

Zheng Wang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

119 papers	1,294 citations	20 h-index	29 g-index
128 ext. papers	1,893 ext. citations	3.8 avg, IF	4.82 L-index

#	Paper	IF	Citations
119	High-strength and Injectable Supramolecular Hydrogel Self-Assembled by Monomeric Nucleoside for Tooth Extraction Wound Healing.. <i>Advanced Materials</i> , 2022 , e2108300	24	8
118	Intermittent fasting enhances hippocampal NPY expression to promote neurogenesis after traumatic brain injury.. <i>Nutrition</i> , 2022 , 97, 111621	4.8	0
117	Genomic history and forensic characteristics of Sherpa highlanders on the Tibetan Plateau inferred from high-resolution InDel panel and genome-wide SNPs. <i>Forensic Science International: Genetics</i> , 2022 , 56, 102633	4.3	0
116	High-Strength and Injectable Supramolecular Hydrogel Self-Assembled by Monomeric Nucleoside for Tooth-Extraction Wound Healing (Adv. Mater. 13/2022). <i>Advanced Materials</i> , 2022 , 34, 2270102	24	0
115	Screening and selection of 21 novel microhaplotype markers for ancestry inference in ten Chinese subpopulations.. <i>Forensic Science International: Genetics</i> , 2022 , 58, 102687	4.3	2
114	A collaborative exercise on DNA methylation-based age prediction and body fluid typing.. <i>Forensic Science International: Genetics</i> , 2021 , 57, 102656	4.3	1
113	RANKL inhibition halts lesion progression and promotes bone remineralization in mice with fibrous dysplasia.. <i>Bone</i> , 2021 , 156, 116301	4.7	0
112	Forensic nanopore sequencing of microhaplotype markers using QitanTech® QNome.. <i>Forensic Science International: Genetics</i> , 2021 , 57, 102657	4.3	1
111	Risk Factors Associated With Abnormal Urinalysis in Children. <i>Frontiers in Pediatrics</i> , 2021 , 9, 649068	3.4	
110	New insights into the fine-scale history of western-eastern admixture of the northwestern Chinese population in the Hexi Corridor via genome-wide genetic legacy. <i>Molecular Genetics and Genomics</i> , 2021 , 296, 631-651	3.1	12
109	Massively parallel sequencing of 165 ancestry-informative SNPs and forensic biogeographical ancestry inference in three southern Chinese Sinitic/Tai-Kadai populations. <i>Forensic Science International: Genetics</i> , 2021 , 52, 102475	4.3	6
108	Synonymous point mutation of gtfB gene caused by therapeutic X-rays exposure reduced the biofilm formation and cariogenic abilities of Streptococcus mutans. <i>Cell and Bioscience</i> , 2021 , 11, 91	9.8	0
107	Molecular genetic survey and forensic characterization of Chinese Mongolians via the 47 autosomal insertion/deletion marker. <i>Genomics</i> , 2021 , 113, 2199-2210	4.3	7
106	Fine-scale genetic structure of Tujia and central Han Chinese revealing massive genetic admixture under language borrowing. <i>Journal of Systematics and Evolution</i> , 2021 , 59, 1-20	2.9	9
105	Profiling the differences of gut microbial structure between schizophrenia patients with and without violent behaviors based on 16S rRNA gene sequencing. <i>International Journal of Legal Medicine</i> , 2021 , 135, 131-141	3.1	8
104	Fine-scale north-to-south genetic admixture profile in Shaanxi Han Chinese revealed by genome-wide demographic history reconstruction. <i>Journal of Systematics and Evolution</i> , 2021 ,	2.9	9
103	Combined Low-/High-Density Modern and Ancient Genome-Wide Data Document Genomic Admixture History of High-Altitude East Asians. <i>Frontiers in Genetics</i> , 2021 , 12, 582357	4.5	5

102	Fine-Scale Genetic Structure and Natural Selection Signatures of Southwestern Hans Inferred From Patterns of Genome-Wide Allele, Haplotype, and Haplogroup Lineages. <i>Frontiers in Genetics</i> , 2021 , 12, 727821	4.5	5
