Yong-Gang Yao

List of Publications by Year
in descending order

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286	11,161	31976	46799
papers	citations	53 h-index	89 g-index

297	297	297	11561
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phylogeographic Differentiation of Mitochondrial DNA in Han Chinese. American Journal of Human Genetics, 2002, 70, 635-651.	6.2	491
2	Multiple maternal origins of chickens: Out of the Asian jungles. Molecular Phylogenetics and Evolution, 2006, 38, 12-19.	2.7	379
3	Updating the East Asian mtDNA phylogeny: a prerequisite for the identification of pathogenic mutations. Human Molecular Genetics, 2006, 15, 2076-2086.	2.9	346
4	Genome of the Chinese tree shrew. Nature Communications, 2013, 4, 1426.	12.8	284
5	Phylogeny of East Asian Mitochondrial DNA Lineages Inferred from Complete Sequences. American Journal of Human Genetics, 2003, 73, 671-676.	6.2	280
6	Different Matrilineal Contributions to Genetic Structure of Ethnic Groups in the Silk Road Region in China. Molecular Biology and Evolution, 2004, 21, 2265-2280.	8.9	222
7	Mitochondrial genome evidence reveals successful Late Paleolithic settlement on the Tibetan Plateau. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21230-21235.	7.1	218
8	Chicken domestication: an updated perspective based on mitochondrial genomes. Heredity, 2013, 110, 277-282.	2.6	217
9	Activation of PPARA-mediated autophagy reduces Alzheimer disease-like pathology and cognitive decline in a murine model. Autophagy, 2020, 16, 52-69.	9.1	193
10	A Critical Reassessment of the Role of Mitochondria in Tumorigenesis. PLoS Medicine, 2005, 2, e296.	8.4	188
11	A systematic integrated analysis of brain expression profiles reveals YAP1 and other prioritized hub genes as important upstream regulators inÂAlzheimer's disease. Alzheimer's and Dementia, 2018, 14, 215-229.	0.8	172
12	Genetic relationship of Chinese ethnic populations revealed by mtDNA sequence diversity. American Journal of Physical Anthropology, 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. Molecular Biology and Evolution, 2006, 23, 683-690.	8.9	142
14	Genetic diversity and origin of Chinese cattle revealed by mtDNA D-loop sequence variation. Molecular Phylogenetics and Evolution, 2006, 38, 146-154.	2.7	141
15	Mitochondrial DNA Haplogroups M7b1â€²2 and M8a Affect Clinical Expression of Leber Hereditary Optic Neuropathy in Chinese Families with the m.11778Gâ†'A Mutation. American Journal of Human Genetics, 2008, 83, 760-768.	6.2	124
16	Population phylogenomic analysis of mitochondrial DNA in wild boars and domestic pigs revealed multiple domestication events in East Asia. Genome Biology, 2007, 8, R245.	9.6	122
17	MitoTool: A web server for the analysis and retrieval of human mitochondrial DNA sequence variations. Mitochondrion, 2011, 11, 351-356.	3.4	121
18	Mitochondrial DNA sequence polymorphisms of five ethnic populations from northern China. Human Genetics, 2003, 113, 391-405.	3.8	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. Autophagy, 2013, 9, 1395-1406.	9.1	112
20	Analysis of the 18S rRNA genes of Sarcocystis species suggests that the morphologically similar organisms from cattle and water buffalo should be considered the same species. Molecular and Biochemical Parasitology, 2001, 115, 283-288.	1.1	110
21	Pseudomitochondrial genome haunts disease studies. Journal of Medical Genetics, 2008, 45, 769-772.	3.2	106
22	Identification of Native American Founder mtDNAs Through the Analysis of Complete mtDNA Sequences: Some Caveats. Annals of Human Genetics, 2003, 67, 512-524.	0.8	103
