9	48
223	Development of microsatellite markers in the guanaco,Lama guanicoe: utility for South American camelids. Molecular Ecology, 2000, 9, 1922-1924.	3.9	48
224	Patterns of Diversity Among SINE Elements Isolated from Three Y-Chromosome Genes in Carnivores. Molecular Biology and Evolution, 2000, 17, 825-829.	8.9	48
225	GADMA: Genetic algorithm for inferring demographic history of multiple populations from allele frequency spectrum data. GigaScience, 2020, 9, .	6.4	48
226	Nucleotide Sequence Analysis of Puma Lentivirus (PLV-14): Genomic Organization and Relationship to Other Lentiviruses. Virology, 1994, 202, 853-864.	2.4	47
227	Polymorphisms of CUL5 Are Associated with CD4+ T Cell Loss in HIV-1 Infected Individuals. PLoS Genetics, 2007, 3, e19.	3.5	47
228	Defining and Mapping Mammalian Coat Pattern Genes: Multiple Genomic Regions Implicated in Domestic Cat Stripes and Spots. Genetics, 2010, 184, 267-275.	2.9	47
229	Contrasting origin of B chromosomes in two cervids (Siberian roe deer and grey brocket deer) unravelled by chromosome-specific DNA sequencing. BMC Genomics, 2016, 17, 618.	2.8	47
230	Cytogenetic methodologies for gene mapping and comparative analyses in mammalian cell culture systems. Gene Analysis Techniques, 1987, 4, 75-85.	1.0	46
231	BIG CAT GENOMICS. Annual Review of Genomics and Human Genetics, 2005, 6, 407-429.	6.2	46
232	GENOMICS: On Choosing Mammalian Genomes for Sequencing. Science, 2001, 292, 2264-2266.	12.6	45
233	Phylogeographic Patterns of Feline Immunodeficiency Virus Genetic Diversity in the Domestic Cat. Virology, 1998, 251, 234-243.	2.4	44
234	Emerging Viruses in the Felidae: Shifting Paradigms. Viruses, 2012, 4, 236-257.	3.3	44

#	ARTICLE	IF	CITATIONS
235	Genetic variation within and among lion tamarins. American Journal of Physical Anthropology, 1986, 71, 1-11.	2.1	43
236	The feline major histocompatibility complex is rearranged by an inversion with a breakpoint in the distal class I region. Immunogenetics, 2005, 56, 702-709.	2.4	43
237	An 140-kb deletion associated with feline spinal muscular atrophy implies an essential LIX1 function for motor neuron survival. Genome Research, 2006, 16, 1084-1090.	5.5	43
238	Clouded leopard phylogeny revisited: support for species recognition and population division between Borneo and Sumatra. Frontiers in Zoology, 2007, 4, 15.	2.0	43
239	Intentional genetic introgression influences survival of adults and subadults in a small, inbred felid population. Journal of Animal Ecology, 2011, 80, 958-967.	2.8	43
240	Host Genetic Influences on Highly Active Antiretroviral Therapy Efficacy and AIDS-Free Survival. Journal of Acquired Immune Deficiency Syndromes (1999), 2008, 48, 263-271.	2.1	42
241	Genetic Variants in Nuclear-Encoded Mitochondrial Genes Influence AIDS Progression. PLoS ONE, 2010, 5, e12862.	2.5	42
242	Resolution of recent radiations within three evolutionary lineages of felidae using mitochondrial restriction fragment length polymorphism variation. Journal of Mammalian Evolution, 1996, 3, 97-120.	1.8	41
243	Growth of Lion and Puma Lentiviruses in Domestic Cat Cells and Comparisons with FIV. Virology, 1997, 233, 185-192.	2.4	41
244	Phenotypic Expressions of CCR5-Δ32 Homozygosity. Journal of Acquired Immune Deficiency Syndromes, 1999, 22, 75.	0.3	41
245	Evaluation of IL10, IL19 and IL20 gene polymorphisms and chronic hepatitis B infection outcome. International Journal of Immunogenetics, 2008, 35, 255-264.	1.8	41
246	GSTM1 and GSTT1 Gene Deletions and the Risk for Nasopharyngeal Carcinoma in Han Chinese. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 1760-1763.	2.5	41
247	Analyses of Sweet Receptor Gene (Tas1r2) and Preference for Sweet Stimuli in Species of Carnivora. Journal of Heredity, 2009, 100, S90-S100.	2.4	41
248	The first whole genome and transcriptome of the cinereous vulture reveals adaptation in the gastric and immune defense systems and possible convergent evolution between the Old and New World vultures. Genome Biology, 2015, 16, 215.	8.8	41
249	A High-Resolution SNP Array-Based Linkage Map Anchors a New Domestic Cat Draft Genome Assembly and Provides Detailed Patterns of Recombination. G3: Genes, Genomes, Genetics, 2016, 6, 1607-1616.	1.8	41
250	A new genetic locus, bevi, on human chromosome 6 which controls the replication of baboon type C virus in human cells. Cell, 1977, 12, 251-262.	28.9	40