101	Colonic J-pouch versus side-to-end anastomosis for rectal cancer: a systematic review and meta-analysis of randomized controlled trials. <i>BMC Surgery</i> , 2021 , 21, 331	2.3	2
100	Genetic insights into the paternal admixture history of Chinese Mongolians via high-resolution customized Y-SNP SNaPshot panels. <i>Forensic Science International: Genetics</i> , 2021 , 54, 102565	4.3	5
99	Peopling History of the Tibetan Plateau and Multiple Waves of Admixture of Tibetans Inferred From Both Ancient and Modern Genome-Wide Data. <i>Frontiers in Genetics</i> , 2021 , 12, 725243	4.5	4
98	Exploitation of a novel slowly mutating Y-STRs set and evaluation of slowly mutating Y-STRs plus Y-SNPs typing strategy in forensic genetics and evolutionary research. <i>Electrophoresis</i> , 2021 , 42, 774-785 ^{3.6}		2
97	Orthodontic maximum anchorages in malocclusion treatment: A systematic review and network meta-analysis.. <i>Journal of Evidence-Based Medicine</i> , 2021 , 14, 295-302	6.1	0
96	Genetic variation and population structure analysis of Chinese Wuzhong Hui population using 30 Indels. <i>Annals of Human Biology</i> , 2020 , 47, 300-303	1.7	3
95	Bioinformatic analysis reveals that the OAS family may play an important role in lupus nephritis. <i>Journal of the National Medical Association</i> , 2020 , 112, 567-577	2.3	4
94	Does Bonferroni correction "rescue" the deviation from Hardy-Weinberg equilibrium?. <i>Forensic Science International: Genetics</i> , 2020 , 46, 102254	4.3	6
93	Genetic diversity and phylogenetic structure of four Tibeto-Burman-speaking populations in Tibetan-Yi corridor revealed by insertion/deletion polymorphisms. <i>Molecular Genetics & Genomic Medicine</i> , 2020 , 8, e1140	2.3	7
92	Inferring the population history of Tai-Kadai-speaking people and southernmost Han Chinese on Hainan Island by genome-wide array genotyping. <i>European Journal of Human Genetics</i> , 2020 , 28, 1111-1123 ^{5.3}		23
91	Characterization of sequence variation at 30 autosomal STRs in Chinese Han and Tibetan populations. <i>Electrophoresis</i> , 2020 , 41, 194-201	3.6	8
90	Population genetics, diversity, forensic characteristics of four Chinese populations inferred from X-chromosomal short tandem repeats. <i>Legal Medicine</i> , 2020 , 43, 101677	1.9	4
89	Revisiting the genetic background and phylogenetic structure of five Sino-Tibetan-speaking populations: insights from autosomal InDels. <i>Molecular Genetics and Genomics</i> , 2020 , 295, 969-979	3.1	6
88	Massively parallel sequencing of mitogenome sequences reveals the forensic features and maternal diversity of tai-kadai-speaking hlai islanders. <i>Forensic Science International: Genetics</i> , 2020 , 47, 102303	4.3	8
87	Transcriptome sequencing of circular RNA reveals a novel circular RNA-has_circ_0114427 in the regulation of inflammation in acute kidney injury. <i>Clinical Science</i> , 2020 , 134, 139-154	6.5	20
86	Methylation-Based Age Prediction Using Pyrosequencing Platform from Seminal Stains in Han Chinese Males. <i>Journal of Forensic Sciences</i> , 2020 , 65, 610-619	1.8	4
85	Whole mitochondrial genome analysis of highland Tibetan ethnicity using massively parallel sequencing. <i>Forensic Science International: Genetics</i> , 2020 , 44, 102197	4.3	10

84	Forensic features, genetic diversity and structure analysis of three Chinese populations using 47 autosomal InDels. <i>Forensic Science International: Genetics</i> , 2020 , 45, 102227	4.3	14
83	Population genetics and forensic efficiency of 30 InDel markers in four Chinese ethnic groups residing in Sichuan. <i>Forensic Sciences Research</i> , 2020 , 1-5	3.6	1