23	A circadian rhythm-gated subcortical pathway for nighttime-light-induced depressive-like behaviors in mice. Nature Neuroscience, 2020, 23, 869-880.	14.8	100
24	A call for mtDNA data quality control in forensic science. Forensic Science International, 2004, 141, 1-6.	2.2	97
25	Loss of RIG-I leads to a functional replacement with MDA5 in the Chinese tree shrew. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10950-10955.	7.1	93
26	Immunolocalization and Expression of Vascular Endothelial Growth Factor Receptors (VEGFRs) and Neuropilins (NRPs) on Keratinocytes in Human Epidermis. Molecular Medicine, 2006, 12, 127-136.	4.4	91
27	SZDB: A Database for Schizophrenia Genetic Research. Schizophrenia Bulletin, 2017, 43, sbw102.	4.3	91
28	Melatonin attenuates MPTP-induced neurotoxicity via preventing CDK5-mediated autophagy and SNCA/Î±-synuclein aggregation. Autophagy, 2015, 11, 1745-1759.	9.1	88
29	A reappraisal of complete mtDNA variation in East Asian families with hearing impairment. Human Genetics, 2006, 119, 505-515.	3.8	87
30	Population structure and history in East Asia. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 14003-14006.	7.1	86
31	Comprehensive integrative analyses identify GLT8D1 and CSNK2B as schizophrenia risk genes. Nature Communications, 2018, 9, 838.	12.8	80
32	Gene admixture in the Silk Road region of China: Evidence from mtDNA and melanocortin 1 receptor polymorphism.. Genes and Genetic Systems, 2000, 75, 173-178.	0.7	79
33	VEGF selectively induces Down syndrome critical region 1 gene expression in endothelial cells: a mechanism for feedback regulation of angiogenesis?. Biochemical and Biophysical Research Communications, 2004, 321, 648-656.	2.1	79
34	Exaggerated status of â€œnovelâ€•and â€œpathogenicâ€•mtDNA sequence variants due to inadequate database searches. Human Mutation, 2009, 30, 191-196.	2.5	79
35	Reconstructing the Evolutionary History of China: A Caveat About Inferences Drawn from Ancient DNA. Molecular Biology and Evolution, 2003, 20, 214-219.	8.9	78
36	Large-Scale mtDNA Screening Reveals a Surprising Matrilineal Complexity in East Asia and Its Implications to the Peopling of the Region. Molecular Biology and Evolution, 2011, 28, 513-522.	8.9	76

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37	Zoonotic origins of human coronavirus 2019 (HCoV-19 / SARS-CoV-2): why is this work important?. Zoological Research, 2020, 41, 213-219.	2.1	76
38	Low â€œpenetranceâ€•of phylogenetic knowledge in mitochondrial disease studies. Biochemical and Biophysical Research Communications, 2005, 333, 122-130.	2.1	74
39	å^›å^¶åŠ¨ç‰©æ¨¡åž‹,ä¸ºä½•ä¸ç”¨æ ‘é¼©å‘¢?. Zoological Research, 2017, 38, 118-126.	2.1	74
40	Evaluating the Phylogenetic Position of Chinese Tree Shrew (Tupaia belangeri chinensis) Based on Complete Mitochondrial Genome: Implication for Using Tree Shrew as an Alternative Experimental Animal to Primates in Biomedical Research. Journal of Genetics and Genomics, 2012, 39, 131-137.	3.9	70
41	An update to MitoTool: Using a new scoring system for faster mtDNA haplogroup determination. Mitochondrion, 2013, 13, 360-363.	3.4	70
42	Phylogeographic analysis of mtDNA variation in four ethnic populations from Yunnan Province: new data and a reappraisal. Journal of Human Genetics, 2002, 47, 311-318.	2.3	69
43	Positive selection rather than relaxation of functional constraint drives the evolution of vision during chicken domestication. Cell Research, 2016, 26, 556-573.	12.0	69
44	Tracing the Austronesian Footprint in Mainland Southeast Asia: A Perspective from Mitochondrial DNA. Molecular Biology and Evolution, 2010, 27, 2417-2430.	8.9	68
