# Suhua Zhang

## List of Publications by Citations



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|---|---|---|---|
| 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 | Association between indel polymorphism in the promoter region of lncRNA GAS5 and the risk of hepatocellular carcinoma. *Carcinogenesis*, **2015**, 36, 1136-43 | 4.6 | 90 |
| 84 | Revisiting the male genetic landscape of China: a multi-center study of almost 38,000 Y-STR haplotypes. *Human Genetics*, **2017**, 136, 485-497 | 6.3 | 51 |
| 83 | Population genetics of 30 insertion-deletion polymorphisms in two Chinese populations using Qiagen Investigator DIPplex kit. *Forensic Science International: Genetics*, **2014**, 11, e12-4 | 4.3 | 43 |
| 82 | Development of a new 26plex Y-STRs typing system for forensic application. *Forensic Science International: Genetics*, **2014**, 13, 112-20 | 4.3 | 36 |
| 81 | Differences of DNA methylation profiles between monozygotic twins' blood samples. *Molecular Biology Reports*, **2013**, 40, 5275-80 | 2.8 | 33 |
| 80 | Genetic polymorphisms of 12 X-STR for forensic purposes in Shanghai Han population from China. *Molecular Biology Reports*, **2012**, 39, 5705-7 | 2.8 | 29 |
| 79 | Developmental validation of a custom panel including 273 SNPs for forensic application using Ion Torrent PGM. *Forensic Science International: Genetics*, **2017**, 27, 50-57 | 4.3 | 27 |
| 78 | Analysis of genetic admixture in Uyghur using the 26 Y-STR loci system. *Scientific Reports*, **2016**, 6, 19998 | 4.9 | 27 |
| 77 | Characterization of microRNA expression profiles in blood and saliva using the Ion Personal Genome Machine( ) System (Ion PGM System). *Forensic Science International: Genetics*, **2016**, 20, 140-146 | 4.3 | 27 |
| 76 | Development and validation of a new STR 25-plex typing system. *Forensic Science International: Genetics*, **2015**, 17, 61-69 | 4.3 | 24 |
| 75 | Genetic polymorphism of 29 highly informative InDel markers for forensic use in the Chinese Han population. *Forensic Science International: Genetics*, **2011**, 5, e27-30 | 4.3 | 23 |
| 74 | Maternity exclusion with a very high autosomal STRs kinship index. *International Journal of Legal Medicine*, **2012**, 126, 645-8 | 3.1 | 20 |
| 73 | An insertion/deletion polymorphism within 3'UTR of RYR2 modulates sudden unexplained death risk in Chinese populations. *Forensic Science International*, **2017**, 270, 165-172 | 2.6 | 18 |
| 72 | Parallel Analysis of 124 Universal SNPs for Human Identification by Targeted Semiconductor Sequencing. *Scientific Reports*, **2015**, 5, 18683 | 4.9 | 18 |
| 71 | Developmental validation of an X-Insertion/Deletion polymorphism panel and application in HAN population of China. *Scientific Reports*, **2015**, 5, 18336 | 4.9 | 18 |
| 70 | Population genetics study using 26 Y-chromosomal STR loci in the Hui ethnic group in China. *Forensic Science International: Genetics*, **2017**, 28, e26-e27 | 4.3 | 17 |
| 69 | Development of the 16 X-STR loci typing system and genetic analysis in a Shanghai Han population from China. *Electrophoresis*, **2013**, 34, 3008-15 | 3.6 | 17 |