82	Expression profile analysis and stability evaluation of 18 small RNAs in the Chinese Han population. <i>Electrophoresis</i> , 2020 , 41, 2021-2028	3.6	0
81	Intrinsic Contributions of 2'-OH to the Hydration of Nucleosides at the Monomeric Level. <i>Chemistry - A European Journal</i> , 2020 , 26, 17046-17055	4.8	2
80	Genetic structure and forensic characteristics of Tibeto-Burman-speaking Lisang and Kham Tibetan Highlanders revealed by 27 Y-chromosomal STRs. <i>Scientific Reports</i> , 2019 , 9, 7739	4.9	12
79	Tai-Kadai-speaking Gelao population: Forensic features, genetic diversity and population structure. <i>Forensic Science International: Genetics</i> , 2019 , 40, e231-e239	4.3	15
78	Genetic polymorphism and phylogenetic differentiation of the Huaxia Platinum System in three Chinese minority ethnicities. <i>Scientific Reports</i> , 2019 , 9, 3371	4.9	8
77	Genetic substructure and forensic characteristics of Chinese Hui populations using 157 Y-SNPs and 27 Y-STRs. <i>Forensic Science International: Genetics</i> , 2019 , 41, 11-18	4.3	33
76	Genetic structure and forensic parameters of 30 InDels for human identification purposes in 10 Tibetan populations of China. <i>Forensic Science International: Genetics</i> , 2019 , 40, e219-e227	4.3	10
75	Integrated bioinformatics analysis reveals novel hub genes closely associated with pathological mechanisms of immunoglobulin A nephropathy. <i>Experimental and Therapeutic Medicine</i> , 2019 , 18, 1235-1245	2.1	2
74	Expression profile analysis of piwi-interacting RNA in forensically relevant biological fluids. <i>Forensic Science International: Genetics</i> , 2019 , 42, 171-180	4.3	9
73	Forensic characteristics and genetic analysis of both 27 Y-STRs and 143 Y-SNPs in Eastern Han Chinese population. <i>Forensic Science International: Genetics</i> , 2019 , 42, e13-e20	4.3	36
72	Mutation rates of six Y-chromosomal STR loci estimated from 210 pedigrees in Chinese Han population. <i>Forensic Science International: Genetics Supplement Series</i> , 2019 , 7, 480-481	0.5	
71	Exploring of rare differences in mtGenomes between MZ twins using massively parallel sequencing. <i>Forensic Science International: Genetics Supplement Series</i> , 2019 , 7, 70-72	0.5	0
70	Forensic features and genetic structure at insertion/deletion polymorphisms of Chinese Han with other 31 Chinese ethnic groups. <i>Forensic Science International: Genetics Supplement Series</i> , 2019 , 7, 655-657	0.5	0.5
69	Validating the consistency of cSNPs analysis results between DNA and RNA using SNaPshot method. <i>Forensic Science International: Genetics Supplement Series</i> , 2019 , 7, 76-78	0.5	3
68	Forensic characteristics of Tibeto-Burman-speaking Tibetans revealed by 50 InDels. <i>Forensic Science International: Genetics Supplement Series</i> , 2019 , 7, 758-759	0.5	1
67	Applying machine learning algorithms to a real forensic case to predict Y-SNP haplogroup based on Y-STR haplotype. <i>Forensic Science International: Genetics Supplement Series</i> , 2019 , 7, 637-638	0.5	3

66	Genetic polymorphism of 30 autosomal InDel loci in Chinese Hainan Li population. <i>Forensic Science International: Genetics Supplement Series</i> , 2019 , 7, 107-108	0.5	0
65	Genetic diversity and phylogenetic analysis of Chinese Han and Li ethnic populations from Hainan Island by 30 autosomal insertion/deletion polymorphisms. <i>Forensic Sciences Research</i> , 2019 , 1-7	3.6	7
64	Sequence characterization of microvariant alleles at DYS627 and DYS458. <i>Forensic Science International: Genetics Supplement Series</i> , 2019 , 7, 109-111	0.5	1
63	Revisiting the matrilineal lineages and hypoxic adaptation of highland Tibetans. <i>Forensic Science International: Genetics Supplement Series</i> , 2019 , 7, 73-75	0.5	
