Li Jin

List of Publications by Year
in descending order

445 papers	24,939 citations	17440 63 h-index	10734 138 g-index
457 all docs	457 docs citations	457 times ranked	29855 citing authors

#	Article	IF	Citations
1	A second generation human haplotype map of over 3.1 million SNPs. Nature, 2007, 449, 851-861.	27.8	4,137
2	Genome-wide detection and characterization of positive selection in human populations. Nature, 2007, 449, 913-918.	27.8	1,788
3	Y chromosome sequence variation and the history of human populations. Nature Genetics, 2000, 26, 358-361.	21.4	935
4	Detection of Numerous Y Chromosome Biallelic Polymorphisms by Denaturing High-Performance Liquidâ€‰Chromatography. Genome Research, 1997, 7, 996-1005.	5.5	617
5	Mapping Human Genetic Diversity in Asia. Science, 2009, 326, 1541-1545.	12.6	557
6	The trends in incidence of primary liver cancer caused by specific etiologies: Results from the Global Burden of Disease Study 2016 and implications for liver cancer prevention. Journal of Hepatology, 2019, 70, 674-683.	3.7	420
7	Genetic evidence supports demic diffusion of Han culture. Nature, 2004, 431, 302-305.	27.8	398
8	Y-Chromosome Evidence for a Northward Migration of Modern Humans into Eastern Asia during the Last Ice Age. American Journal of Human Genetics, 1999, 65, 1718-1724.	6.2	394
9	Haplotypes vs single marker linkage disequilibrium tests: what do we gain?. European Journal of Human Genetics, 2001, 9, 291-300.	2.8	392
10	Determination of ancestral alleles for human single-nucleotide polymorphisms using high-density oligonucleotide arrays. Nature Genetics, 1999, 22, 164-167.	21.4	361
11	Epigenetic silencing of ZNF132 mediated by methylation-sensitive Sp1 binding promotes cancer progression in esophageal squamous cell carcinoma. Cell Death and Disease, 2019, 10, 1.	6.3	361
12	Non-invasive early detection of cancer four years before conventional diagnosis using a blood test. Nature Communications, 2020, 11, 3475.	12.8	341
13	Genomic Dissection of Population Substructure of Han Chinese and Its Implication in Association Studies. American Journal of Human Genetics, 2009, 85, 762-774.	6.2	338
14	High Polymorphism at the Human Melanocortin 1 Receptor Locus. Genetics, 1999, 151, 1547-1557.	2.9	258
15	The progress of gut microbiome research related to brain disorders. Journal of Neuroinflammation, 2020, 17, 25.	7.2	252
16	Modeling Recent Human Evolution in Mice by Expression of a Selected EDAR Variant. Cell, 2013, 152, 691-702.	28.9	250
17	Y chromosome haplotypes reveal prehistorical migrations to the Himalayas. Human Genetics, 2000, 107, 582-590.	3.8	242
18	TBX6 Null Variants and a Common Hypomorphic Allele in Congenital Scoliosis. New England Journal of Medicine, 2015, 372, 341-350.	27.0	239

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19	Biallelic Mutations in CFAP43 and CFAP44 Cause Male Infertility with Multiple Morphological Abnormalities of the Sperm Flagella. American Journal of Human Genetics, 2017, 100, 854-864.	6.2	220
20	Natives or immigrants: modern human origin in east asia. Nature Reviews Genetics, 2000, 1, 126-133.	16.3	216
21	Genomic insights into the formation of human populations in East Asia. Nature, 2021, 591, 413-419.	27.8	216
22	Ancestral Origins and Genetic History of Tibetan Highlanders. American Journal of Human Genetics, 2016, 99, 580-594.	6.2	208
23	Y-Chromosome Evidence of Southern Origin of the East Asianâ€“Specific Haplogroup O3-M122. American Journal of Human Genetics, 2005, 77, 408-419.	6.2	165