45	Specific inhibition of the NLRP3 inflammasome suppresses immune overactivation and alleviates COVID-19 like pathology in mice. EBioMedicine, 2022, 75, 103803.	6.1	68
46	The case for the continuing use of the revised Cambridge Reference Sequence (rCRS) and the standardization of notation in human mitochondrial DNA studies. Journal of Human Genetics, 2014, 59, 66-77.	2.3	66
47	<i>Atg5</i>- and <i>Atg7</i>-dependent autophagy in dopaminergic neurons regulates cellular and behavioral responses to morphine. Autophagy, 2017, 13, 1496-1511.	9.1	65
48	mtDNA Data Mining in GenBank Needs Surveying. American Journal of Human Genetics, 2009, 85, 929-933.	6.2	63
49	Long-term propagation of tree shrew spermatogonial stem cells in culture and successful generation of transgenic offspring. Cell Research, 2017, 27, 241-252.	12.0	63
50	Validating GWAS-Identified Risk Loci for Alzheimerâ€™s Disease in Han Chinese Populations. Molecular Neurobiology, 2016, 53, 379-390.	4.0	62
51	Longitudinal transcriptome analyses show robust T cell immunity during recovery from COVID-19. Signal Transduction and Targeted Therapy, 2020, 5, 294.	17.1	62
52	Association of the LRRK2 genetic polymorphisms with leprosy in Han Chinese from Southwest China. Genes and Immunity, 2015, 16, 112-119.	4.1	61
53	Evolutionary history of the mtDNA 9-bp deletion in Chinese populations and its relevance to the peopling of east and southeast Asia. Human Genetics, 2000, 107, 504-512.	3.8	59
54	CFH Variants Affect Structural and Functional Brain Changes and Genetic Risk of Alzheimerâ€™s Disease. Neuropsychopharmacology, 2016, 41, 1034-1045.	5.4	58

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55	Complement C7is a novel risk gene for Alzheimer's disease in Han Chinese. National Science Review, 2019, 6, 257-274.	9.5	55
56	Genetic Relationship of Chinese and Japanese Gamecocks Revealed by mtDNA Sequence Variation. Biochemical Genetics, 2006, 44, 18-28.	1.7	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.	3.9	53
58	Length polymorphism of thymidylate synthase regulatory region in Chinese populations and evolution of the novel alleles. Biochemical Genetics, 2002, 40, 41-51.	1.7	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.	1.0	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.	3.1	50
61	Mitochondrial DNA sequence variation in single cells from leukemia patients. Blood, 2007, 109, 756-762.	1.4	49
62	COVID-19-like symptoms observed in Chinese tree shrews infected with SARS-CoV-2. Zoological Research, 2020, 41, 517-526.	2.1	49
63	Systematic Integration of Brain eQTL and GWAS IdentifiesZNF323as a Novel Schizophrenia Risk Gene and Suggests Recent Positive Selection Based on Compensatory Advantage on Pulmonary Function. Schizophrenia Bulletin, 2015, 41, 1294-1308.	4.3	48
64	Somatic mutations of mitochondrial genome in early stage breast cancer. International Journal of Cancer, 2007, 121, 1253-1256.	5.1	46
65	Distilling Artificial Recombinants from Large Sets of Complete mtDNA Genomes. PLoS ONE, 2008, 3, e3016.	2.5	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.	2.3	46
67	Female-specific effect of the BDNF gene on Alzheimer's disease. Neurobiology of Aging, 2017, 53, 192.e11-192.e19.	3.1	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.	2.1	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.	2.0	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.	2.9	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.	3.8	45
72	DomeTree: a canonical toolkit for mitochondrial <scp>DNA</scp> analyses in domesticated animals. Molecular Ecology Resources, 2015, 15, 1238-1242.	4.8	45

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73	Mitochondrial DNA sequence diversity and origin of Chinese domestic yak. Animal Genetics, 2007, 38, 77-80.	1.7	44