251	Chromosomal localization of nucleic acid-binding proteins by affinity mapping: assignment of the IRE-binding protein gene to human chromosome 9. Nucleic Acids Research, 1989, 17, 6103-6108.	14.5	40
252	Molecular characterization and genetic mapping of class I and class II MHC genes of the domestic cat. Immunogenetics, 1988, 27, 414-425.	2.4	39

#	ARTICLE	IF	CITATIONS
253	Insertional Polymorphisms of Endogenous Feline Leukemia Viruses. <i>Journal of Virology</i> , 2005, 79, 3979-3986.	3.4	39
254	Sequences, Annotation and Single Nucleotide Polymorphism of the Major Histocompatibility Complex in the Domestic Cat. <i>PLoS ONE</i> , 2008, 3, e2674.	2.5	39
255	The fishes of Genome 10K. <i>Marine Genomics</i> , 2012, 7, 3-6.	1.1	39
256	Evolution of gene regulation in ruminants differs between evolutionary breakpoint regions and homologous synteny blocks. <i>Genome Research</i> , 2019, 29, 576-589.	5.5	39
257	Molecular genetics in the domestic cat and its relatives. <i>Trends in Genetics</i> , 1986, 2, 137-142.	6.7	38
258	The Cheetah's Conservation Controversy. <i>Conservation Biology</i> , 1994, 8, 1153-1155.	4.7	38
259	A Tumor Necrosis Factor- β Inducible Promoter Variant of Interferon- β Accelerates CD4+T Cell Depletion in Human Immunodeficiency Virus-Infected Individuals. <i>Journal of Infectious Diseases</i> , 2003, 188, 228-231.	4.0	38
260	Seroprevalence of <i>Toxoplasma gondii</i> in American free-ranging or captive pumas (<i>Felis concolor</i>) and bobcats (<i>Lynx rufus</i>). <i>Veterinary Parasitology</i> , 2004, 120, 1-9.	1.8	38
261	Exposure to disease agents in the endangered Iberian lynx (<i>Lynx pardinus</i>). <i>European Journal of Wildlife Research</i> , 2008, 54, 171-178.	1.4	37
262	Stewardship of Human Biospecimens, DNA, Genotype, and Clinical Data in the GWAS Era. <i>Annual Review of Genomics and Human Genetics</i> , 2009, 10, 193-209.	6.2	37
263	What Is a Tiger? <i>Genetics and Phylogeography</i> . , 2010, , 35-51.		37
264	Genetic introgression and the survival of Florida panther kittens. <i>Biological Conservation</i> , 2010, 143, 2789-2796.	4.1	37
265	Partial structure of the human $\alpha 2(\text{IV})$ collagen chain and chromosomal localization of the gene (COL4A2). <i>Human Genetics</i> , 1987, 77, 318-324.	3.8	36
266	Cloning and comparative mapping of a human class III (β) alcohol dehydrogenase cDNA. <i>Biochemical and Biophysical Research Communications</i> , 1989, 164, 453-460.	2.1	36
267	Patterns of Size Homoplasmy at 10 Microsatellite Loci in Pumas (<i>Puma concolor</i>). <i>Molecular Biology and Evolution</i> , 2001, 18, 1151-1156.	8.9	36
268	MULTIPLE PATERNITY AND REPRODUCTIVE TACTICS OF FREE-RANGING AMERICAN MINKS, <i>MUSTELA VISON</i> . <i>Journal of Mammalogy</i> , 2004, 85, 432-439.	1.3	36
269	An autosomal genetic linkage map of the domestic cat, <i>Felis silvestris catus</i> . <i>Genomics</i> , 2009, 93, 305-313.	2.9	36
270	Recurrent Evolution of Melanism in South American Felids. <i>PLoS Genetics</i> , 2015, 11, e1004892.	3.5	36

#	ARTICLE	IF	CITATIONS
271	CCR5 Promoter Alleles and Specific DNA Binding Factors. <i>Science</i> , 1999, 284, 223a-223.	12.6	35
272	Aldehyde dehydrogenase 1 (ALDH1) isoform expression and potential clinical implications in hepatocellular carcinoma. <i>PLoS ONE</i> , 2017, 12, e0182208.	2.5	35
273	Correlative genetic variation in natural populations of cats, mice and men. <i>Nature</i> , 1980, 288, 580-583.	27.8	34
274	Genetic Polymorphisms of CYP2E1, GSTP1, NQO1 and MPO and the Risk of Nasopharyngeal Carcinoma in a Han Chinese Population of Southern China. <i>BMC Research Notes</i> , 2010, 3, 212.	1.4	34
275	Genomic Adaptations and Evolutionary History of the Extinct Scimitar-Toothed Cat, <i>Homotherium latidens</i> . <i>Current Biology</i> , 2020, 30, 5018-5025.e5.	3.9	34
276	Comparative analysis of malate dehydrogenases of <i>Drosophila melanogaster</i> . <i>Biochemical Genetics</i> , 1973, 10, 191-205.	1.7	33
277	Designing and optimizing comparative anchor primers for comparative gene mapping and phylogenetic inference. <i>Nature Protocols</i> , 2007, 2, 3022-3030.	12.0	33
278	Molecular Genetic Insights on Cheetah (<i>Acinonyx jubatus</i>) Ecology and Conservation in Namibia. <i>Journal of Heredity</i> , 2008, 99, 2-13.	2.4	33
