

# Suhua Zhang

## List of Publications by Year in Descending Order

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**Version:** 2024-04-09

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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.

85 papers	794 citations	17 h-index	25 g-index
86 ext. papers	964 ext. citations	3.2 avg, IF	3.82 L-index

#	Paper	IF	Citations
85	Opportunity of Next-Generation Sequencing-Based Short Tandem Repeat System for Tumor Source Identification.. <i>Frontiers in Oncology</i> , <b>2022</b> , 12, 800028	5.3	1
84	Establishing an integrated pipeline for automatic and efficient detection of trace DNA encountered in forensic applications.. <i>Science and Justice - Journal of the Forensic Science Society</i> , <b>2022</b> , 62, 50-59	2	
83	Development and Validation of a Novel and Fast Detection Method for : A 19-Plex Short Tandem Repeat Typing System.. <i>Frontiers in Plant Science</i> , <b>2022</b> , 13, 837945	6.2	
82	Novel Indel Variation of NPC1 Gene Associates With Risk of Sudden Cardiac Death.. <i>Frontiers in Genetics</i> , <b>2022</b> , 13, 869859	4.5	
81	Pairwise kinship analysis of 17 pedigrees using massively parallel sequencing.. <i>Forensic Science International: Genetics</i> , <b>2021</b> , 57, 102647	4.3	0
80	A Functional Indel Polymorphism Within MIR155HG Is Associated With Sudden Cardiac Death Risk in a Chinese Population. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 671168	5.4	0
79	Development and validation of a forensic six-dye multiplex assay with 29 STR loci. <i>Electrophoresis</i> , <b>2021</b> , 42, 1419-1430	3.6	0
78	Parallel sequencing of 87 STR and 294 SNP markers using the prototype of the SifaMPS panel on the MiSeq FGx system. <i>Forensic Science International: Genetics</i> , <b>2021</b> , 52, 102490	4.3	3
77	Genetic association study of a novel indel polymorphism in HSPA1B with the risk of sudden cardiac death in the Chinese populations. <i>Forensic Science International</i> , <b>2021</b> , 318, 110637	2.6	2
76	Analytical validation of an RI sample cartridge with the RapidHIT ID system. <i>International Journal of Legal Medicine</i> , <b>2021</b> , 135, 1257-1265	3.1	3
75	Modulation of STIM1 by a risk insertion/deletion polymorphism underlying genetics susceptibility to sudden cardiac death originated from coronary artery disease. <i>Forensic Science International</i> , <b>2021</b> , 328, 111010	2.6	0
74	Investigation of an Alternative Marker for Hypermutability Evaluation in Different Tumors. <i>Genes</i> , <b>2021</b> , 12,	4.2	3
73	A newly devised multiplex assay of novel polymorphic non-CODIS STRs as a valuable tool for forensic application. <i>Forensic Science International: Genetics</i> , <b>2020</b> , 48, 102341	4.3	2
72	Genetic investigation and phylogenetic analysis of three Chinese ethnic groups using 16 X chromosome STR loci. <i>Annals of Human Biology</i> , <b>2020</b> , 47, 59-64	1.7	4
71	Detecting genetic hypermutability of gastrointestinal tumor by using a forensic STR kit. <i>Frontiers of Medicine</i> , <b>2020</b> , 14, 101-111	12	4
70	Pilot study for forensic evaluations of the Precision ID GlobalFilerNGS STR Panel v2 with the Ion S5 system. <i>Forensic Science International: Genetics</i> , <b>2019</b> , 43, 102147	4.3	16
69	Response to commentary by Whittle, commentary on: More on the genomic identification of forensic STRs. <i>Forensic Science International: Genetics</i> , <b>2019</b> , 40, e240-e242	4.3	