74	The GWAS Risk Genes for Depression May Be Actively Involved in Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2018, 64, 1149-1161.	2.6	43
75	Experimental primates and non-human primate (NHP) models of human diseases in China: current status and progress. Zoological Research, 2014, 35, 447-64.	0.6	43
76	Chromosomal level assembly and population sequencing of the Chinese tree shrew genome. Zoological Research, 2019, 40, 506-521.	2.1	43
77	High penetrance of sequencing errors and interpretative shortcomings in mtDNA sequence analysis of LHON patients. Biochemical and Biophysical Research Communications, 2007, 352, 283-291.	2.1	42
78	Missense Variants in HIF1A and LACC1 Contribute to Leprosy Risk in Han Chinese. American Journal of Human Genetics, 2018, 102, 794-805.	6.2	42
79	To Trust or Not to Trust an Idiosyncratic Mitochondrial Data Set. American Journal of Human Genetics, 2003, 72, 1341-1346.	6.2	41
80	Comparative population genomics reveals genetic basis underlying body size of domestic chickens. Journal of Molecular Cell Biology, 2016, 8, 542-552.	3.3	41
81	Mitochondrial DNA 5178A polymorphism and longevity. Human Genetics, 2002, 111, 462-463.	3.8	40
82	Melatonin alleviates morphine analgesic tolerance in mice by decreasing NLRP3 inflammasome activation. Redox Biology, 2020, 34, 101560.	9.0	39
83	Mitochondrial DNA Haplogroup Background Affects LHON, but Not Suspected LHON, in Chinese Patients. PLoS ONE, 2011, 6, e27750.	2.5	39
84	Mitochondrial DNA haplogroup distribution in Chaoshanese with and without myopia. Molecular Vision, 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. Biochemical and Biophysical Research Communications, 2010, 402, 378-383.	2.1	38
86	Genetic variants of the MRC1 gene and the IFNG gene are associated with leprosy in Han Chinese from Southwest China. Human Genetics, 2012, 131, 1251-1260.	3.8	38
87	The cAMP responsive element-binding (CREB)-1 gene increases risk of major psychiatric disorders. Molecular Psychiatry, 2018, 23, 1957-1967.	7.9	38
88	Evaluating risk loci for schizophrenia distilled from genome-wide association studies in Han Chinese from central China. Molecular Psychiatry, 2013, 18, 638-639.	7.9	37
89	Whole-genome sequencing of monozygotic twins discordant for schizophrenia indicates multiple genetic risk factors for schizophrenia. Journal of Genetics and Genomics, 2017, 44, 295-306.	3.9	36
90	Out of Southern East Asia of the Brown Rat Revealed by Large-Scale Genome Sequencing. Molecular Biology and Evolution, 2018, 35, 149-158.	8.9	36

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91	Common variants on 6q16.2, 12q24.31 and 16p13.3 are associated with major depressive disorder. Neuropsychopharmacology, 2018, 43, 2146-2153.	5.4	36
92	Recent Positive Selection Drives the Expansion of a Schizophrenia Risk Nonsynonymous Variant atSLC39A8in Europeans. Schizophrenia Bulletin, 2016, 42, sbv070.	4.3	35
93	The Gene Encoding Protocadherin 9 (PCDH9), a Novel Risk Factor for Major Depressive Disorder. Neuropsychopharmacology, 2018, 43, 1128-1137.	5.4	35
94	SZDB2.0: an updated comprehensive resource for schizophrenia research. Human Genetics, 2020, 139, 1285-1297.	3.8	35
95	Novel Risk Loci Associated With Genetic Risk for Bipolar Disorder Among Han Chinese Individuals. JAMA Psychiatry, 2021, 78, 320.	11.0	35
96	Upregulation of placental growth factor by vascular endothelial growth factor via a post-transcriptional mechanism. FEBS Letters, 2005, 579, 1227-1234.	2.8	34
97	Inland post-glacial dispersal in East Asia revealed by mitochondrial haplogroup M9a'b. BMC Biology, 2011, 9, 2.	3.8	34