24	Analysis of Genomic Admixture in Uyghur and Its Implication in Mapping Strategy. American Journal of Human Genetics, 2008, 82, 883-894.	6.2	164
25	Mutations in PADI6 Cause Female Infertility Characterized by Early Embryonic Arrest. American Journal of Human Genetics, 2016, 99, 744-752.	6.2	160
26	Analyses of Genetic Structure of Tibeto-Burman Populations Reveals Sex-Biased Admixture in Southern Tibeto-Burmans. American Journal of Human Genetics, 2004, 74, 856-865.	6.2	153
27	Oral Microbiota and Risk for Esophageal Squamous Cell Carcinoma in a High-Risk Area of China. PLoS ONE, 2015, 10, e0143603.	2.5	146
28	Phylogenetic evidence for Sino-Tibetan origin in northern China in the Late Neolithic. Nature, 2019, 569, 112-115.	27.8	139
29	Homozygous Mutations in WEE2 Cause Fertilization Failure and Female Infertility. American Journal of Human Genetics, 2018, 102, 649-657.	6.2	129
30	A Genome-wide Analysis of Admixture in Uyghurs and a High-Density Admixture Map for Disease-Gene Discovery. American Journal of Human Genetics, 2008, 83, 322-336.	6.2	125
31	Blood molecular markers associated with COVIDâ€19 immunopathology and multiâ€organ damage. EMBO Journal, 2020, 39, e105896.	7.8	123
32	Extended Y Chromosome Investigation Suggests Postglacial Migrations of Modern Humans into East Asia via the Northern Route. Molecular Biology and Evolution, 2011, 28, 717-727.	8.9	122
33	Association of the OCA2 Polymorphism His615Arg with Melanin Content in East Asian Populations: Further Evidence of Convergent Evolution of Skin Pigmentation. PLoS Genetics, 2010, 6, e1000867.	3.5	113
34	Bi-allelic DNAH8 Variants Lead to Multiple Morphological Abnormalities of the Sperm Flagella and Primary Male Infertility. American Journal of Human Genetics, 2020, 107, 330-341.	6.2	111
35	Biallelic Mutations in PATL2 Cause Female Infertility Characterized by Oocyte Maturation Arrest. American Journal of Human Genetics, 2017, 101, 609-615.	6.2	108
36	Genetic Structure of Hmong-Mien Speaking Populations in East Asia as Revealed by mtDNA Lineages. Molecular Biology and Evolution, 2005, 22, 725-734.	8.9	105

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37	Bi-allelic Mutations in TTC21A Induce Asthenoteratospermia in Humans and Mice. American Journal of Human Genetics, 2019, 104, 738-748.	6.2	103
38	Global distribution of Y-chromosome haplogroup C reveals the prehistoric migration routes of African exodus and early settlement in East Asia. Journal of Human Genetics, 2010, 55, 428-435.	2.3	102
39	Rationales, design and recruitment of the Taizhou Longitudinal Study. BMC Public Health, 2009, 9, 223.	2.9	101
40	Co-phylog: an assembly-free phylogenomic approach for closely related organisms. Nucleic Acids Research, 2013, 41, e75-e75.	14.5	101
41	A mitochondrial revelation of early human migrations to the Tibetan Plateau before and after the last glacial maximum. American Journal of Physical Anthropology, 2010, 143, 555-569.	2.1	98
42	Mitochondrial DNA diversity and population differentiation in southern East Asia. American Journal of Physical Anthropology, 2007, 134, 481-488.	2.1	96
43	Traffic-Related Air Pollution Contributes to Development of Facial Lentigines: Further Epidemiological Evidence from Caucasians and Asians. Journal of Investigative Dermatology, 2016, 136, 1053-1056.	0.7	94
44	A polymorphism in the promoter region of catalase is associated with blood pressure levels. Human Genetics, 2001, 109, 95-98.	3.8	92
45	Early prediction of mortality risk among patients with severe COVID-19, using machine learning. International Journal of Epidemiology, 2021, 49, 1918-1929.	1.9	92