68	Genetic characterization of 21 autosomal STR loci of GoldeneyeDNA ID 22NC Kit in Chinese She group. <i>Legal Medicine</i> , <b>2019</b> , 39, 45-48	1.9	5
67	Development and validation of a novel SiFaSTR 23-plex system. <i>Electrophoresis</i> , <b>2019</b> , 40, 2644-2654	3.6	8
66	A common indel polymorphism of the Desmoglein-2 (DSG2) is associated with sudden cardiac death in Chinese populations. <i>Forensic Science International</i> , <b>2019</b> , 301, 382-387	2.6	8
65	Genetic polymorphisms in 16 X-STR loci analyzed in the She population from Zhejiang Province, China. <i>Legal Medicine</i> , <b>2019</b> , 39, 25-28	1.9	3
64	Development and validation of a multiplex insertion/deletion marker panel, SifaInDel 45plex system. <i>Forensic Science International: Genetics</i> , <b>2019</b> , 41, 128-136	4.3	4
63	Forensic characteristics of 36 Y-STR loci in a Changzhou Han population and genetic distance analysis among several Chinese populations. <i>Forensic Science International: Genetics</i> , <b>2019</b> , 40, e268-e270	4.3	4
62	Forensic characteristics and phylogenetic structure of Eastern Chinese Han populations residing along the Yangtze Basin revealed by 19 autosomal STR loci. <i>Molecular Biology Reports</i> , <b>2019</b> , 46, 2541-2546	2.8	8
61	Mass spectrometry-based SNP genotyping as a potential tool for ancestry inference and human identification in Chinese Han and Uygur populations. <i>Science and Justice - Journal of the Forensic Science Society</i> , <b>2019</b> , 59, 228-233	2	3
60	Genetic polymorphisms of 21 STR loci of GoldeneyeDNA ID 22NC kit in five ethnic groups of China. <i>Forensic Sciences Research</i> , <b>2019</b> , 4, 348-350	3.6	3
59	Genetic characterization of four dog breeds with Illumina CanineHD BeadChip. <i>Forensic Sciences Research</i> , <b>2019</b> , 4, 354-357	3.6	0
58	Genetic polymorphism of 190 Y-SNPs in Han population from Jiangsu province, China. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2019</b> , 7, 552-554	0.5	
57	Mutation rates in father-son pairs of the 27 Y-STR loci in the Dezhou Han population from Shandong province, eastern China. <i>Journal of Clinical Forensic and Legal Medicine</i> , <b>2019</b> , 67, 61-63	1.7	
56	Validation of the Investigator 24plex QS Kit: a 6-dye multiplex PCR assay for forensic application in the Chinese Han population. <i>Forensic Sciences Research</i> , <b>2019</b> , 1-9	3.6	1
55	Parallel sequencing of 48 Y-chromosome STR and SNP markers. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2019</b> , 7, 347-348	0.5	
54	Genetic investigation of Chinese she ethnic based on autosomal STRs and X-STRs. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2019</b> , 7, 38-40	0.5	
53	Genetic polymorphisms of 27 Y-STR loci in the Dezhou Han population from Shandong province, Eastern China. <i>Forensic Science International: Genetics</i> , <b>2019</b> , 39, e26-e28	4.3	5
52	Genetic characterization of 27 Y-STR loci analyzed in the Nantong Han population residing along the Yangtze Basin. <i>Forensic Science International: Genetics</i> , <b>2019</b> , 39, e10-e13	4.3	6
51	Investigation of 12 X-STR loci in Mongolian and Eastern Han populations of China with comparison to other populations. <i>Scientific Reports</i> , <b>2018</b> , 8, 4287	4.9	15