62	Evaluation of nutritional status and prognostic impact assessed by the prognostic nutritional index in children with chronic kidney disease. <i>Medicine (United States)</i> , 2019 , 98, e16713	1.8	11
61	Allele frequencies of 15 autosomal STRs in Chinese Nakhi and Yi populations. <i>International Journal of Legal Medicine</i> , 2019 , 133, 105-108	3.1	3
60	The potential use of Piwi-interacting RNA biomarkers in forensic body fluid identification: A proof-of-principle study. <i>Forensic Science International: Genetics</i> , 2019 , 39, 129-135	4.3	16
59	Developmental validation of a custom panel including 165 Y-SNPs for Chinese Y-chromosomal haplogroups dissection using the ion S5 XL system. <i>Forensic Science International: Genetics</i> , 2019 , 38, 70-76	4.3	10
58	Bioinformatic Analysis Reveals Novel Immune-Associated Hub Genes in Human Membranous Nephropathy. <i>Genetic Testing and Molecular Biomarkers</i> , 2019 , 23, 23-31	1.6	3
57	Forensic characteristics and phylogenetic analysis of both Y-STR and Y-SNP in the Li and Han ethnic groups from Hainan Island of China. <i>Forensic Science International: Genetics</i> , 2019 , 39, e14-e20	4.3	31
56	Bioinformatic analysis reveals novel hub genes and pathways associated with hypertensive nephropathy. <i>Nephrology</i> , 2019 , 24, 1103-1114	2.2	4
55	Massively parallel sequencing of 165 ancestry informative SNPs in two Chinese Tibetan-Burmese minority ethnicities. <i>Forensic Science International: Genetics</i> , 2018 , 34, 141-147	4.3	24
54	Genetic diversity and phylogenetic characteristics of Chinese Tibetan and Yi minority ethnic groups revealed by non-CODIS STR markers. <i>Scientific Reports</i> , 2018 , 8, 5895	4.9	15
53	Genetic characteristics and phylogenetic analysis of three Chinese ethnic groups using the Huaxia Platinum System. <i>Scientific Reports</i> , 2018 , 8, 2429	4.9	20
52	Genetic variation and forensic characterization of highland Tibetan ethnicity revealed by autosomal STR markers. <i>International Journal of Legal Medicine</i> , 2018 , 132, 1097-1102	3.1	10
51	Forensic features and phylogenetic analyses of Sichuan Han population via 23 autosomal STR loci included in the Huaxia Platinum System. <i>International Journal of Legal Medicine</i> , 2018 , 132, 1079-1082	3.1	33
50	Genetic variations and forensic characteristics of Han Chinese population residing in the Pearl River Delta revealed by 23 autosomal STRs. <i>Molecular Biology Reports</i> , 2018 , 45, 1125-1133	2.8	14
49	Forensic ancestry analysis in two Chinese minority populations using massively parallel sequencing of 165 ancestry-informative SNPs. <i>Electrophoresis</i> , 2018 , 39, 2732-2742	3.6	34

48	Population Genetic Diversity and Phylogenetic Characteristics for High-Altitude Adaptive Kham Tibetan Revealed by DNATyper 19 Amplification System. <i>Frontiers in Genetics</i> , 2018 , 9, 630	4.5	12
47	Application of a New Established System for Toxic Doses in Children With 4-Hydroxycoumarin Rodenticide Intoxication. <i>Frontiers in Pediatrics</i> , 2018 , 6, 141	3.4	2
46	Evaluation of Split Renal Function for Children with Kidney Diseases by Renal and Vascular Color Ultrasonography. <i>Ultrasound in Medicine and Biology</i> , 2018 , 44, 2602-2608	3.5	1
45	Massively parallel sequencing of 124 SNPs included in the precision ID identity panel in three East Asian minority ethnicities. <i>Forensic Science International: Genetics</i> , 2018 , 35, 141-148	4.3	13
44	Forensic characteristics and phylogenetic analysis of Hubei Han population in central China using 17 Y-STR loci. <i>Forensic Science International: Genetics</i> , 2017 , 29, e4-e8	4.3	9
