

# Yong-Gang Yao

## List of Publications by Year in descending order

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286  
papers

11,161  
citations

31902

53  
h-index

46693

89  
g-index

297  
all docs

297  
docs citations

297  
times ranked

11561  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phylogeographic Differentiation of Mitochondrial DNA in Han Chinese. <i>American Journal of Human Genetics</i> , 2002, 70, 635-651.	2.6	491
2	Multiple maternal origins of chickens: Out of the Asian jungles. <i>Molecular Phylogenetics and Evolution</i> , 2006, 38, 12-19.	1.2	379
3	Updating the East Asian mtDNA phylogeny: a prerequisite for the identification of pathogenic mutations. <i>Human Molecular Genetics</i> , 2006, 15, 2076-2086.	1.4	346
4	Genome of the Chinese tree shrew. <i>Nature Communications</i> , 2013, 4, 1426.	5.8	284
5	Phylogeny of East Asian Mitochondrial DNA Lineages Inferred from Complete Sequences. <i>American Journal of Human Genetics</i> , 2003, 73, 671-676.	2.6	280
6	Different Matrilineal Contributions to Genetic Structure of Ethnic Groups in the Silk Road Region in China. <i>Molecular Biology and Evolution</i> , 2004, 21, 2265-2280.	3.5	222
7	Mitochondrial genome evidence reveals successful Late Paleolithic settlement on the Tibetan Plateau. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21230-21235.	3.3	218
8	Chicken domestication: an updated perspective based on mitochondrial genomes. <i>Heredity</i> , 2013, 110, 277-282.	1.2	217
9	Activation of PPARA-mediated autophagy reduces Alzheimer disease-like pathology and cognitive decline in a murine model. <i>Autophagy</i> , 2020, 16, 52-69.	4.3	193
10	A Critical Reassessment of the Role of Mitochondria in Tumorigenesis. <i>PLoS Medicine</i> , 2005, 2, e296.	3.9	188
11	A systematic integrated analysis of brain expression profiles reveals <i>YAP1</i> and other prioritized hub genes as important upstream regulators in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2018, 14, 215-229.	0.4	172
12	Genetic relationship of Chinese ethnic populations revealed by mtDNA sequence diversity. <i>American Journal of Physical Anthropology</i> , 2002, 118, 63-76.	2.1	151
13	The Dazzling Array of Basal Branches in the mtDNA Macrohaplogroup M from India as Inferred from Complete Genomes. <i>Molecular Biology and Evolution</i> , 2006, 23, 683-690.	3.5	142
14	Genetic diversity and origin of Chinese cattle revealed by mtDNA D-loop sequence variation. <i>Molecular Phylogenetics and Evolution</i> , 2006, 38, 146-154.	1.2	141
15	Mitochondrial DNA Haplogroups M7b1 and M8a Affect Clinical Expression of Leber Hereditary Optic Neuropathy in Chinese Families with the m.11778G>A Mutation. <i>American Journal of Human Genetics</i> , 2008, 83, 760-768.	2.6	124
16	Population phylogenomic analysis of mitochondrial DNA in wild boars and domestic pigs revealed multiple domestication events in East Asia. <i>Genome Biology</i> , 2007, 8, R245.	13.9	122
17	MitoTool: A web server for the analysis and retrieval of human mitochondrial DNA sequence variations. <i>Mitochondrion</i> , 2011, 11, 351-356.	1.6	121
18	Mitochondrial DNA sequence polymorphisms of five ethnic populations from northern China. <i>Human Genetics</i> , 2003, 113, 391-405.	1.8	116