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| 68 | Analysis of 14 highly informative SNP markers on X chromosome by TaqMan SNP genotyping assay. *Forensic Science International: Genetics*, **2010**, 4, e145-8 | 4.3 | 17 |
| 67 | Pilot study for forensic evaluations of the Precision ID GlobalFiler NGS STR Panel v2 with the Ion S5 system. *Forensic Science International: Genetics*, **2019**, 43, 102147 | 4.3 | 16 |
| 66 | Identical but not the same: The value of DNA methylation profiling in forensic discrimination within monozygotic twins. *Forensic Science International: Genetics Supplement Series*, **2011**, 3, e337-e338 | 0.5 | 16 |
| 65 | Investigation of 12 X-STR loci in Mongolian and Eastern Han populations of China with comparison to other populations. *Scientific Reports*, **2018**, 8, 4287 | 4.9 | 15 |
| 64 | A new multiplex assay of 17 autosomal STRs and Amelogenin for forensic application. *PLoS ONE*, **2013**, 8, e57471 | 3.7 | 14 |
| 63 | Development of 11 X-STR loci typing system and genetic analysis in Tibetan and Northern Han populations from China. *International Journal of Legal Medicine*, **2011**, 125, 753-6 | 3.1 | 13 |
| 62 | Separation/extraction, detection, and interpretation of DNA mixtures in forensic science (review). *International Journal of Legal Medicine*, **2018**, 132, 1247-1261 | 3.1 | 13 |
| 61 | Differentiating between monozygotic twins through next-generation mitochondrial genome sequencing. *Analytical Biochemistry*, **2015**, 490, 1-6 | 3.1 | 12 |
| 60 | Population genetic study of 34 X-Chromosome markers in 5 main ethnic groups of China. *Scientific Reports*, **2015**, 5, 17711 | 4.9 | 11 |
| 59 | Genetic polymorphisms in 12 autosomal STRs in a Shanghai Han population from China. *Electrophoresis*, **2013**, 34, 613-7 | 3.6 | 11 |
| 58 | Association between an indel polymorphism in the 3'UTR of COL1A2 and the risk of sudden cardiac death in Chinese populations. *Legal Medicine*, **2017**, 28, 22-26 | 1.9 | 9 |
| 57 | An indel polymorphism within pre-miR3131 confers risk for hepatocellular carcinoma. *Carcinogenesis*, **2017**, 38, 168-176 | 4.6 | 9 |
| 56 | Development and validation of a novel SiFaSTR 23-plex system. *Electrophoresis*, **2019**, 40, 2644-2654 | 3.6 | 8 |
| 55 | A common indel polymorphism of the Desmoglein-2 (DSG2) is associated with sudden cardiac death in Chinese populations. *Forensic Science International*, **2019**, 301, 382-387 | 2.6 | 8 |
| 54 | Population genetics of 30 insertion/deletion polymorphisms in Han Chinese population from Zhejiang Province. *Forensic Science International: Genetics*, **2017**, 28, e33-e35 | 4.3 | 7 |
| 53 | Differentiating between monozygotic twins in forensics through next generation mtGenome sequencing. *Forensic Science International: Genetics Supplement Series*, **2015**, 5, e58-e59 | 0.5 | 6 |
| 52 | Genetic characterization of 27 Y-STR loci analyzed in the Nantong Han population residing along the Yangtze Basin. *Forensic Science International: Genetics*, **2019**, 39, e10-e13 | 4.3 | 6 |
| 51 | Genetic characterization of 21 autosomal STR loci of Goldeneye DNA ID 22NC Kit in Chinese She group. *Legal Medicine*, **2019**, 39, 45-48 | 1.9 | 5 |

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| 50 | Sequence investigation of 34 forensic autosomal STRs with massively parallel sequencing. *Scientific Reports*, **2018**, 8, 6810 | 4.9 | 5 |
| 49 | Forensic investigation of 23 autosomal STRs and application in Han and Mongolia ethnic groups. *Forensic Sciences Research*, **2018**, 3, 138-144 | 3.6 | 5 |
| 48 | Selection of 29 highly informative InDel markers for human identification and paternity analysis in Chinese Han population by the SNPlex genotyping system. *Molecular Biology Reports*, **2012**, 39, 3143-52 | 2.8 | 5 |
| 47 | Massively parallel sequencing of 231 autosomal SNPs with a custom panel: a SNP typing assay developed for human identification with Ion Torrent PGM. *Forensic Sciences Research*, **2017**, 2, 26-33 | 3.6 | 5 |
| 46 | Genetic polymorphisms of 27 Y-STR loci in the Dezhou Han population from Shandong province, Eastern China. *Forensic Science International: Genetics*, **2019**, 39, e26-e28 | 4.3 | 5 |
| 45 | Development and validation of a multiplex insertion/deletion marker panel, SifaInDel 45plex system. *Forensic Science International: Genetics*, **2019**, 41, 128-136 | 4.3 | 4 |
| 44 | Forensic characteristics of 36 Y-STR loci in a Changzhou Han population and genetic distance analysis among several Chinese populations. *Forensic Science International: Genetics*, **2019**, 40, e268-e270 | 4.3 | 4 |
| 43 | Genetic investigation and phylogenetic analysis of three Chinese ethnic groups using 16 X chromosome STR loci. *Annals of Human Biology*, **2020**, 47, 59-64 | 1.7 | 4 |
| 42 | Detecting genetic hypermutability of gastrointestinal tumor by using a forensic STR kit. *Frontiers of Medicine*, **2020**, 14, 101-111 | 12 | 4 |
| 41 | Genetic polymorphisms in 16 X-STR loci analyzed in the She population from Zhejiang Province, China. *Legal Medicine*, **2019**, 39, 25-28 | 1.9 | 3 |
| 40 | Mass spectrometry-based SNP genotyping as a potential tool for ancestry inference and human identification in Chinese Han and Uygur populations. *Science and Justice - Journal of the Forensic Science Society*, **2019**, 59, 228-233 | 2 | 3 |
| 39 | Genetic polymorphisms of 21 STR loci of Goldeneye DNA ID 22NC kit in five ethnic groups of China. *Forensic Sciences Research*, **2019**, 4, 348-350 | 3.6 | 3 |
| 38 | Genetic analysis of the 11 X-STR loci in Uigur population from China. *Forensic Science International: Genetics*, **2012**, 6, e139-40 | 4.3 | 3 |
| 37 | Parallel sequencing of 87 STR and 294 SNP markers using the prototype of the SifaMPS panel on the MiSeq FGx System. *Forensic Science International: Genetics*, **2021**, 52, 102490 | 4.3 | 3 |
| 36 | Analytical validation of an RI sample cartridge with the RapidHIT ID system. *International Journal of Legal Medicine*, **2021**, 135, 1257-1265 | 3.1 | 3 |
| 35 | Investigation of an Alternative Marker for Hypermutability Evaluation in Different Tumors. *Genes*, **2021**, 12, | 4.2 | 3 |
| 34 | A newly devised multiplex assay of novel polymorphic non-CODIS STRs as a valuable tool for forensic application. *Forensic Science International: Genetics*, **2020**, 48, 102341 | 4.3 | 2 |
| 33 | Species identification through pyrosequencing 12S rRNA gene. *Forensic Science International: Genetics Supplement Series*, **2015**, 5, e561-e563 | 0.5 | 2 |