279	Genetic monitors of zoo populations: Morphological and electrophoretic assays. <i>Zoo Biology</i> , 1986, 5, 215-232.	1.2	32
280	Dominant Effects of CCR2-CCR5 Haplotypes in HIV-1 Disease Progression. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2004, 37, 1534-1538.	2.1	32
281	Gene conversion between mammalian CCR2 and CCR5 chemokine receptor genes: A potential mechanism for receptor dimerization. <i>Genomics</i> , 2007, 90, 213-224.	2.9	32
282	The extent and character of biochemical genetic variation in the domestic cat. <i>Journal of Heredity</i> , 1980, 71, 3-8.	2.4	31
283	Integration of the feline radiation hybrid and linkage maps. <i>Mammalian Genome</i> , 2001, 12, 436-441.	2.2	31
284	Genomic inferences from Afrotheria and the evolution of elephants. <i>Current Opinion in Genetics and Development</i> , 2005, 15, 652-659.	3.3	31
285	Genome Annotation Resource Fields GARFIELD: A Genome Browser for <i>Felis catus</i> . <i>Journal of Heredity</i> , 2007, 98, 386-389.	2.4	31
286	Phylogeography and population history of <i>Leopardus guigna</i> , the smallest American felid. <i>Conservation Genetics</i> , 2014, 15, 631-653.	1.5	31
287	Comparative Feline Genomics: A BAC/PAC Contig Map of the Major Histocompatibility Complex Class II Region. <i>Genomics</i> , 2001, 71, 282-295.	2.9	30
288	GENOMICS: A Dog's Breakfast?. <i>Science</i> , 2003, 301, 1854-1855.	12.6	30

#	ARTICLE	IF	CITATIONS
289	Coronavirus outbreak in cheetahs: Lessons for SARS. <i>Current Biology</i> , 2004, 14, R227-R228.	3.9	30
290	A rhesus macaque radiation hybrid map and comparative analysis with the human genome. <i>Genomics</i> , 2005, 86, 383-395.	2.9	30
291	HLA-B Bw4 alleles and HIV-1 transmission in heterosexual couples. <i>Aids</i> , 2007, 21, 225-229.	2.2	30
292	Mitochondrial Introgressions into the Nuclear Genome of the Domestic Cat. <i>Journal of Heredity</i> , 2007, 98, 414-420.	2.4	30
293	Cyto-nuclear genomic dissociation and the African elephant species question. <i>Quaternary International</i> , 2007, 169-170, 4-16.	1.5	30
294	A Domestic cat X Chromosome Linkage Map and the Sex-Linked <i>Orange</i> Locus: Mapping of <i>Orange</i> , Multiple Origins and Epistasis Over <i>Nonagouti</i> . <i>Genetics</i> , 2009, 181, 1415-1425.	2.9	30
295	Effect of Host Genetics on the Development of Cytomegalovirus Retinitis in Patients with AIDS. <i>Journal of Infectious Diseases</i> , 2010, 202, 606-613.	4.0	30
296	Annotated features of domestic cat “ <i>Felis catus</i> ” genome. <i>GigaScience</i> , 2014, 3, 13.	6.4	30
297	Reconstructing the genomic architecture of mammalian ancestors using multispecies comparative maps. <i>Human Genomics</i> , 2003, 1, 30.	2.9	29
298	Association of Y chromosome haplogroup I with HIV progression, and HAART outcome. <i>Human Genetics</i> , 2009, 125, 281-94.	3.8	29
299	Genetic Associations of Variants in Genes Encoding HIV Dependency Factors Required for HIV-1 Infection. <i>Journal of Infectious Diseases</i> , 2010, 202, 1836-1845.	4.0	29
300	Exposure to FIV and FIPV in wild and captive cheetahs. <i>Zoo Biology</i> , 1993, 12, 135-142.	1.2	28
301	A Common Proviral Integration Region, <i>fit-1</i> , in T-Cell Tumors Induced by Myc-Containing Feline Leukemia Viruses. <i>Virology</i> , 1993, 196, 845-848.	2.4	28
302	Conservation genetics of the koala (<i>Phascolarctos cinereus</i>): low mitochondrial DNA variation amongst southern Australian populations. <i>Genetical Research</i> , 1997, 69, 25-33.	0.9	28
303	CCR5-Δ32 gene deletion in HIV-1 infected patients. <i>Lancet, The</i> , 1997, 350, 741.	13.7	28
304	rPatterns of mtDNA and microsatellite variation in an island and mainland population of guanacos in southern Chile. <i>Animal Conservation</i> , 2001, 4, 93-101.	2.9	28
305	Genome-Wide Association Study of MKI67 Expression and its Clinical Implications in HBV-Related Hepatocellular Carcinoma in Southern China. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 1342-1357.	1.6	28
306	Conservation Genetics of the Cheetah: Lessons Learned and New Opportunities. <i>Journal of Heredity</i> , 2017, 108, 671-677.	2.4	28

#	ARTICLE	IF	CITATIONS
307	Genetic diversity in leukemia-prone feral house mice infected with murine leukemia virus. <i>Biochemical Genetics</i> , 1980, 18, 915-928.	1.7	27