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19	Decreased mitochondrial DNA copy number in the hippocampus and peripheral blood during opiate addiction is mediated by autophagy and can be salvaged by melatonin. <i>Autophagy</i> , 2013, 9, 1395-1406.	4.3	112
20	Analysis of the 18S rRNA genes of <i>Sarcocystis</i> species suggests that the morphologically similar organisms from cattle and water buffalo should be considered the same species. <i>Molecular and Biochemical Parasitology</i> , 2001, 115, 283-288.	0.5	110
21	Pseudomitochondrial genome haunts disease studies. <i>Journal of Medical Genetics</i> , 2008, 45, 769-772.	1.5	106
22	Identification of Native American Founder mtDNAs Through the Analysis of Complete mtDNA Sequences: Some Caveats. <i>Annals of Human Genetics</i> , 2003, 67, 512-524.	0.3	103
23	A circadian rhythm-gated subcortical pathway for nighttime-light-induced depressive-like behaviors in mice. <i>Nature Neuroscience</i> , 2020, 23, 869-880.	7.1	100
24	A call for mtDNA data quality control in forensic science. <i>Forensic Science International</i> , 2004, 141, 1-6.	1.3	97
25	Loss of RIG-I leads to a functional replacement with MDA5 in the Chinese tree shrew. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10950-10955.	3.3	93
26	Immunolocalization and Expression of Vascular Endothelial Growth Factor Receptors (VEGFRs) and Neuropilins (NRPs) on Keratinocytes in Human Epidermis. <i>Molecular Medicine</i> , 2006, 12, 127-136.	1.9	91
27	SZDB: A Database for Schizophrenia Genetic Research. <i>Schizophrenia Bulletin</i> , 2017, 43, sbw102.	2.3	91
28	Melatonin attenuates MPTP-induced neurotoxicity via preventing CDK5-mediated autophagy and SNCA/α-synuclein aggregation. <i>Autophagy</i> , 2015, 11, 1745-1759.	4.3	88
29	A reappraisal of complete mtDNA variation in East Asian families with hearing impairment. <i>Human Genetics</i> , 2006, 119, 505-515.	1.8	87
30	Population structure and history in East Asia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 14003-14006.	3.3	86
31	Comprehensive integrative analyses identify GLT8D1 and CSNK2B as schizophrenia risk genes. <i>Nature Communications</i> , 2018, 9, 838.	5.8	80
32	Gene admixture in the Silk Road region of China: Evidence from mtDNA and melanocortin 1 receptor polymorphism. <i>Genes and Genetic Systems</i> , 2000, 75, 173-178.	0.2	79
33	VEGF selectively induces Down syndrome critical region 1 gene expression in endothelial cells: a mechanism for feedback regulation of angiogenesis?. <i>Biochemical and Biophysical Research Communications</i> , 2004, 321, 648-656.	1.0	79
34	Exaggerated status of "novel" and "pathogenic" mtDNA sequence variants due to inadequate database searches. <i>Human Mutation</i> , 2009, 30, 191-196.	1.1	79
35	Reconstructing the Evolutionary History of China: A Caveat About Inferences Drawn from Ancient DNA. <i>Molecular Biology and Evolution</i> , 2003, 20, 214-219.	3.5	78
36	Large-Scale mtDNA Screening Reveals a Surprising Matrilineal Complexity in East Asia and Its Implications to the Peopling of the Region. <i>Molecular Biology and Evolution</i> , 2011, 28, 513-522.	3.5	76