46	Mutations inTUBB8cause a multiplicity of phenotypes in human oocytes and early embryos. Journal of Medical Genetics, 2016, 53, 662-671.	3.2	91
47	Novel mutations and structural deletions inTUBB8: expanding mutational and phenotypic spectrum of patients with arrest in oocyte maturation, fertilization or early embryonic development. Human Reproduction, 2017, 32, 457-464.	0.9	88
48	X-Linked Congenital Hypertrichosis Syndrome Is Associated with Interchromosomal Insertions Mediated by a Human-Specific Palindrome near SOX3. American Journal of Human Genetics, 2011, 88, 819-826.	6.2	87
49	Mutations in NLRP2 and NLRP5 cause female infertility characterised by early embryonic arrest. Journal of Medical Genetics, 2019, 56, 471-480.	3.2	87
50	Chinaâ€™s tuberculosis epidemic stems from historical expansion of four strains of Mycobacterium tuberculosis. Nature Ecology and Evolution, 2018, 2, 1982-1992.	7.8	83
51	Y Chromosomes of 40% Chinese Descend from Three Neolithic Super-Grandfathers. PLoS ONE, 2014, 9, e105691.	2.5	82
52	MiRNA-320 in the human follicular fluid is associated with embryo quality in vivo and affects mouse embryonic development in vitro. Scientific Reports, 2015, 5, 8689.	3.3	79
53	Global incidence trends in primary liver cancer by age at diagnosis, sex, region, and etiology, 1990â€2017. Cancer, 2020, 126, 2267-2278.	4.1	79
54	Epidemiological evidence that indoor air pollution from cooking with solid fuels accelerates skin aging in Chinese women. Journal of Dermatological Science, 2015, 79, 148-154.	1.9	78

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55	Poor oral health is associated with an increased risk of esophageal squamous cell carcinoma - a population-based case-control study in China. International Journal of Cancer, 2017, 140, 626-635.	5.1	76
56	Advances in single-cell RNA sequencing and its applications in cancer research. Oncotarget, 2017, 8, 53763-53779.	1.8	76
57	Human Migration through Bottlenecks from Southeast Asia into East Asia during Last Glacial Maximum Revealed by Y Chromosomes. PLoS ONE, 2011, 6, e24282.	2.5	75
58	Targeted bisulfite sequencing identified a panel of DNA methylation-based biomarkers for esophageal squamous cell carcinoma (ESCC). Clinical Epigenetics, 2017, 9, 129.	4.1	75
59	An updated tree of Y-chromosome Haplogroup O and revised phylogenetic positions of mutations P164 and PK4. European Journal of Human Genetics, 2011, 19, 1013-1015.	2.8	74
60	Deleterious variants in X-linked CFAP47 induce asthenoteratozoospermia and primary male infertility. American Journal of Human Genetics, 2021, 108, 309-323.	6.2	74
61	Novel mutations in genes encoding subcortical maternal complex proteins may cause human embryonic developmental arrest. Reproductive BioMedicine Online, 2018, 36, 698-704.	2.4	73
62	A pannexin 1 channelopathy causes human oocyte death. Science Translational Medicine, 2019, 11, .	12.4	73
63	<scp>G</scp>enetic variants associated with longer telomere length are associated with increased lung cancer risk among neverâ€smoking women in Asia: a report from the female lung cancer consortium in Asia. International Journal of Cancer, 2015, 137, 311-319.	5.1	72
64	Bi-allelic Loss-of-function Variants in CFAP58 Cause Flagellar Axoneme and Mitochondrial Sheath Defects and Asthenoteratozoospermia in Humans and Mice. American Journal of Human Genetics, 2020, 107, 514-526.	6.2	71
65	Novel homozygousCFAP69mutations in humans and mice cause severe asthenoteratospermia with multiple morphological abnormalities of the sperm flagella. Journal of Medical Genetics, 2019, 56, 96-103.	3.2	70