308	Consistent Effects of TSG101 Genetic Variability on Multiple Outcomes of Exposure to Human Immunodeficiency Virus Type 1. <i>Journal of Virology</i> , 2006, 80, 6757-6763.	3.4	27
309	FIV diversity: FIVPle subtype composition may influence disease outcome in African lions. <i>Veterinary Immunology and Immunopathology</i> , 2011, 143, 338-346.	1.2	27
310	Genome-Wide and Differential Proteomic Analysis of Hepatitis B Virus and Aflatoxin B1 Related Hepatocellular Carcinoma in Guangxi, China. <i>PLoS ONE</i> , 2013, 8, e83465.	2.5	27
311	Evolutionary Genomics and Adaptive Evolution of the Hedgehog Gene Family (Shh, Ihh and Dhh) in Vertebrates. <i>PLoS ONE</i> , 2014, 9, e74132.	2.5	27
312	Robust forensic matching of confiscated horns to individual poached African rhinoceros. <i>Current Biology</i> , 2018, 28, R13-R14.	3.9	27
313	Exchanges of short polymorphic DNA segments predating speciation in feline major histocompatibility complex class I genes. <i>Journal of Molecular Evolution</i> , 1994, 39, 22-33.	1.8	26
314	Inherited Motor Neuron Disease in Domestic Cats: A Model of Spinal Muscular Atrophy. <i>Pediatric Research</i> , 2005, 57, 324-330.	2.3	26
315	Genetic factors leading to chronic Epstein-Barr virus infection and nasopharyngeal carcinoma in South East China: Study design, methods and feasibility. <i>Human Genomics</i> , 2006, 2, 365.	2.9	26
316	Development of Y Chromosome Intraspecific Polymorphic Markers in the Felidae. <i>Journal of Heredity</i> , 2007, 98, 400-413.	2.4	26
317	Genomic organization, sequence divergence, and recombination of feline immunodeficiency virus from lions in the wild. <i>BMC Genomics</i> , 2008, 9, 66.	2.8	26
318	Mitochondrial Haplogroups Are Associated With Risk of Neuroretinal Disorder in HIV-Positive Patients. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2010, 53, 451-455.	2.1	26
319	Comparative features of a coronavirus isolated from a cheetah with feline infectious peritonitis. <i>Virus Research</i> , 1989, 13, 15-27.	2.2	25
320	Using Mutual Information to Measure the Impact of Multiple Genetic Factors on AIDS. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2006, 42, 347-354.	2.1	25
321	Marker of proliferation Ki-67 expression is associated with transforming growth factor beta 1 and can predict the prognosis of patients with hepatic B virus-related hepatocellular carcinoma. <i>Cancer Management and Research</i> , 2018, Volume 10, 679-696.	1.9	25
322	The Vertebrate TLR Supergene Family Evolved Dynamically by Gene Gain/Loss and Positive Selection Revealing a Host-Pathogen Arms Race in Birds. <i>Diversity</i> , 2019, 11, 131.	1.7	25
323	Seroprevalence of Bartonella infection in American free-ranging and captive pumas (<i>Felis concolor</i>) and bobcats (<i>Lynx rufus</i>). <i>Veterinary Research</i> , 2004, 35, 233-241.	3.0	25
324	Feline arylsulfatase B (ARSB): Isolation and expression of the cDNA, comparison with human ARSB, and gene localization to feline chromosome A1. <i>Genomics</i> , 1992, 14, 403-411.	2.9	24

#	ARTICLE	IF	CITATIONS
325	The Effect of RANTES Chemokine Genetic Variants on Early HIV-1 Plasma RNA Among African American Injection Drug Users. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2005, 38, 584-589.	2.1	24
326	Plagues and adaptation: Lessons from the Felidae models for SARS and AIDS. <i>Biological Conservation</i> , 2006, 131, 255-267.	4.1	24
327	A Mutation in LTBP2 Causes Congenital Glaucoma in Domestic Cats (<i>Felis catus</i>). <i>PLoS ONE</i> , 2016, 11, e0154412.	2.5	24
328	X Chromosome Evolution in Cetartiodactyla. <i>Genes</i> , 2017, 8, 216.	2.4	24
329	The future of the giant panda. <i>Nature</i> , 1987, 325, 758-759.	27.8	23
330	Stromal Cellâ€‘Derived Factorâ€‘1 Genotype, Coreceptor Tropism, and HIV Type 1 Disease Progression. <i>Journal of Infectious Diseases</i> , 2005, 192, 1597-1605.	4.0	23
331	Genetic Ancestry of the Extinct Javan and Bali Tigers. <i>Journal of Heredity</i> , 2015, 106, 247-257.	2.4	23
332	Precision nomenclature for the new genomics. <i>GigaScience</i> , 2019, 8, .	6.4	23
333	Integrated analysis of competing endogenous RNA network revealing potential prognostic biomarkers of hepatocellular carcinoma. <i>Journal of Cancer</i> , 2019, 10, 3267-3283.	2.5	23
334	Multicohort Genomewide Association Study Reveals a New Signal of Protection Against HIV-1 Acquisition. <i>Journal of Infectious Diseases</i> , 2012, 205, 1155-1162.	4.0	22