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55	<i>Complement C7</i> is a novel risk gene for Alzheimer's disease in Han Chinese. National Science Review, 2019, 6, 257-274.	4.6	55
56	Genetic Relationship of Chinese and Japanese Gamecocks Revealed by mtDNA Sequence Variation. Biochemical Genetics, 2006, 44, 18-28.	0.8	53
57	Species authentication of commercial beef jerky based on PCR-RFLP analysis of the mitochondrial 12S rRNA gene. Journal of Genetics and Genomics, 2010, 37, 763-769.	1.7	53
58	Length polymorphism of thymidylate synthase regulatory region in Chinese populations and evolution of the novel alleles. Biochemical Genetics, 2002, 40, 41-51.	0.8	52
59	Strikingly different penetrance of LHON in two Chinese families with primary mutation G11778A is independent of mtDNA haplogroup background and secondary mutation G13708A. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 643, 48-53.	0.4	52
60	Mitochondrial DNA haplogroup B5 confers genetic susceptibility to Alzheimer's disease in Han Chinese. Neurobiology of Aging, 2015, 36, 1604.e7-1604.e16.	1.5	50
61	Mitochondrial DNA sequence variation in single cells from leukemia patients. Blood, 2007, 109, 756-762.	0.6	49
62	COVID-19-like symptoms observed in Chinese tree shrews infected with SARS-CoV-2. Zoological Research, 2020, 41, 517-526.	0.9	49
63	Systematic Integration of Brain eQTL and GWAS Identifies <i>ZNF323</i> as a Novel Schizophrenia Risk Gene and Suggests Recent Positive Selection Based on Compensatory Advantage on Pulmonary Function. Schizophrenia Bulletin, 2015, 41, 1294-1308.	2.3	48
64	Somatic mutations of mitochondrial genome in early stage breast cancer. International Journal of Cancer, 2007, 121, 1253-1256.	2.3	46
65	Distilling Artificial Recombinants from Large Sets of Complete mtDNA Genomes. PLoS ONE, 2008, 3, e3016.	1.1	46
66	BRG1 Is Required for Formation of Senescence-Associated Heterochromatin Foci Induced by Oncogenic RAS or BRCA1 Loss. Molecular and Cellular Biology, 2013, 33, 1819-1829.	1.1	46
67	Female-specific effect of the BDNF gene on Alzheimer's disease. Neurobiology of Aging, 2017, 53, 192.e11-192.e19.	1.5	46
68	Expression of VEGFR-2 on HaCaT cells is regulated by VEGF and plays an active role in mediating VEGF induced effects. Biochemical and Biophysical Research Communications, 2006, 349, 31-38.	1.0	45
69	Genetic diversity of Chinese domestic goat based on the mitochondrial DNA sequence variation. Journal of Animal Breeding and Genetics, 2009, 126, 80-89.	0.8	45
70	Asymptomatic oral yeast carriage and antifungal susceptibility profile of HIV-infected patients in Kunming, Yunnan Province of China. BMC Infectious Diseases, 2013, 13, 46.	1.3	45
71	Genetic variants of complement genes Ficolin-2, Mannose-binding lectin and Complement factor H are associated with leprosy in Han Chinese from Southwest China. Human Genetics, 2013, 132, 629-640.	1.8	45
72	DomeTree: a canonical toolkit for mitochondrial <sc>DNA</sc> analyses in domesticated animals. Molecular Ecology Resources, 2015, 15, 1238-1242.	2.2	45

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73	Mitochondrial DNA sequence diversity and origin of Chinese domestic yak. <i>Animal Genetics</i> , 2007, 38, 77-80.	0.6	44
74	The GWAS Risk Genes for Depression May Be Actively Involved in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 64, 1149-1161.	1.2	43
75	Experimental primates and non-human primate (NHP) models of human diseases in China: current status and progress. <i>Zoological Research</i> , 2014, 35, 447-64.	0.6	43
76	Chromosomal level assembly and population sequencing of the Chinese tree shrew genome. <i>Zoological Research</i> , 2019, 40, 506-521.	0.9	43
77	High penetrance of sequencing errors and interpretative shortcomings in mtDNA sequence analysis of LHON patients. <i>Biochemical and Biophysical Research Communications</i> , 2007, 352, 283-291.	1.0	42
78	Missense Variants in HIF1A and LACC1 Contribute to Leprosy Risk in Han Chinese. <i>American Journal of Human Genetics</i> , 2018, 102, 794-805.	2.6	42
79	To Trust or Not to Trust an Idiosyncratic Mitochondrial Data Set. <i>American Journal of Human Genetics</i> , 2003, 72, 1341-1346.	2.6	41
80	Comparative population genomics reveals genetic basis underlying body size of domestic chickens. <i>Journal of Molecular Cell Biology</i> , 2016, 8, 542-552.	1.5	41
81	Mitochondrial DNA 5178A polymorphism and longevity. <i>Human Genetics</i> , 2002, 111, 462-463.	1.8	40
82	Melatonin alleviates morphine analgesic tolerance in mice by decreasing NLRP3 inflammasome activation. <i>Redox Biology</i> , 2020, 34, 101560.	3.9	39
83	Mitochondrial DNA Haplogroup Background Affects LHON, but Not Suspected LHON, in Chinese Patients. <i>PLoS ONE</i> , 2011, 6, e27750.	1.1	39
84	Mitochondrial DNA haplogroup distribution in Chaoshanese with and without myopia. <i>Molecular Vision</i> , 2010, 16, 303-9.	1.1	39
85	IDH1 and IDH2 mutations are frequent in Chinese patients with acute myeloid leukemia but rare in other types of hematological disorders. <i>Biochemical and Biophysical Research Communications</i> , 2010, 402, 378-383.	1.0	38
86	Genetic variants of the MRC1 gene and the IFNG gene are associated with leprosy in Han Chinese from Southwest China. <i>Human Genetics</i> , 2012, 131, 1251-1260.	1.8	38
87	The cAMP responsive element-binding (CREB)-1 gene increases risk of major psychiatric disorders. <i>Molecular Psychiatry</i> , 2018, 23, 1957-1967.	4.1	38
88	Evaluating risk loci for schizophrenia distilled from genome-wide association studies in Han Chinese from central China. <i>Molecular Psychiatry</i> , 2013, 18, 638-639.	4.1	37
89	Whole-genome sequencing of monozygotic twins discordant for schizophrenia indicates multiple genetic risk factors for schizophrenia. <i>Journal of Genetics and Genomics</i> , 2017, 44, 295-306.	1.7	36
90	Out of Southern East Asia of the Brown Rat Revealed by Large-Scale Genome Sequencing. <i>Molecular Biology and Evolution</i> , 2018, 35, 149-158.	3.5	36