43	Genetic Diversity and Phylogenetic Differentiation of Southwestern Chinese Han: a comprehensive and comparative analysis on 21 non-CODIS STRs. <i>Scientific Reports</i> , 2017 , 7, 13730	4.9	14
42	Forensic characteristics and phylogenetic analysis of two Han populations from the southern coastal regions of China using 27 Y-STR loci. <i>Forensic Science International: Genetics</i> , 2017 , 31, e17-e23	4.3	33
41	Next-generation sequencing of 74 Y-SNPs to construct a concise consensus phylogeny tree for Chinese population. <i>Forensic Science International: Genetics Supplement Series</i> , 2017 , 6, e96-e98	0.5	2
40	Genome-wide copy number variation analysis in monozygotic twins. <i>Forensic Science International: Genetics Supplement Series</i> , 2017 , 6, e218-e220	0.5	
39	Low molecular weight heparin may benefit nephrotic remission in steroid-sensitive nephrotic syndrome via inhibiting elastase. <i>Molecular Medicine Reports</i> , 2017 , 16, 8613-8618	2.9	1
38	Exploring of microRNA markers for semen stains using massively parallel sequencing. <i>Forensic Science International: Genetics Supplement Series</i> , 2017 , 6, e107-e109	0.5	6
37	Massively parallel sequencing of 32 forensic markers using the Precision ID GlobalFiler [®] STR Panel and the Ion PGM [®] System. <i>Forensic Science International: Genetics</i> , 2017 , 31, 126-134	4.3	41
36	Chinese population genetic substructure using 23 Y-chromosomal STRs. <i>Forensic Science International: Genetics Supplement Series</i> , 2017 , 6, e110-e111	0.5	5
35	Next Generation Sequencing Plus (NGS+) with Y-chromosomal Markers for Forensic Pedigree Searches. <i>Scientific Reports</i> , 2017 , 7, 11324	4.9	19
34	Genetic diversity of 21 autosomal STR loci in the Han population from Sichuan province, Southwest China. <i>Forensic Science International: Genetics</i> , 2017 , 31, e33-e35	4.3	24
33	High expression of special AT-rich sequence binding protein-1 predicts esophageal squamous cell carcinoma relapse and poor prognosis. <i>Oncology Letters</i> , 2017 , 14, 7455-7460	2.6	4
32	Developmental Validation of the Huaxia Platinum System and application in 3 main ethnic groups of China. <i>Scientific Reports</i> , 2016 , 6, 31075	4.9	34
31	Analysis of genetic admixture in Uyghur using the 26 Y-STR loci system. <i>Scientific Reports</i> , 2016 , 6, 19998	4.9	27

30	Cysteine Dioxygenase Type 1 Inhibits Osteogenesis by Regulating Wnt Signaling in Primary Mouse Bone Marrow Stromal Cells. <i>Scientific Reports</i> , 2016 , 6, 19296	4.9	8
29	To explore the characteristics of fatality in children poisoned by paraquat--with analysis of 146 cases. <i>International Journal of Artificial Organs</i> , 2016 , 39, 51-5	1.9	5
28	Characterization of microRNA expression profiles in blood and saliva using the Ion Personal Genome Machine () System (Ion PGM System). <i>Forensic Science International: Genetics</i> , 2016 , 20, 140-146	4.3	27
27	New insight into the pathogenesis of minimal change nephrotic syndrome: Role of the persistence of respiratory tract virus in immune disorders. <i>Autoimmunity Reviews</i> , 2016 , 15, 632-7	13.6	10
26	Respiratory Syncytial Virus Aggravates Renal Injury through Cytokines and Direct Renal Injury. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016 , 6, 112	5.9	4
25	Massively parallel sequencing of 10 autosomal STRs in Chinese using the ion torrent personal genome machine (PGM). <i>Forensic Science International: Genetics</i> , 2016 , 25, 34-38	4.3	13
24	Phylogenetic analysis and forensic characteristics of 12 populations using 23 Y-STR loci. <i>Forensic Science International: Genetics</i> , 2015 , 19, 130-133	4.3	14