335	Adaptive genomic evolution of opsins reveals that early mammals flourished in nocturnal environments. <i>BMC Genomics</i> , 2018, 19, 121.	2.8	22
336	The Role of Gene Duplication and Unconstrained Selective Pressures in the Melanopsin Gene Family Evolution and Vertebrate Circadian Rhythm Regulation. <i>PLoS ONE</i> , 2012, 7, e52413.	2.5	22
337	The Population Origins and Expansion of Feral Cats in Australia. <i>Journal of Heredity</i> , 2016, 107, 104-114.	2.4	21
338	Primate TNF Promoters Reveal Markers of Phylogeny and Evolution of Innate Immunity. <i>PLoS ONE</i> , 2007, 2, e621.	2.5	21
339	Effects of Plasma HIV RNA, CD4+ T Lymphocytes, and the Chemokine Receptors CCR5 and CCR2b on HIV Disease Progression in Hemophiliacs. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 1999, 21, 317.	2.1	20
340	Adaptive cycles: parasites selectively reduce inbreeding in Soay sheep. <i>Trends in Ecology and Evolution</i> , 2000, 15, 7-9.	8.7	20
341	Phylogeography and subspecies assessment of vicuÃ±as in Chile and Bolivia utilizing mtDNA and microsatellite markers: implications for vicuÃ±a conservation and management. <i>Conservation Genetics</i> , 2004, 5, 89-102.	1.5	20
342	Feline immunodeficiency virus (FIV) in wild Pallasâ€™ cats. <i>Veterinary Immunology and Immunopathology</i> , 2010, 134, 90-95.	1.2	20

#	ARTICLE	IF	CITATIONS
343	Host genomic influences on HIV/AIDS. <i>Genome Biology</i> , 2013, 14, 201.	9.6	20
344	Whole-Genome Identification, Phylogeny, and Evolution of the Cytochrome P450 Family 2 (CYP2) Subfamilies in Birds. <i>Genome Biology and Evolution</i> , 2016, 8, 1115-1131.	2.5	20
345	Molecular Cloning and Chromosomal Mapping of Feline p53 Tumor Suppressor Gene.. <i>Journal of Veterinary Medical Science</i> , 1993, 55, 801-805.	0.9	19
346	ThetaxGene Sequences Form Two Divergent Monophyletic Lineages Corresponding to Types I and II of Simian and Human T-Cell Leukemia/Lymphotropic Viruses. <i>Virology</i> , 1997, 231, 96-104.	2.4	19
347	CXCR4 Polymorphisms and HIV-1 Pathogenesis. <i>Journal of Acquired Immune Deficiency Syndromes</i> , 1998, 19, 430.	0.3	19
348	Role of Exonic Variation in Chemokine Receptor Genes on AIDS: CCRL2 F167Y Association with Pneumocystis Pneumonia. <i>PLoS Genetics</i> , 2011, 7, e1002328.	3.5	19
349	Evaluation and Integration of Genetic Signature for Prediction Risk of Nasopharyngeal Carcinoma in Southern China. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	19
350	Genome-wide sequence analyses of ethnic populations across Russia. <i>Genomics</i> , 2020, 112, 442-458.	2.9	19
351	Development and characterization of microsatellite loci in the endangered oyster mussel <i>Epioblasma capsaeformis</i> (Bivalvia: Unionidae). <i>Molecular Ecology Notes</i> , 2004, 4, 649-652.	1.7	18
352	A nuclear DNA phylogeny of the woolly mammoth (<i>Mammuthus primigenius</i>). <i>Molecular Phylogenetics and Evolution</i> , 2006, 40, 620-627.	2.7	18
353	A Suite of Genetic Markers Useful in Assessing Wildcat (<i>Felis silvestris</i> ssp.)– Domestic Cat (<i>Felis</i>) Tj ETQq1 1 0.784314 rgBT /Overloc	2.4	18
354	Adaptive evolution of the matrix extracellular phosphoglycoprotein in mammals. <i>BMC Evolutionary Biology</i> , 2011, 11, 342.	3.2	18
355	Continued decline in genetic diversity among wild cheetahs (<i>Acinonyx jubatus</i>) without further loss of semen quality. <i>Biological Conservation</i> , 2016, 200, 192-199.	4.1	18
356	Whole Genome Sequencing and Re-sequencing of the Sable Antelope (<i>Hippotragus niger</i>): A Resource for Monitoring Diversity in ex Situ and in Situ Populations. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 1785-1793.	1.8	18
357	Transient Linkage Disequilibrium in <i>Drosophila</i> . <i>Nature</i> , 1971, 230, 335-336.	27.8	17
358	Dynamic and nonspecific dispersal of human T-cell leukemia/lymphoma virus type-I integration in cultured lymphoma cells. <i>Virology</i> , 1986, 154, 67-75.	2.4	17
359	The Genome-Wide Analysis of Carcinoembryonic Antigen Signaling by Colorectal Cancer Cells Using RNA Sequencing. <i>PLoS ONE</i> , 2016, 11, e0161256.	2.5	17
360	Are pangolins scapegoats of the COVID-19 outbreak? CoV transmission and pathology evidence?. <i>Conservation Letters</i> , 2020, 13, e12754.	5.7	17