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91	Common variants on 6q16.2, 12q24.31 and 16p13.3 are associated with major depressive disorder. <i>Neuropsychopharmacology</i> , 2018, 43, 2146-2153.	2.8	36
92	Recent Positive Selection Drives the Expansion of a Schizophrenia Risk Nonsynonymous Variant at <i>SLC39A8</i> in Europeans. <i>Schizophrenia Bulletin</i> , 2016, 42, sbv070.	2.3	35
93	The Gene Encoding Protocadherin 9 (PCDH9), a Novel Risk Factor for Major Depressive Disorder. <i>Neuropsychopharmacology</i> , 2018, 43, 1128-1137.	2.8	35
94	SZDB2.0: an updated comprehensive resource for schizophrenia research. <i>Human Genetics</i> , 2020, 139, 1285-1297.	1.8	35
95	Novel Risk Loci Associated With Genetic Risk for Bipolar Disorder Among Han Chinese Individuals. <i>JAMA Psychiatry</i> , 2021, 78, 320.	6.0	35
96	Upregulation of placental growth factor by vascular endothelial growth factor via a post-transcriptional mechanism. <i>FEBS Letters</i> , 2005, 579, 1227-1234.	1.3	34
97	Inland post-glacial dispersal in East Asia revealed by mitochondrial haplogroup M9a'b. <i>BMC Biology</i> , 2011, 9, 2.	1.7	34
98	Tree shrew database (TreeshrewDB): a genomic knowledge base for the Chinese tree shrew. <i>Scientific Reports</i> , 2014, 4, 7145.	1.6	34
99	Age-dependent accumulation of mtDNA mutations in murine hematopoietic stem cells is modulated by the nuclear genetic background. <i>Human Molecular Genetics</i> , 2007, 16, 286-294.	1.4	33
100	Median network analysis of defectively sequenced entire mitochondrial genomes from early and contemporary disease studies. <i>Journal of Human Genetics</i> , 2009, 54, 174-181.	1.1	32
101	Deciphering the Signature of Selective Constraints on Cancerous Mitochondrial Genome. <i>Molecular Biology and Evolution</i> , 2012, 29, 1255-1261.	3.5	32
102	Identification and association of the single nucleotide polymorphisms in calpain3 (CAPN3) gene with carcass traits in chickens. <i>BMC Genetics</i> , 2009, 10, 10.	2.7	31
103	Mitochondrial DNA Copy Number, but Not Haplogroup, Confers a Genetic Susceptibility to Leprosy in Han Chinese from Southwest China. <i>PLoS ONE</i> , 2012, 7, e38848.	1.1	31
104	A homogenous nature of native Chinese duck matrilineal pool. <i>BMC Evolutionary Biology</i> , 2008, 8, 298.	3.2	30
105	PLD3 in Alzheimer's Disease: a Modest Effect as Revealed by Updated Association and Expression Analyses. <i>Molecular Neurobiology</i> , 2016, 53, 4034-4045.	1.9	30
106	The Arc Gene Confers Genetic Susceptibility to Alzheimer's Disease in Han Chinese. <i>Molecular Neurobiology</i> , 2018, 55, 1217-1226.	1.9	30
107	Genetic association of the cytochrome c oxidase-related genes with Alzheimer's disease in Han Chinese. <i>Neuropsychopharmacology</i> , 2018, 43, 2264-2276.	2.8	29
108	The acquisition of an inheritable 50-bp deletion in the human mtDNA control region does not affect the mtDNA copy number in peripheral blood cells. <i>Human Mutation</i> , 2010, 31, n/a-n/a.	1.1	28