66	A 3.4-kb Copy-Number Deletion near EPAS1 Is Significantly Enriched in High-Altitude Tibetans but Absent from the Denisovan Sequence. American Journal of Human Genetics, 2015, 97, 54-66.	6.2	69
67	The adaptive variant EDARV370A is associated with straight hair in East Asians. Human Genetics, 2013, 132, 1187-1191.	3.8	68
68	Distribution of three HIV-1 resistance-conferring polymorphisms (SDF1-3â€²A, CCR2-64I, and CCR5-Î”32) in global populations. European Journal of Human Genetics, 2000, 8, 975-979.	2.8	67
69	Differentiated demographic histories and local adaptations between Sherpas and Tibetans. Genome Biology, 2017, 18, 115.	8.8	67
70	Y-chromosome SNP haplotypes suggest evidence of gene flow among caste, tribe, and the migrant Siddi populations of Andhra Pradesh, South India. European Journal of Human Genetics, 2001, 9, 695-700.	2.8	66
71	Interaction between the melanocortin-1 receptor andP genes contributes to inter-individual variation in skin pigmentation phenotypes in a Tibetan population. Human Genetics, 2001, 108, 516-520.	3.8	65
72	Salvianolic Acid B Attenuates Experimental Pulmonary Fibrosis through Inhibition of the TGF-Î²2 Signaling Pathway. Scientific Reports, 2016, 6, 27610.	3.3	65

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73	Neanderthal Introgression at Chromosome 3p21.31 Was Under Positive Natural Selection in East Asians. Molecular Biology and Evolution, 2014, 31, 683-695.	8.9	63
74	Metabolomics in the Development and Progression of Dementia: A Systematic Review. Frontiers in Neuroscience, 2019, 13, 343.	2.8	63
75	The comprehensive mutational and phenotypic spectrum of TUBB8 in female infertility. European Journal of Human Genetics, 2019, 27, 300-307.	2.8	63
76	Predictive model for inflammation grades of chronic hepatitis B: Largeâ€scale analysis of clinical parameters and gene expressions. Liver International, 2017, 37, 1632-1641.	3.9	62
77	Bi-allelic Mutations in TTC29 Cause Male Subfertility with Asthenoteratospermia in Humans and Mice. American Journal of Human Genetics, 2019, 105, 1168-1181.	6.2	62
78	TBX6-associated congenital scoliosis (TACS) as a clinically distinguishable subtype of congenital scoliosis: further evidence supporting the compound inheritance and TBX6 gene dosage model. Genetics in Medicine, 2019, 21, 1548-1558.	2.4	60
79	Pri-miR-124 rs531564 and pri-miR-34b/c rs4938723 Polymorphisms Are Associated with Decreased Risk of Esophageal Squamous Cell Carcinoma in Chinese Populations. PLoS ONE, 2014, 9, e100055.	2.5	59
80	Identification and validation of the methylation biomarkers of non-small cell lung cancer (NSCLC). Clinical Epigenetics, 2015, 7, 3.	4.1	59
81	Smoking and alcohol drinking in relation to the risk of esophageal squamous cell carcinoma: A population-based case-control study in China. Scientific Reports, 2017, 7, 17249.	3.3	59
82	Novel genetic loci affecting facial shape variation in humans. ELife, 2019, 8, .	6.0	58
83	Genome-Wide DNA Methylation Profiles Reveal Common Epigenetic Patterns of Interferon-Related Genes in Multiple Autoimmune Diseases. Frontiers in Genetics, 2019, 10, 223.	2.3	57
84	Homozygous mutations inSPEF2induce multiple morphological abnormalities of the sperm flagella and male infertility. Journal of Medical Genetics, 2020, 57, 31-37.	3.2	57
85	Homozygous mutations in DZIP1 can induce asthenoteratospermia with severe MMAF. Journal of Medical Genetics, 2020, 57, 445-453.	3.2	57
86	Multiple origins of Tibetan Y chromosomes. Human Genetics, 2000, 106, 453-454.	3.8	56