#	ARTICLE	IF	CITATIONS
361	Cloning and mapping of cat (<i>Felis catus</i>) immunoglobulin and T-cell receptor genes. <i>Immunogenetics</i> , 1998, 47, 226-233.	2.4	16
362	AIDS: A Role for Host Genes. <i>Hospital Practice</i> (1995), 1998, 33, 53-79.	1.0	16
363	Detecting the vanishing populations of the highly endangered Darwin's fox, <i>Pseudalopex fulvipes</i> . <i>Animal Conservation</i> , 2004, 7, 147-153.	2.9	16
364	The Ancestral Carnivore Karyotype (2n = 38) Lives Today in Ringtails. <i>Journal of Heredity</i> , 2008, 99, 241-253.	2.4	16
365	Effect of Host Genetics on Incidence of HIV Neuroretinal Disorder in Patients With AIDS. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2010, 54, 343-351.	2.1	16
366	Molecular evidence for a recent demographic expansion in the puma (<i>Puma concolor</i>) (Mammalia,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.3	16
367	The Genome Russia project: closing the largest remaining omission on the world Genome map. <i>GigaScience</i> , 2015, 4, 53.	6.4	16
368	De novo sequencing, assembly and analysis of eight different transcriptomes from the Malayan pangolin. <i>Scientific Reports</i> , 2016, 6, 28199.	3.3	16
369	Polymorphisms in the 3' untranslated region of the $\text{I}\kappa\text{B}/\text{MAD-3}$ (NFKBI) gene located on chromosome 14. <i>Human Genetics</i> , 1994, 93, 694-696.	3.8	15
370	Haplotype diversity in the interleukin-4 gene is not associated with HIV-1 transmission and AIDS progression. <i>Immunogenetics</i> , 2003, 55, 157-164.	2.4	15
371	Isolation and characterization of microsatellite markers in pangolins (Mammalia,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 342 Td	1.7	15
372	Risk Factors for Symptomatic Hyperlactatemia and Lactic Acidosis Among Combination Antiretroviral Therapy-Treated Adults in Botswana: Results from a Clinical Trial. <i>AIDS Research and Human Retroviruses</i> , 2012, 28, 759-765.	1.1	15
373	New high copy tandem repeat in the content of the chicken W chromosome. <i>Chromosoma</i> , 2018, 127, 73-83.	2.2	15
374	Genomic prospecting. <i>Nature Medicine</i> , 1995, 1, 742-744.	30.7	14
375	GENOMICS: Enhanced: Mmu 16-Comparative Genomic Highlights. <i>Science</i> , 2002, 296, 1617-1618.	12.6	14
376	Nonpathogenic Lion and Puma Lentiviruses Impart Resistance to Superinfection by Virulent Feline Immunodeficiency Virus. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2002, 29, 1-10.	2.1	14
377	Association of Host Genetic Risk Factors With the Course of Cytomegalovirus Retinitis in Patients Infected With Human Immunodeficiency Virus. <i>American Journal of Ophthalmology</i> , 2011, 151, 999-1006.e4.	3.3	14
378	Genome-Wide Analyses Reveal Gene Influence on HIV Disease Progression and HIV-1C Acquisition in Southern Africa. <i>AIDS Research and Human Retroviruses</i> , 2017, 33, 597-609.	1.1	14

#	ARTICLE	IF	CITATIONS
379	Hypervariable genomic variation to reconstruct the natural history of populations: Lessons from the big cats. <i>Electrophoresis</i> , 1995, 16, 1771-1774.	2.4	13
380	A mutation in KIR3DS1 that results in truncation and lack of cell surface expression. <i>Immunogenetics</i> , 2007, 59, 823-829.	2.4	13
381	The Platypus Genome Unraveled. <i>Cell</i> , 2008, 133, 953-955.	28.9	13
382	Chromosomal mapping of lysosomal enzyme structural genes in the domestic cat. <i>Genomics</i> , 1988, 2, 329-336.	2.9	12
383	Regional localization of rDNA gene on pig chromosome 10 by in situ hybridization.. <i>Nihon Juigaku Zasshi</i> , 1988, 50, 341-345.	0.3	12
384	Equine synteny mapping of comparative anchor tagged sequences (CATS) from human Chromosome 5. <i>Mammalian Genome</i> , 1999, 10, 1082-1084.	2.2	12
385	Applying molecular genetic tools to tiger conservation. <i>Integrative Zoology</i> , 2010, 5, 351-362.	2.6	12
386	A Population Genetic Database of Cat Breeds Developed in Coordination with a Domestic Cat STR Multiplex*. <i>Journal of Forensic Sciences</i> , 2012, 57, 596-601.	1.6	12
387	Does genetic introgression improve female reproductive performance? A test on the endangered Florida panther. <i>Oecologia</i> , 2012, 168, 289-300.	2.0	12
388	Bone-associated gene evolution and the origin of flight in birds. <i>BMC Genomics</i> , 2016, 17, 371.	2.8	12