23	Development and validation of a new STR 25-plex typing system. <i>Forensic Science International: Genetics</i> , 2015 , 17, 61-69	4.3	24
22	Logical Framework of Forensic Identification: Ability to Resist Fabricated DNA. <i>Molecular Biotechnology</i> , 2015 , 57, 1030-7	3	
21	Differentiating between monozygotic twins in forensics through next generation mtGenome sequencing. <i>Forensic Science International: Genetics Supplement Series</i> , 2015 , 5, e58-e59	0.5	6
20	Differentiating between monozygotic twins through next-generation mitochondrial genome sequencing. <i>Analytical Biochemistry</i> , 2015 , 490, 1-6	3.1	12
19	Parallel Analysis of 124 Universal SNPs for Human Identification by Targeted Semiconductor Sequencing. <i>Scientific Reports</i> , 2015 , 5, 18683	4.9	18
18	Developmental validation of an X-Insertion/Deletion polymorphism panel and application in HAN population of China. <i>Scientific Reports</i> , 2015 , 5, 18336	4.9	18
17	Evaluation of HID-Ion Ampliseq panel in HAN population. <i>Forensic Science International: Genetics Supplement Series</i> , 2015 , 5, e584-e586	0.5	1
16	Identification of Saliva Using MicroRNA Biomarkers for Forensic Purpose. <i>Journal of Forensic Sciences</i> , 2015 , 60, 702-6	1.8	28
15	Development of a new 26plex Y-STRs typing system for forensic application. <i>Forensic Science International: Genetics</i> , 2014 , 13, 112-20	4.3	36
14	Population genetics of 30 insertion-deletion polymorphisms in two Chinese populations using Qiagen Investigator DIPlex kit. <i>Forensic Science International: Genetics</i> , 2014 , 11, e12-4	4.3	43
13	A case study of SNPSTR efficiency in paternity testing with locus incompatibility. <i>Forensic Science International: Genetics</i> , 2014 , 9, 72-5	4.3	6

12	A strategy for co-analysis of microRNAs and DNA. <i>Forensic Science International: Genetics</i> , 2014 , 12, 24-9	4.3	25
11	Screening and confirmation of microRNA markers for forensic body fluid identification. <i>Forensic Science International: Genetics</i> , 2013 , 7, 116-23	4.3	86
10	A model for data analysis of microRNA expression in forensic body fluid identification. <i>Forensic Science International: Genetics</i> , 2012 , 6, 419-23	4.3	54
9	MiR16 as a microRNA marker applied in species identification. <i>Forensic Science International: Genetics Supplement Series</i> , 2011 , 3, e313-e314	0.5	4
8	Melamine-tainted milk product-associated urinary stones in children. <i>Pediatrics International</i> , 2011 , 53, 489-96	1.2	11
7	Interaction among genes influencing ethanol metabolism and sex is association with alcohol use disorders in a Tibet population. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010 , 153B, 561-569	3.5	5
6	Screening and selection of 21 novel microhaplotype markers for ancestry inference in ten Chinese Subpopulations		10
5	Peopling of Tibet Plateau and multiple waves of admixture of Tibetans inferred from both modern and ancient genome-wide data		6
4	Genomic history and forensic characteristics of Sherpa highlanders on the Tibetan Plateau inferred from high-resolution genome-wide InDels and SNPs		1
3	New insights from the combined discrimination of modern/ancient genome-wide shared alleles and haplotypes: Differentiated demographic history reconstruction of Tai-Kadai and Sinitic people in South China		1
2	Genomic insights into the differentiated population admixture structure and demographic history of North East Asians		3
1	Reconstructing the genetic admixture history of Tai-Kadai and Sinitic people: Insights from genome-wide SNP data from South China. <i>Journal of Systematics and Evolution</i> ,	2.9	1