50	Sequence investigation of 34 forensic autosomal STRs with massively parallel sequencing. <i>Scientific Reports</i> , <b>2018</b> , 8, 6810	4.9	5
49	Forensic investigation of 23 autosomal STRs and application in Han and Mongolia ethnic groups. <i>Forensic Sciences Research</i> , <b>2018</b> , 3, 138-144	3.6	5
48	Genetic diversity of 21 forensic autosomal STRs and DYS391 in the Han population from Shanghai, Eastern China. <i>Forensic Science International: Genetics</i> , <b>2018</b> , 37, e23-e25	4.3	1
47	Separation/extraction, detection, and interpretation of DNA mixtures in forensic science (review). <i>International Journal of Legal Medicine</i> , <b>2018</b> , 132, 1247-1261	3.1	13
46	Population genetics study using 26 Y-chromosomal STR loci in the Hui ethnic group in China. <i>Forensic Science International: Genetics</i> , <b>2017</b> , 28, e26-e27	4.3	17
45	Revisiting the male genetic landscape of China: a multi-center study of almost 38,000 Y-STR haplotypes. <i>Human Genetics</i> , <b>2017</b> , 136, 485-497	6.3	51
44	Population genetics of 30 insertion/deletion polymorphisms in Han Chinese population from Zhejiang Province. <i>Forensic Science International: Genetics</i> , <b>2017</b> , 28, e33-e35	4.3	7
43	An insertion/deletion polymorphism within 3'UTR of RYR2 modulates sudden unexplained death risk in Chinese populations. <i>Forensic Science International</i> , <b>2017</b> , 270, 165-172	2.6	18
42	Developmental validation of a custom panel including 273 SNPs for forensic application using Ion Torrent PGM. <i>Forensic Science International: Genetics</i> , <b>2017</b> , 27, 50-57	4.3	27
41	Parallel sequencing of 60 X-chromosome genetic markers including STRs, SNPs and InDels. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2017</b> , 6, e317-e319	0.5	1
40	Massively parallel sequencing of 231 autosomal SNPs with a custom panel: a SNP typing assay developed for human identification with Ion Torrent PGM. <i>Forensic Sciences Research</i> , <b>2017</b> , 2, 26-33	3.6	5
39	Association between an indel polymorphism in the 3'UTR of COL1A2 and the risk of sudden cardiac death in Chinese populations. <i>Legal Medicine</i> , <b>2017</b> , 28, 22-26	1.9	9
38	An indel polymorphism within pre-miR3131 confers risk for hepatocellular carcinoma. <i>Carcinogenesis</i> , <b>2017</b> , 38, 168-176	4.6	9
37	Analysis of genetic admixture in Uyghur using the 26 Y-STR loci system. <i>Scientific Reports</i> , <b>2016</b> , 6, 19998	4.9	27
36	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> , <b>2016</b> , 20, 140-146	4.3	27
35	Association between indel polymorphism in the promoter region of lncRNA GAS5 and the risk of hepatocellular carcinoma. <i>Carcinogenesis</i> , <b>2015</b> , 36, 1136-43	4.6	90
34	Development and validation of a new STR 25-plex typing system. <i>Forensic Science International: Genetics</i> , <b>2015</b> , 17, 61-69	4.3	24
33	Logical Framework of Forensic Identification: Ability to Resist Fabricated DNA. <i>Molecular Biotechnology</i> , <b>2015</b> , 57, 1030-7	3	