98	Tree shrew database (TreeshrewDB): a genomic knowledge base for the Chinese tree shrew. Scientific Reports, 2014, 4, 7145.	3.3	34
99	Age-dependent accumulation of mtDNA mutations in murine hematopoietic stem cells is modulated by the nuclear genetic background. Human Molecular Genetics, 2007, 16, 286-294.	2.9	33
100	Median network analysis of defectively sequenced entire mitochondrial genomes from early and contemporary disease studies. Journal of Human Genetics, 2009, 54, 174-181.	2.3	32
101	Deciphering the Signature of Selective Constraints on Cancerous Mitochondrial Genome. Molecular Biology and Evolution, 2012, 29, 1255-1261.	8.9	32
102	Identification and association of the single nucleotide polymorphisms in calpain3 (CAPN3) gene with carcass traits in chickens. BMC Genetics, 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. PLoS ONE, 2012, 7, e38848.	2.5	31
104	A homogenous nature of native Chinese duck matrilineal pool. BMC Evolutionary Biology, 2008, 8, 298.	3.2	30
105	PLD3 in Alzheimerâ€™s Disease: a Modest Effect as Revealed by Updated Association and Expression Analyses. Molecular Neurobiology, 2016, 53, 4034-4045.	4.0	30
106	The Arc Gene Confers Genetic Susceptibility to Alzheimerâ€™s Disease in Han Chinese. Molecular Neurobiology, 2018, 55, 1217-1226.	4.0	30
107	Genetic association of the cytochrome c oxidase-related genes with Alzheimerâ€™s disease in Han Chinese. Neuropsychopharmacology, 2018, 43, 2264-2276.	5.4	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. Human Mutation, 2010, 31, n/a-n/a.	2.5	28

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109	Association between MT-CO3 haplotypes and high-altitude adaptation in Tibetan chicken. Gene, 2013, 529, 131-137.	2.2	28
110	A Matrilineal Genetic Legacy from the Last Glacial Maximum Confers Susceptibility to Schizophrenia in Han Chinese. Journal of Genetics and Genomics, 2014, 41, 397-407.	3.9	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. Biochemical and Biophysical Research Communications, 2010, 399, 179-185.	2.1	27
112	Mitochondrial genomes of domestic animals need scrutiny. Molecular Ecology, 2014, 23, 5393-5397.	3.9	27
113	Integrative analyses of major histocompatibility complex loci in the genome-wide association studies of major depressive disorder. Neuropsychopharmacology, 2019, 44, 1552-1561.	5.4	27
114	Mitochondrial genes and schizophrenia. Schizophrenia Research, 2005, 72, 267-269.	2.0	26
115	Genetic Analyses of Alzheimerâ€™s Disease in China: Achievements and Perspectives. ACS Chemical Neuroscience, 2019, 10, 890-901.	3.5	26
116	â€˜Distortedâ€™ mitochondrial DNA sequences in schizophrenic patients. European Journal of Human Genetics, 2007, 15, 400-402.	2.8	25
117	Does the Genetic Feature of the Chinese Tree Shrew (Tupaia belangeri chinensis) Support Its Potential as a Viable Model for Alzheimerâ€™s Disease Research?. Journal of Alzheimer's Disease, 2018, 61, 1015-1028.	2.6	25
118	The depression GWAS risk allele predicts smaller cerebellar gray matter volume and reduced SIRT1 mRNA expression in Chinese population. Translational Psychiatry, 2019, 9, 333.	4.8	25
119	Polymerase chain reaction based C4AQ0 and C4BQ0 genotyping: association with systemic lupus erythematosus in southwest Han Chinese. Annals of the Rheumatic Diseases, 2003, 62, 71-73.	0.9	24
120	Effects of Tai Chi on the Protracted Abstinence Syndrome: A Time Trial Analysis. The American Journal of Chinese Medicine, 2013, 41, 43-57.	3.8	24
121	Identification of SLC25A37 as a major depressive disorder risk gene. Journal of Psychiatric Research, 2016, 83, 168-175.	3.1	24