87	Rare variants in FANCA induce premature ovarian insufficiency. Human Genetics, 2019, 138, 1227-1236.	3.8	56
88	Biallelic mutations of CFAP251 cause sperm flagellar defects and human male infertility. Journal of Human Genetics, 2019, 64, 49-54.	2.3	56
89	Clinical and serological features of systemic sclerosis in a Chinese cohort. Clinical Rheumatology, 2013, 32, 617-621.	2.2	55
90	Genome-Wide DNA Methylation Analysis in Systemic Sclerosis Reveals Hypomethylation of IFN-Associated Genes in CD4+ and CD8+ T Cells. Journal of Investigative Dermatology, 2018, 138, 1069-1077.	0.7	55

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91	Biallelic mutations inCFAP65cause male infertility with multiple morphological abnormalities of the sperm flagella in humans and mice. Journal of Medical Genetics, 2020, 57, 89-95.	3.2	55
92	Pinghua population as an exception of Han Chineseâ€™s coherent genetic structure. Journal of Human Genetics, 2008, 53, 303-313.	2.3	54
93	Family history of esophageal cancer increases the risk of esophageal squamous cell carcinoma. Scientific Reports, 2015, 5, 16038.	3.3	53
94	mtDNA Lineage Expansions in Sherpa Population Suggest Adaptive Evolution in Tibetan Highlands. Molecular Biology and Evolution, 2013, 30, 2579-2587.	8.9	52
95	Whole Exome Sequencing Identifies Frequent Somatic Mutations in Cell-Cell Adhesion Genes in Chinese Patients with Lung Squamous Cell Carcinoma. Scientific Reports, 2015, 5, 14237.	3.3	51
96	Ancient DNA Reveals That the Genetic Structure of the Northern Han Chinese Was Shaped Prior to 3,000 Years Ago. PLoS ONE, 2015, 10, e0125676.	2.5	51
97	Association between GWAS-identified lung adenocarcinoma susceptibility loci andEGFRmutations in never-smoking Asian women, and comparison with findings from Western populations. Human Molecular Genetics, 2016, 26, ddw414.	2.9	50
98	Meta-analysis of genome-wide association studies identifies multiple lung cancer susceptibility loci in never-smoking Asian women. Human Molecular Genetics, 2016, 25, 620-629.	2.9	50
99	Ancient DNA and multimethod dating confirm the late arrival of anatomically modern humans in southern China. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	49
100	Associations of PI3KR1 and mTOR Polymorphisms with Esophageal Squamous Cell Carcinoma Risk and Gene-Environment Interactions in Eastern Chinese Populations. Scientific Reports, 2015, 5, 8250.	3.3	48
101	Threshold for neural tube defect risk by accumulated singleton loss-of-function variants. Cell Research, 2018, 28, 1039-1041.	12.0	48
102	Histone H3K27 methyltransferase EZH2 and demethylase JMJD3 regulate hepatic stellate cells activation and liver fibrosis. Theranostics, 2021, 11, 361-378.	10.0	48
103	The Health Impact of MAFLD, a Novel Disease Cluster of NAFLD, Is Amplified by the Integrated Effect of Fatty Liver Diseaseâ€“Related Genetic Variants. Clinical Gastroenterology and Hepatology, 2022, 20, e855-e875.	4.4	48
104	Maternal inheritance of glucose intolerance via oocyte TET3 insufficiency. Nature, 2022, 605, 761-766.	27.8	48
105	Ancient DNA evidence supports the contribution of Diâ€Qiang people to the han Chinese gene pool. American Journal of Physical Anthropology, 2011, 144, 258-268.	2.1	47
106	Genetic evidence for an East Asian origin of Chinese Muslim populations Dongxiang and Hui. Scientific Reports, 2016, 6, 38656.	3.3	46
107	Reconstruction of Y-chromosome phylogeny reveals two neolithic expansions of Tibeto-Burman populations. Molecular Genetics and Genomics, 2018, 293, 1293-1300.	2.1	46