32	Phylogenetic analysis of She population from Fujian Province in China based on 26 Y-STR Loci*. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2015</b> , 5, e520-e523	0.5	
31	Differentiating between monozygotic twins in forensics through next generation mtGenome sequencing. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2015</b> , 5, e58-e59	0.5	6
30	Differentiating between monozygotic twins through next-generation mitochondrial genome sequencing. <i>Analytical Biochemistry</i> , <b>2015</b> , 490, 1-6	3.1	12
29	Parallel Analysis of 124 Universal SNPs for Human Identification by Targeted Semiconductor Sequencing. <i>Scientific Reports</i> , <b>2015</b> , 5, 18683	4.9	18
28	Population genetic study of 34 X-Chromosome markers in 5 main ethnic groups of China. <i>Scientific Reports</i> , <b>2015</b> , 5, 17711	4.9	11
27	Developmental validation of an X-Insertion/Deletion polymorphism panel and application in HAN population of China. <i>Scientific Reports</i> , <b>2015</b> , 5, 18336	4.9	18
26	Species identification through pyrosequencing 12S rRNA gene. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2015</b> , 5, e561-e563	0.5	2
25	Evaluation of HID-Ion Ampliseq panel in HAN population. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2015</b> , 5, e584-e586	0.5	1
24	Development of a new 26plex Y-STRs typing system for forensic application. <i>Forensic Science International: Genetics</i> , <b>2014</b> , 13, 112-20	4.3	36
23	Population genetics of 30 insertion-deletion polymorphisms in two Chinese populations using Qiagen Investigator DIPlex kit. <i>Forensic Science International: Genetics</i> , <b>2014</b> , 11, e12-4	4.3	43
22	A new strategy for body source identification of tumor sample. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2013</b> , 4, e346-e347	0.5	1
21	Development of 30 InDel markers typing system and genetic analysis in five different Chinese populations. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2013</b> , 4, e188-e189	0.5	
20	Differences of DNA methylation profiles between monozygotic twins' blood samples. <i>Molecular Biology Reports</i> , <b>2013</b> , 40, 5275-80	2.8	33
19	Development of the 16 X-STR loci typing system and genetic analysis in a Shanghai Han population from China. <i>Electrophoresis</i> , <b>2013</b> , 34, 3008-15	3.6	17
18	Genetic polymorphisms in 12 autosomal STRs in a Shanghai Han population from China. <i>Electrophoresis</i> , <b>2013</b> , 34, 613-7	3.6	11
17	A new multiplex assay of 17 autosomal STRs and Amelogenin for forensic application. <i>PLoS ONE</i> , <b>2013</b> , 8, e57471	3.7	14
16	Selection of 29 highly informative InDel markers for human identification and paternity analysis in Chinese Han population by the SNPlex genotyping system. <i>Molecular Biology Reports</i> , <b>2012</b> , 39, 3143-52	2.8	5
15	Genetic analysis of the 11 X-STR loci in Uigur population from China. <i>Forensic Science International: Genetics</i> , <b>2012</b> , 6, e139-40	4.3	3

14	Genetic polymorphisms of 12 X-STR for forensic purposes in Shanghai Han population from China. <i>Molecular Biology Reports</i> , <b>2012</b> , 39, 5705-7	2.8	29
13	Maternity exclusion with a very high autosomal STRs kinship index. <i>International Journal of Legal Medicine</i> , <b>2012</b> , 126, 645-8	3.1	20
12	Genetic analysis of the 11 X-STR loci in Uigur and Northern Han populations from China. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2011</b> , 3, e423-e424	0.5	1
11	Linkage disequilibrium analysis of 67 SNP loci on X chromosome. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2011</b> , 3, e431-e432	0.5	1
10	UTI preventing DNA degradation of storing urinary samples for genotyping. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2011</b> , 3, e3-e4	0.5	1
9	Identical but not the same: The value of DNA methylation profiling in forensic discrimination within monozygotic twins. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2011</b> , 3, e337-e338	0.5	16
8	Genetic polymorphism of 29 highly informative InDel markers for forensic use in the Chinese Han population. <i>Forensic Science International: Genetics</i> , <b>2011</b> , 5, e27-30	4.3	23
7	Development of 11 X-STR loci typing system and genetic analysis in Tibetan and Northern Han populations from China. <i>International Journal of Legal Medicine</i> , <b>2011</b> , 125, 753-6	3.1	13
6	Comparison study in determination of full sibling with Identifiler multiplex system between ITO method and identity by state scoring method. <i>Forensic Science International: Genetics Supplement Series</i> , <b>2011</b> , 3, e335-e336	0.5	2
5	Analysis of 14 highly informative SNP markers on X chromosome by TaqMan SNP genotyping assay. <i>Forensic Science International: Genetics</i> , <b>2010</b> , 4, e145-8	4.3	17
4	Forensic parameters of 41 Y-STR loci in Shandong Han individuals and comparison with 42 other populations. <i>Forensic Sciences Research</i> , 1-3	3.6	
3	Regulatory variation within 3'UTR of STAT5A correlates with sudden cardiac death in Chinese populations. <i>Forensic Sciences Research</i> , 1-10	3.6	
2	Developmental validation of the novel six-dye Goldeneye™ DNA ID System 35InDel kit for forensic application. <i>Forensic Sciences Research</i> , 1-12	3.6	
1	Investigation on the genetic-inconsistent paternity cases using the MiSeq FGx system. <i>Forensic Sciences Research</i> , 1-6	3.6	