122	Increased GSNOR Expression during Aging Impairs Cognitive Function and Decreases S-Nitrosation of CaMKIIÎ±. Journal of Neuroscience, 2017, 37, 9741-9758.	3.6	24
123	Rare Genetic Variants of the Transthyretin Gene Are Associated with Alzheimerâ€™s Disease in Han Chinese. Molecular Neurobiology, 2017, 54, 5192-5200.	4.0	24
124	Identification of the primate-specific gene BTN3A2 as an additional schizophrenia risk gene in the MHC loci. EBioMedicine, 2019, 44, 530-541.	6.1	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. Journal of Human Genetics, 2004, 49, 414-423.	2.3	23
126	Mitochondrial DNA Sequence Variation and Haplogroup Distribution in Chinese Patients with LHON and m.14484T>C. PLoS ONE, 2010, 5, e13426.	2.5	23

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127	Co-occurrence of A1555G and G11778A in a Chinese family with high penetrance of Leberâ€™s hereditary optic neuropathy. Biochemical and Biophysical Research Communications, 2008, 376, 221-224.	2.1	22
128	Sequence Characterization of theMC1RGene in Yak (Poephagus grunniens) Breeds with Different Coat Colors. Journal of Biomedicine and Biotechnology, 2009, 2009, 1-6.	3.0	22
129	Molecular characterization of six Chinese families with m.3460G>A and Leber hereditary optic neuropathy. Neurogenetics, 2010, 11, 349-356.	1.4	22
130	Mutation and expression analysis of the IDH1, IDH2, DNMT3A, and MYD88 genes in colorectal cancer. Gene, 2014, 546, 263-270.	2.2	22
131	Identification and characterization of toll-like receptors (TLRs) in the Chinese tree shrew (Tupaia) Tj ETQq1 1 0.784314 rgBT /Overlock	2.3	22
132	Integrative analyses of leprosy susceptibility genes indicate a common autoimmune profile. Journal of Dermatological Science, 2016, 82, 18-27.	1.9	22
133	A novel missense variant in ACAA1 contributes to early-onset Alzheimerâ€™s disease, impairs lysosomal function, and facilitates amyloid-Î² pathology and cognitive decline. Signal Transduction and Targeted Therapy, 2021, 6, 325.	17.1	22
134	Persistence of fetal vasculature in a patient with Knobloch syndrome. Ophthalmology, 2004, 111, 1885-1888.	5.2	21
135	External Contamination in Single Cell mtDNA Analysis. PLoS ONE, 2007, 2, e681.	2.5	21
136	The search of â€˜novelâ€™ mtDNA mutations in hypertrophic cardiomyopathy: MITOMAPping as a risk factor. International Journal of Cardiology, 2008, 126, 439-442.	1.7	21
137	Presence of mutation m.14484T>C in a Chinese family with maternally inherited essential hypertension but no expression of LHON. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 1535-1543.	3.8	21
138	Complement factor H and susceptibility to major depressive disorder in Han Chinese. British Journal of Psychiatry, 2016, 208, 446-452.	2.8	21
139	Neprilysin Confers Genetic Susceptibility to Alzheimerâ€™s Disease in Han Chinese. Molecular Neurobiology, 2016, 53, 4883-4892.	4.0	21
140	Mitochondrial genomes uncover the maternal history of the Pamir populations. European Journal of Human Genetics, 2018, 26, 124-136.	2.8	21
141	Characterization of 12 polymorphic microsatellite markers in the Chinese tree shrew (Tupaia belangeri) Tj ETQq1 1 0.784314 rgBT /Ov	0.6	21
142	No association between the SNPs (rs3749446 and rs1402000) in the PARL gene and LHON in Chinese patients with m.11778G>A. Human Genetics, 2010, 128, 465-468.	3.8	20
143	Accumulation of mtDNA variations in human single CD34+ cells from maternally related individuals: Effects of aging and family genetic background. Stem Cell Research, 2013, 10, 361-370.	0.7	20
144	Mutation and association analyses of dementia-causal genes in Han Chinese patients with early-onset and familial Alzheimer's disease. Journal of Psychiatric Research, 2019, 113, 141-147.	3.1	20