108	TBX6 compound inheritance leads to congenital vertebral malformations in humans and mice. Human Molecular Genetics, 2019, 28, 539-547.	2.9	46

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109	Association of Mitochondrial DNA Haplogroups with Exceptional Longevity in a Chinese Population. PLoS ONE, 2009, 4, e6423.	2.5	45
110	PreMedKB: an integrated precision medicine knowledgebase for interpreting relationships between diseases, genes, variants and drugs. Nucleic Acids Research, 2019, 47, D1090-D1101.	14.5	45
111	A Map of Copy Number Variations in Chinese Populations. PLoS ONE, 2011, 6, e27341.	2.5	44
112	Global trend of aetiology-based primary liver cancer incidence from 1990 to 2030: a modelling study. International Journal of Epidemiology, 2021, 50, 128-142.	1.9	44
113	Extrinsic skin ageing in German, Chinese and Japanese women manifests differently in all three groups depending on ethnic background, age and anatomical site. Journal of Dermatological Science, 2016, 83, 219-225.	1.9	43
114	Serum miRNAs as predictive and preventive biomarker for pre-clinical hepatocellular carcinoma. Cancer Letters, 2016, 373, 234-240.	7.2	43
115	Biallelic mutations in CDC20 cause female infertility characterized by abnormalities in oocyte maturation and early embryonic development. Protein and Cell, 2020, 11, 921-927.	11.0	43
116	Cohort profile: The Rugao Longevity and Ageing Study (RuLAS). International Journal of Epidemiology, 2016, 45, 1064-1073.	1.9	42
117	Effects of multiple genetic loci on the pathogenesis from serum urate to gout. Scientific Reports, 2017, 7, 43614.	3.3	42
118	Indoor PM2.5 exposure affects skin aging manifestation in a Chinese population. Scientific Reports, 2017, 7, 15329.	3.3	42
119	Histone H3K9 demethylase JMJD1A modulates hepatic stellate cells activation and liver fibrosis by epigenetically regulating peroxisome proliferatorâ€activated receptor Î³. FASEB Journal, 2015, 29, 1830-1841.	0.5	41
120	Forecasting and Evaluating Multiple Interventions for COVID-19 Worldwide. Frontiers in Artificial Intelligence, 2020, 3, 41.	3.4	41
121	Genetic Structure of Qiangic Populations Residing in the Western Sichuan Corridor. PLoS ONE, 2014, 9, e103772.	2.5	39
122	A panel of ancestry informative markers to estimate and correct potential effects of population stratification in Han Chinese. European Journal of Human Genetics, 2014, 22, 248-253.	2.8	39
123	Genetic variants in miR-196a2 and miR-499 are associated with susceptibility to esophageal squamous cell carcinoma in Chinese Han population. Tumor Biology, 2016, 37, 4777-4784.	1.8	39
124	Variation and signatures of selection on the human face. Journal of Human Evolution, 2014, 75, 143-152.	2.6	38
125	Agreement between the frailty index and phenotype and their associations with falls and overnight hospitalizations. Archives of Gerontology and Geriatrics, 2016, 66, 161-165.	3.0	38
126	Towards broadening Forensic DNA Phenotyping beyond pigmentation: Improving the prediction of head hair shape from DNA. Forensic Science International: Genetics, 2018, 37, 241-251.	3.1	38

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127	Genome-wide variants of Eurasian facial shape differentiation and a prospective model of DNA based face prediction. Journal of Genetics and Genomics, 2018, 45, 419-432.	3.9	38
128	Changing trends in the disease burden of primary liver cancer caused by specific etiologies in China. Cancer Medicine, 2019, 8, 5787-5799.	2.8	38
129	Alcohol Intake Interacts with Functional Genetic Polymorphisms of Aldehyde Dehydrogenase (ALDH2) and Alcohol Dehydrogenase (ADH) to Increase Esophageal Squamous Cell Cancer Risk. Journal of Thoracic Oncology, 2019, 14, 712-725.	1.1	37