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109	Association between MT-CO3 haplotypes and high-altitude adaptation in Tibetan chicken. <i>Gene</i> , 2013, 529, 131-137.	1.0	28
110	A Matrilineal Genetic Legacy from the Last Glacial Maximum Confers Susceptibility to Schizophrenia in Han Chinese. <i>Journal of Genetics and Genomics</i> , 2014, 41, 397-407.	1.7	28
111	The MT-ND1 and MT-ND5 genes are mutational hotspots for Chinese families with clinical features of LHON but lacking the three primary mutations. <i>Biochemical and Biophysical Research Communications</i> , 2010, 399, 179-185.	1.0	27
112	Mitochondrial genomes of domestic animals need scrutiny. <i>Molecular Ecology</i> , 2014, 23, 5393-5397.	2.0	27
113	Integrative analyses of major histocompatibility complex loci in the genome-wide association studies of major depressive disorder. <i>Neuropsychopharmacology</i> , 2019, 44, 1552-1561.	2.8	27
114	Mitochondrial genes and schizophrenia. <i>Schizophrenia Research</i> , 2005, 72, 267-269.	1.1	26
115	Genetic Analyses of Alzheimer's Disease in China: Achievements and Perspectives. <i>ACS Chemical Neuroscience</i> , 2019, 10, 890-901.	1.7	26
116	Distorted mitochondrial DNA sequences in schizophrenic patients. <i>European Journal of Human Genetics</i> , 2007, 15, 400-402.	1.4	25
117	Does the Genetic Feature of the Chinese Tree Shrew ( <i>Tupaia belangeri chinensis</i> ) Support Its Potential as a Viable Model for Alzheimer's Disease Research?. <i>Journal of Alzheimer's Disease</i> , 2018, 61, 1015-1028.	1.2	25
118	The depression GWAS risk allele predicts smaller cerebellar gray matter volume and reduced SIRT1 mRNA expression in Chinese population. <i>Translational Psychiatry</i> , 2019, 9, 333.	2.4	25
119	Polymerase chain reaction based C4AQ0 and C4BQ0 genotyping: association with systemic lupus erythematosus in southwest Han Chinese. <i>Annals of the Rheumatic Diseases</i> , 2003, 62, 71-73.	0.5	24
120	Effects of Tai Chi on the Protracted Abstinence Syndrome: A Time Trial Analysis. <i>The American Journal of Chinese Medicine</i> , 2013, 41, 43-57.	1.5	24
121	Identification of SLC25A37 as a major depressive disorder risk gene. <i>Journal of Psychiatric Research</i> , 2016, 83, 168-175.	1.5	24
122	Increased GSNOR Expression during Aging Impairs Cognitive Function and Decreases S-Nitrosation of CaMKII $\alpha$ . <i>Journal of Neuroscience</i> , 2017, 37, 9741-9758.	1.7	24
123	Rare Genetic Variants of the Transthyretin Gene Are Associated with Alzheimer's Disease in Han Chinese. <i>Molecular Neurobiology</i> , 2017, 54, 5192-5200.	1.9	24
124	Identification of the primate-specific gene BTN3A2 as an additional schizophrenia risk gene in the MHC loci. <i>EBioMedicine</i> , 2019, 44, 530-541.	2.7	24
125	Phylogeographic analysis of mitochondrial DNA haplogroup F2 in China reveals T12338C in the initiation codon of the ND5 gene not to be pathogenic. <i>Journal of Human Genetics</i> , 2004, 49, 414-423.	1.1	23
126	Mitochondrial DNA Sequence Variation and Haplogroup Distribution in Chinese Patients with LHON and m.14484T>C. <i>PLoS ONE</i> , 2010, 5, e13426.	1.1	23