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145	An Alternative Splicing of Tupaia STING Modulated Anti-RNA Virus Responses by Targeting MDA5-LGP2 and IRF3. Journal of Immunology, 2020, 204, 3191-3204.	0.8	20
146	Functional Genomics Identify a Regulatory Risk Variation rs4420550 in the 16p11.2 Schizophrenia-Associated Locus. Biological Psychiatry, 2021, 89, 246-255.	1.3	20
147	The high diversity of SARS-CoV-2-related coronaviruses in pangolins alters potential ecological risks. Zoological Research, 2021, 42, 833-843.	2.1	20
148	The brave new era of human genetic testing. BioEssays, 2008, 30, 1246-1251.	2.5	19
149	Screening the three LHON primary mutations in the general Chinese population by using an optimized multiplex allele-specific PCR. Clinica Chimica Acta, 2010, 411, 1671-1674.	1.1	19
150	Patrilineal Perspective on the Austronesian Diffusion in Mainland Southeast Asia. PLoS ONE, 2012, 7, e36437.	2.5	19
151	Mitochondrial DNA Haplogroup Confers Genetic Susceptibility to Nasopharyngeal Carcinoma in Chaoshanese from Guangdong, China. PLoS ONE, 2014, 9, e87795.	2.5	19
152	Mitochondrial DNA mutations in single human blood cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2015, 779, 68-77.	1.0	19
153	Characterization of a MAVS ortholog from the Chinese tree shrew (Tupaia belangeri chinensis). Developmental and Comparative Immunology, 2015, 52, 58-68.	2.3	19
154	Evolutionary selection on MDA5 and LGP2 in the chicken preserves antiviral competence in the absence of RIG-I. Journal of Genetics and Genomics, 2019, 46, 499-503.	3.9	19
155	Complete mitochondrial DNA genome sequence variation of Chinese families with mutation m.3635G>A and Leber hereditary optic neuropathy. Molecular Vision, 2012, 18, 3087-94.	1.1	19
156	Response to Comment on "Reconstructing the Origin of Andaman Islanders". Science, 2006, 311, 470b-470b.	12.6	18
157	Molecular evolution in the CREB1 signal pathway and a rare haplotype in CREB1 with genetic predisposition to schizophrenia. Journal of Psychiatric Research, 2014, 57, 84-89.	3.1	18
158	A cynomolgus monkey with naturally occurring Parkinson's disease. National Science Review, 2021, 8, nwaa292.	9.5	18
159	Comprehensive annotation of the Chinese tree shrew genome by large-scale RNA sequencing and long-read isoform sequencing. Zoological Research, 2021, 42, 692-709.	2.1	18
160	Rapid identification of mtDNA somatic mutations in gastric cancer tissues based on the mtDNA phylogeny. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2011, 709-710, 15-20.	1.0	17
161	Promoter variant rs2301228 on the neural cell adhesion molecule 1 gene confers risk of schizophrenia in Han Chinese. Schizophrenia Research, 2014, 160, 88-96.	2.0	17
162	A genetic contribution from the Far East into Ashkenazi Jews via the ancient Silk Road. Scientific Reports, 2015, 5, 8377.	3.3	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. Neuropsychopharmacology, 2020, 45, 1196-1206.	5.4	17
164	Diverse Interleukin-7 mRNA Transcripts in Chinese Tree Shrew (Tupaia belangeri chinensis). PLoS ONE, 2014, 9, e99859.	2.5	17
165	Mitochondrial DNA mutation m.3635G>A may be associated with Leber hereditary optic neuropathy in Chinese. Biochemical and Biophysical Research Communications, 2009, 386, 392-395.	2.1	16
166	No association of the LRRK2 genetic variants with Alzheimer's disease in Han Chinese individuals. Neurobiology of Aging, 2014, 35, 444.e5-444.e9.	3.1	16
167	EMPOP-quality mtDNA control region sequences from Kashmiri of Azad Jammu & Kashmir, Pakistan. Forensic Science International: Genetics, 2016, 25, 125-131.	3.1	16
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