130	Shared Causal Paths underlying Alzheimerâ€™s dementia and Type 2 Diabetes. Scientific Reports, 2020, 10, 4107.	3.3	37
131	C-reactive protein, frailty and overnight hospital admission in elderly individuals: A population-based study. Archives of Gerontology and Geriatrics, 2016, 64, 1-5.	3.0	36
132	Identification novel mutations in TUBB8 in female infertility and a novel phenotype of large polar body in oocytes with TUBB8 mutations. Journal of Assisted Reproduction and Genetics, 2020, 37, 1837-1847.	2.5	36
133	Association of HLA-DPB1 with Scleroderma and Its Clinical Features in Chinese Population. PLoS ONE, 2014, 9, e87363.	2.5	35
134	Association of TSR1 Variants and Spontaneous Coronary Artery Dissection. Journal of the American College of Cardiology, 2019, 74, 167-176.	2.8	35
135	Haplotype-Sharing Analysis Showing Uyghurs Are Unlikely Genetic Donors. Molecular Biology and Evolution, 2009, 26, 2197-2206.	8.9	34
136	Association of polymorphisms in four bilirubin metabolism genes with serum bilirubin in three Asian populations. Human Mutation, 2009, 30, 609-615.	2.5	34
137	Common variants of four bilirubin metabolism genes and their association with serum bilirubin and coronary artery disease in Chinese Han population. Pharmacogenetics and Genomics, 2009, 19, 310-318.	1.5	34
138	miR-449b rs10061133 and miR-4293 rs12220909 polymorphisms are associated with decreased esophageal squamous cell carcinoma in a Chinese population. Tumor Biology, 2015, 36, 8789-8795.	1.8	34
139	DHX15 is associated with poor prognosis in acute myeloid leukemia (AML) and regulates cell apoptosis via the NF-kB signaling pathway. Oncotarget, 2017, 8, 89643-89654.	1.8	34
140	Metabolic dysfunctionâ€“associated fatty liver disease and the risk of 24 specific cancers. Metabolism: Clinical and Experimental, 2022, 127, 154955.	3.4	34
141	Genetic analysis of 17 Y-STR loci from 1019 individuals of six Han populations in East China. Forensic Science International: Genetics, 2016, 20, 101-102.	3.1	33
142	Efficient test for nonlinear dependence of two continuous variables. BMC Bioinformatics, 2015, 16, 260.	2.6	32
143	Whole-sequence analysis indicates that the Y chromosome C2*-Star Cluster traces back to ordinary Mongols, rather than Genghis Khan. European Journal of Human Genetics, 2018, 26, 230-237.	2.8	32
144	A cell-type deconvolution meta-analysis of whole blood EWAS reveals lineage-specific smoking-associated DNA methylation changes. Nature Communications, 2020, 11, 4779.	12.8	32

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145	Genetic variants reducing MTR gene expression increase the risk of congenital heart disease in Han Chinese populations. European Heart Journal, 2014, 35, 733-742.	2.2	31
146	Two functional loci in the promoter of EPAS1 gene involved in high-altitude adaptation of Tibetans. Scientific Reports, 2014, 4, 7465.	3.3	31
147	Polymorphisms in the <scp>AKT</scp>1 and <scp>AKT</scp>2 genes and oesophageal squamous cell carcinoma risk in an Eastern Chinese population. Journal of Cellular and Molecular Medicine, 2016, 20, 666-677.	3.6	31
148	Increased expression of latent TGF-Î²-binding protein 4 affects the fibrotic process in scleroderma by TGF-Î²/SMAD signaling. Laboratory Investigation, 2017, 97, 591-601.	3.7	31
149	Homozygous loss-of-function mutations in FSIP2 cause male infertility with asthenoteratospermia. Journal of Genetics and Genomics, 2019, 46, 53-56.	3.9	31