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127	Co-occurrence of A1555G and G11778A in a Chinese family with high penetrance of Leber's hereditary optic neuropathy. <i>Biochemical and Biophysical Research Communications</i> , 2008, 376, 221-224.	1.0	22
128	Sequence Characterization of the <i>MC1R</i> Gene in Yak ( <i>Capreolus przewalskii</i> ) Breeds with Different Coat Colors. <i>Journal of Biomedicine and Biotechnology</i> , 2009, 2009, 1-6.	3.0	22
129	Molecular characterization of six Chinese families with m.3460G>A and Leber hereditary optic neuropathy. <i>Neurogenetics</i> , 2010, 11, 349-356.	0.7	22
130	Mutation and expression analysis of the <i>IDH1</i> , <i>IDH2</i> , <i>DNMT3A</i> , and <i>MYD88</i> genes in colorectal cancer. <i>Gene</i> , 2014, 546, 263-270.	1.0	22
131	Identification and characterization of toll-like receptors (TLRs) in the Chinese tree shrew ( <i>Tupaia</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock	1.0	22
132	Integrative analyses of leprosy susceptibility genes indicate a common autoimmune profile. <i>Journal of Dermatological Science</i> , 2016, 82, 18-27.	1.0	22
133	A novel missense variant in <i>ACAA1</i> contributes to early-onset Alzheimer's disease, impairs lysosomal function, and facilitates amyloid- $\beta^2$ pathology and cognitive decline. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 325.	7.1	22
134	Persistence of fetal vasculature in a patient with Knobloch syndrome. <i>Ophthalmology</i> , 2004, 111, 1885-1888.	2.5	21
135	External Contamination in Single Cell mtDNA Analysis. <i>PLoS ONE</i> , 2007, 2, e681.	1.1	21
136	The search of "novel" mtDNA mutations in hypertrophic cardiomyopathy: MITOMAPping as a risk factor. <i>International Journal of Cardiology</i> , 2008, 126, 439-442.	0.8	21
137	Presence of mutation m.14484T>C in a Chinese family with maternally inherited essential hypertension but no expression of LHON. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1535-1543.	1.8	21
138	Complement factor H and susceptibility to major depressive disorder in Han Chinese. <i>British Journal of Psychiatry</i> , 2016, 208, 446-452.	1.7	21
139	Neprilysin Confers Genetic Susceptibility to Alzheimer's Disease in Han Chinese. <i>Molecular Neurobiology</i> , 2016, 53, 4883-4892.	1.9	21
140	Mitochondrial genomes uncover the maternal history of the Pamir populations. <i>European Journal of Human Genetics</i> , 2018, 26, 124-136.	1.4	21
141	Characterization of 12 polymorphic microsatellite markers in the Chinese tree shrew ( <i>Tupaia belangeri</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock	0.6	21
142	No association between the SNPs (rs3749446 and rs1402000) in the <i>PARL</i> gene and LHON in Chinese patients with m.11778G>A. <i>Human Genetics</i> , 2010, 128, 465-468.	1.8	20
143	Accumulation of mtDNA variations in human single CD34+ cells from maternally related individuals: Effects of aging and family genetic background. <i>Stem Cell Research</i> , 2013, 10, 361-370.	0.3	20
144	Mutation and association analyses of dementia-causal genes in Han Chinese patients with early-onset and familial Alzheimer's disease. <i>Journal of Psychiatric Research</i> , 2019, 113, 141-147.	1.5	20