389	Innovative assembly strategy contributes to understanding the evolution and conservation genetics of the endangered <i>Solenodon paradoxus</i> from the island of Hispaniola. <i>GigaScience</i> , 2018, 7, .	6.4	12
390	Avian Binocularity and Adaptation to Nocturnal Environments: Genomic Insights from a Highly Derived Visual Phenotype. <i>Genome Biology and Evolution</i> , 2019, 11, 2244-2255.	2.5	12
391	Serum Antibody to Rift Valley Fever Virus in African Carnivores. <i>Annals of the New York Academy of Sciences</i> , 1996, 791, 345-349.	3.8	11
392	Applying molecular genetic tools to the conservation and action plan for the critically endangered Far Eastern leopard (<i>Panthera pardus orientalis</i>). <i>Comptes Rendus - Biologies</i> , 2003, 326, 93-97.	0.2	11
393	Genome empowerment for the Puerto Rican parrot “Amazona vittata”. <i>GigaScience</i> , 2012, 1, 13.	6.4	11
394	Fish Lateral Line Innovation: Insights into the Evolutionary Genomic Dynamics of a Unique Mechanosensory Organ. <i>Molecular Biology and Evolution</i> , 2012, 29, 3887-3898.	8.9	11
395	Mapping of the Domestic Cat “SILVER” Coat Color Locus Identifies a Unique Genomic Location for Silver in Mammals. <i>Journal of Heredity</i> , 2009, 100, S8-S13.	2.4	10
396	Genetic Variations Affecting Serum Carcinoembryonic Antigen Levels and Status of Regional Lymph Nodes in Patients with Sporadic Colorectal Cancer from Southern China. <i>PLoS ONE</i> , 2014, 9, e97923.	2.5	10

#	ARTICLE	IF	CITATIONS
397	Development of MHC-Linked Microsatellite Markers in the Domestic Cat and Their Use to Evaluate MHC Diversity in Domestic Cats, Cheetahs, and Gir Lions. <i>Journal of Heredity</i> , 2014, 105, 493-505.	2.4	10
398	Conservation Genetics of the Cheetah: Genetic History and Implications for Conservation. , 2018, , 71-92.		10
399	Genomes and evolution. <i>Current Opinion in Genetics and Development</i> , 2005, 15, 569-571.	3.3	9
400	Status of the world's smallest mammal, the bumble-bee bat <i>Craseonycteris thonglongyai</i> , in Myanmar. <i>Oryx</i> , 2006, 40, 456-463.	1.0	9
401	Molecular genetic evidence for social group disruption of wild vicuñas <i>Vicugna vicugna</i> captured for wool harvest in Chile. <i>Small Ruminant Research</i> , 2009, 84, 28-34.	1.2	9
402	Positive Selection Linked with Generation of Novel Mammalian Dentition Patterns. <i>Genome Biology and Evolution</i> , 2016, 8, 2748-2759.	2.5	9
403	Mitogenomic sequences support a north-south subspecies subdivision within <i>Solenodon paradoxus</i> . <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2017, 28, 662-670.	0.7	9
404	Whole-Genome Analysis of <i>Mycobacterium tuberculosis</i> from Patients with Tuberculous Spondylitis, Russia. <i>Emerging Infectious Diseases</i> , 2018, 24, 579-583.	4.3	9
405	Lack of Associations Between HLA Class II Alleles and Resistance to HIV-1 Infection Among White, Non-Hispanic Homosexual Men. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2004, 37, 1313-1317.	2.1	8
406	The dynamic proliferation of CanSINEs mirrors the complex evolution of Feliforms. <i>BMC Evolutionary Biology</i> , 2014, 14, 137.	3.2	8
407	Putting Russia on the genome map. <i>Science</i> , 2015, 350, 747-747.	12.6	8
408	Comparative Chromosome Mapping of Musk Ox and the X Chromosome among Some Bovidae Species. <i>Genes</i> , 2019, 10, 857.	2.4	8
409	Molecular cloning, chromosomal assignment, and nucleotide sequence of the feline homeobox HOX3A. <i>Genomics</i> , 1991, 11, 1007-1013.	2.9	7
410	Genetic characterization of parental cell lines and biochemical analysis of somatic cell hybrids between mouse (RAG) cells and fibroblasts of <i>Ateles paniscus chamek</i> (primates, platyrrhini). <i>American Journal of Primatology</i> , 1993, 30, 181-194.	1.7	7
411	The genomics generation. <i>Current Biology</i> , 1993, 3, 395-397.	3.9	7
412	Analytical “bake-off” of whole genome sequencing quality for the Genome Russia project using a small cohort for autoimmune hepatitis. <i>PLoS ONE</i> , 2018, 13, e0200423.	2.5	7
413	Linkage mapping of human polymorphic proteins identified by two-dimensional electrophoresis. <i>Genomics</i> , 1991, 11, 875-884.	2.9	6
414	Genetic Evidence for Contrasting Wetland and Savannah Habitat Specializations in Different Populations of Lions (<i>Panthera leo</i>). <i>Journal of Heredity</i> , 2016, 107, 101-103.	2.4	6