150	Neanderthal Origin of the Haplotypes Carrying the Functional Variant Val92Met in the MC1R in Modern Humans. Molecular Biology and Evolution, 2014, 31, 1994-2003.	8.9	30
151	Quantitative Methylation Level of the EPHX1 Promoter in Peripheral Blood DNA Is Associated with Polycystic Ovary Syndrome. PLoS ONE, 2014, 9, e88013.	2.5	30
152	Limb development genes underlie variation in human fingerprint patterns. Cell, 2022, 185, 95-112.e18.	28.9	30
153	Late Neolithic expansion of ancient Chinese revealed by Y chromosome haplogroup O3a1câ€002611. Journal of Systematics and Evolution, 2013, 51, 280-286.	3.1	29
154	Association of the HLA-DRB1 with Scleroderma in Chinese Population. PLoS ONE, 2014, 9, e106939.	2.5	29
155	Association between <scp>ABCG</scp>2 Q141K polymorphism and gout risk affected by ethnicity and gender: a systematic review and metaâ€analysis. International Journal of Rheumatic Diseases, 2015, 18, 382-391.	1.9	29
156	Multiethnic GWAS Reveals Polygenic Architecture of Earlobe Attachment. American Journal of Human Genetics, 2017, 101, 913-924.	6.2	29
157	Hypoxicâ€stabilized EPAS1 proteins transactivate DNMT1 and cause promoter hypermethylation and transcription inhibition of EPAS1 in nonâ€small cell lung cancer. FASEB Journal, 2018, 32, 6694-6705.	0.5	29
158	Evaluating the Y chromosomal timescale in human demographic and lineage dating. Investigative Genetics, 2014, 5, 12.	3.3	28
159	A genetic variant of the NTCP gene is associated with HBV infection status in a Chinese population. BMC Cancer, 2016, 16, 211.	2.6	28
160	Salvianolic acid B attenuates experimental pulmonary inflammation by protecting endothelial cells against oxidative stress injury. European Journal of Pharmacology, 2018, 840, 9-19.	3.5	28
161	Total Cerebral Small Vessel Disease Burden Is Related to Worse Performance on the Mini-Mental State Examination and Incident Dementia: A Prospective 5-Year Follow-Up. Journal of Alzheimer's Disease, 2019, 69, 253-262.	2.6	28
162	FBXO43 variants in patients with female infertility characterized by early embryonic arrest. Human Reproduction, 2021, 36, 2392-2402.	0.9	28

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163	Diversification of the ADH1B Gene during Expansion of Modern Humans. Annals of Human Genetics, 2011, 75, 497-507.	0.8	27
164	Quantitative assessment of the diagnostic role of APC promoter methylation in non-small cell lung cancer. Clinical Epigenetics, 2014, 6, 5.	4.1	27
165	Genome-wide scans reveal variants at EDAR predominantly affecting hair straightness in Han Chinese and Uyghur populations. Human Genetics, 2016, 135, 1279-1286.	3.8	27
166	Population genetic analysis of the GlobalFiler STR loci in 748 individuals from the Kazakh population of Xinjiang in northwest China. International Journal of Legal Medicine, 2016, 130, 1187-1189.	2.2	27
167	Treatment effects of the traditional Chinese medicine Shenks in bleomycin-induced lung fibrosis through regulation of TGF-beta/Smad3 signaling and oxidative stress. Scientific Reports, 2017, 7, 2252.	3.3	27
168	Opposite effects of cannabinoid CB₁ and CB₂ receptors on antipsychotic clozapineâ€induced cardiotoxicity. British Journal of Pharmacology, 2019, 176, 890-905.	5.4	27
169	Whole-exome sequencing reveals SALL4 variants in premature ovarian insufficiency: an update on genotypeâ€“phenotype correlations. Human Genetics, 2019, 138, 83-92.	3.8	27
170	Association of UGT1A1 Variants and Hyperbilirubinemia in Breast-Fed Full-Term Chinese Infants. PLoS ONE, 2014, 9, e104251.	2.5	27
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