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145	An Alternative Splicing of <i>Tupaia</i> STING Modulated Anti-RNA Virus Responses by Targeting MDA5-LGP2 and IRF3. <i>Journal of Immunology</i> , 2020, 204, 3191-3204.	0.4	20
146	Functional Genomics Identify a Regulatory Risk Variation rs4420550 in the 16p11.2 Schizophrenia-Associated Locus. <i>Biological Psychiatry</i> , 2021, 89, 246-255.	0.7	20
147	The high diversity of SARS-CoV-2-related coronaviruses in pangolins alters potential ecological risks. <i>Zoological Research</i> , 2021, 42, 833-843.	0.9	20
148	The brave new era of human genetic testing. <i>BioEssays</i> , 2008, 30, 1246-1251.	1.2	19
149	Screening the three LHON primary mutations in the general Chinese population by using an optimized multiplex allele-specific PCR. <i>Clinica Chimica Acta</i> , 2010, 411, 1671-1674.	0.5	19
150	Patrilineal Perspective on the Austronesian Diffusion in Mainland Southeast Asia. <i>PLoS ONE</i> , 2012, 7, e36437.	1.1	19
151	Mitochondrial DNA Haplogroup Confers Genetic Susceptibility to Nasopharyngeal Carcinoma in Chaoshanese from Guangdong, China. <i>PLoS ONE</i> , 2014, 9, e87795.	1.1	19
152	Mitochondrial DNA mutations in single human blood cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015, 779, 68-77.	0.4	19
153	Characterization of a MAVS ortholog from the Chinese tree shrew ( <i>Tupaia belangeri chinensis</i> ). <i>Developmental and Comparative Immunology</i> , 2015, 52, 58-68.	1.0	19
154	Evolutionary selection on MDA5 and LGP2 in the chicken preserves antiviral competence in the absence of RIG-I. <i>Journal of Genetics and Genomics</i> , 2019, 46, 499-503.	1.7	19
155	Complete mitochondrial DNA genome sequence variation of Chinese families with mutation m.3635G>A and Leber hereditary optic neuropathy. <i>Molecular Vision</i> , 2012, 18, 3087-94.	1.1	19
156	Response to Comment on "Reconstructing the Origin of Andaman Islanders". <i>Science</i> , 2006, 311, 470b-470b.	6.0	18
157	Molecular evolution in the CREB1 signal pathway and a rare haplotype in CREB1 with genetic predisposition to schizophrenia. <i>Journal of Psychiatric Research</i> , 2014, 57, 84-89.	1.5	18
158	A cynomolgus monkey with naturally occurring Parkinson's disease. <i>National Science Review</i> , 2021, 8, nwaa292.	4.6	18
159	Comprehensive annotation of the Chinese tree shrew genome by large-scale RNA sequencing and long-read isoform sequencing. <i>Zoological Research</i> , 2021, 42, 692-709.	0.9	18
160	Rapid identification of mtDNA somatic mutations in gastric cancer tissues based on the mtDNA phylogeny. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 709-710, 15-20.	0.4	17
161	Promoter variant rs2301228 on the neural cell adhesion molecule 1 gene confers risk of schizophrenia in Han Chinese. <i>Schizophrenia Research</i> , 2014, 160, 88-96.	1.1	17
162	A genetic contribution from the Far East into Ashkenazi Jews via the ancient Silk Road. <i>Scientific Reports</i> , 2015, 5, 8377.	1.6	17

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163	Identification of a functional human-unique 351-bp Alu insertion polymorphism associated with major depressive disorder in the 1p31.1 GWAS risk loci. <i>Neuropsychopharmacology</i> , 2020, 45, 1196-1206.	2.8	17
164	Diverse Interleukin-7 mRNA Transcripts in Chinese Tree Shrew ( <i>Tupaia belangeri chinensis</i> ). <i>PLoS ONE</i> , 2014, 9, e99859.	1.1	17
165	Mitochondrial DNA mutation m.3635C>A may be associated with Leber hereditary optic neuropathy in Chinese. <i>Biochemical and Biophysical Research Communications</i> , 2009, 386, 392-395.	1.0	16
166	No association of the LRRK2 genetic variants with Alzheimer's disease in Han Chinese individuals. <i>Neurobiology of Aging</i> , 2014, 35, 444.e5-444.e9.	1.5	16
167	EMPOP-quality mtDNA control region sequences from Kashmiri of Azad Jammu & Kashmir, Pakistan. <i>Forensic Science International: Genetics</i> , 2016, 25, 125-131.	1.6	16
168	Molecular identification and antiviral function of the guanylate-binding protein (GBP) genes in the Chinese tree shrew ( <i>Tupaia belangeri chinensis</i> ). <i>Developmental and Comparative Immunology</i> , 2019, 96, 27-36.	1.0	16
169	The 3'UTR of human MAVS mRNA contains multiple regulatory elements for the control of protein expression and subcellular localization. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2019, 1862, 47-57.	0.9	16
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