#	ARTICLE	IF	CITATIONS
415	Draft genome of <i>Bugula neritina</i> , a colonial animal packing powerful symbionts and potential medicines. <i>Scientific Data</i> , 2020, 7, 356.	5.3	6
416	Adaptive chaos and AIDS. <i>Current Biology</i> , 1992, 2, 203-205.	3.9	5
417	Cats. <i>Current Biology</i> , 2004, 14, R988-R989.	3.9	5
418	Analysis of demographic and genetic trends for developing a captive breeding masterplan for the giant panda. , 2006, , 495-519.		5
419	Artifacts of the 1.9x Feline Genome Assembly Derived from the Feline-Specific Satellite Sequence. <i>Journal of Heredity</i> , 2009, 100, S14-S18.	2.4	5
420	Restoring Tigers to the Caspian Region. <i>Science</i> , 2011, 333, 822-823.	12.6	5
421	GWATCH: a web platform for automated gene association discovery analysis. <i>GigaScience</i> , 2014, 3, 18.	6.4	5
422	Primary cultures of human colon cancer as a model to study cancer stem cells. <i>Tumor Biology</i> , 2016, 37, 12833-12842.	1.8	5
423	PGD: a pangolin genome hub for the research community. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw063.	3.0	5
424	[8] Two-dimensional protein electrophoresis in phylogenetic studies. <i>Methods in Enzymology</i> , 1993, 224, 113-121.	1.0	4
425	Cloning and chromosome mapping of the feline genes p21WAF1 and p27Kip1. <i>Gene</i> , 1997, 198, 141-147.	2.2	4
426	Koalas (<i>Phascolarctos cinereus</i>) From Queensland Are Genetically Distinct From 2 Populations in Victoria. <i>Journal of Heredity</i> , 2016, 107, 573-580.	2.4	4
427	A Beautiful Life: High Riskâ€“High Payoff in Genetic Science. <i>Annual Review of Animal Biosciences</i> , 2020, 8, 1-24.	7.4	4
428	The Domestic Cat, <i>Felis catus</i> , as a Model of Hereditary and Infectious Disease. , 2008, , 221-232.		4
429	Palaeontological and molecular views of panda phylogeny. <i>Nature</i> , 1986, 319, 428-428.	27.8	3
430	Parentage assessment among captive giant pandas in China. , 2006, , 245-273.		3
431	Examination of disease-based selection, demographic history and population structure in European Y-chromosome haplogroup I. <i>Journal of Human Genetics</i> , 2010, 55, 613-620.	2.3	3
432	New Gene Variants Associated with the Risk of Chronic HBV Infection. <i>Virologica Sinica</i> , 2020, 35, 378-387.	3.0	3

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433	Genome-wide association study reveals genetic variants associated with HIV-1C infection in a Botswana study population. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2107830118.	7.1	3
434	Genetic aspects of carcinogenesis and carcinogen testing. Journal of Toxicology and Environmental Health - Part A: Current Issues, 1979, 5, 69-81.	2.3	2
435	Editorial overview. Current Opinion in Genetics and Development, 1993, 3, 835-837.	3.3	2
436	Introduction. Comparative genomics in vertebrates: a role for the platypus. Reproduction, Fertility and Development, 2009, 21, vii.	0.4	2
437	Response to Comment by Faurby, Werdelin and Svenning. Genome Biology, 2016, 17, 90.	8.8	2
438	Signal localization: a new approach in signal discovery. Biometrical Journal, 2017, 59, 126-144.	1.0	2
439	Introduction. Comparative genomics in vertebrates: a role for the platypus. Australian Journal of Zoology, 2009, 57, vii.	1.0	2
440	A decade of GigaScience: A perspective on conservation genetics. GigaScience, 2022, 11, .	6.4	2
441	The paired label assay for cell surface antigens. Tissue Culture Association Manual, 1976, 2, 423-427.	0.3	1
442	Parallels of genomic organization and of endogenous retrovirus organization in cat and man. Genesis, 1983, 4, 341-354.	2.1	1
443	Reply from S.I. O'Brien. Trends in Ecology and Evolution, 1989, 4, 178-178.	8.7	1
444	Assignment of the feline β -L-iduronidase gene to chromosome D4. Genomics, 1989, 4, 442-444.	2.9	1
445	Genetic Future for Florida Panthersâ€™Response. Science, 2010, 330, 1744-1744.	12.6	1
446	Life table estimator revisited. Communications in Statistics - Theory and Methods, 2018, 47, 2126-2133.	1.0	1
447	Genetic Analysis in Mammals: Past, Present, and Future., 1986, , 139-149.		1
448	Reply:. Hepatology, 2011, 54, 375-376.	7.3	0
449	Evolution: A New Cat Species Emerges. Current Biology, 2013, 23, R1103-R1105.	3.9	0
450	Preoperative transcatheter arterial chemotherapy may suppress oxidative stress in hepatocellular carcinoma cells and reduce the risk of short-term relapse. Oncotarget, 2017, 8, 54402-54415.	1.8	0