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| 32 | Comparison study in determination of full sibling with Identifiler multiplex system between ITO method and identity by state scoring method. *Forensic Science International: Genetics Supplement Series*, **2011**, 3, e335-e336 | 0.5 | 2 |
| 31 | Genetic association study of a novel indel polymorphism in HSPA1B with the risk of sudden cardiac death in the Chinese populations. *Forensic Science International*, **2021**, 318, 110637 | 2.6 | 2 |
| 30 | Parallel sequencing of 60 X-chromosome genetic markers including STRs, SNPs and InDels. *Forensic Science International: Genetics Supplement Series*, **2017**, 6, e317-e319 | 0.5 | 1 |
| 29 | A new strategy for body source identification of tumor sample. *Forensic Science International: Genetics Supplement Series*, **2013**, 4, e346-e347 | 0.5 | 1 |
| 28 | Evaluation of HID-Ion Ampliseq□panel in HAN population. *Forensic Science International: Genetics Supplement Series*, **2015**, 5, e584-e586 | 0.5 | 1 |
| 27 | Genetic analysis of the 11 X-STR loci in Uigur and Northern Han populations from China. *Forensic Science International: Genetics Supplement Series*, **2011**, 3, e423-e424 | 0.5 | 1 |
| 26 | Linkage disequilibrium analysis of 67 SNP loci on X chromosome. *Forensic Science International: Genetics Supplement Series*, **2011**, 3, e431-e432 | 0.5 | 1 |
| 25 | UTI preventing DNA degradation of storing urinary samples for genotyping. *Forensic Science International: Genetics Supplement Series*, **2011**, 3, e3-e4 | 0.5 | 1 |
| 24 | Opportunity of Next-Generation Sequencing-Based Short Tandem Repeat System for Tumor Source Identification.. *Frontiers in Oncology*, **2022**, 12, 800028 | 5.3 | 1 |
| 23 | Validation of the Investigator 24plex QS Kit: a 6-dye multiplex PCR assay for forensic application in the Chinese Han population. *Forensic Sciences Research*, **2019**, 1-9 | 3.6 | 1 |
| 22 | Genetic diversity of 21 forensic autosomal STRs and DYS391 in the Han population from Shanghai, Eastern China. *Forensic Science International: Genetics*, **2018**, 37, e23-e25 | 4.3 | 1 |
| 21 | Genetic characterization of four dog breeds with Illumina CanineHD BeadChip. *Forensic Sciences Research*, **2019**, 4, 354-357 | 3.6 | 0 |
| 20 | Pairwise kinship analysis of 17 pedigrees using massively parallel sequencing.. *Forensic Science International: Genetics*, **2021**, 57, 102647 | 4.3 | 0 |
| 19 | A Functional Indel Polymorphism Within MIR155HG Is Associated With Sudden Cardiac Death Risk in a Chinese Population. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 671168 | 5.4 | 0 |
| 18 | Development and validation of a forensic six-dye multiplex assay with 29 STR loci. *Electrophoresis*, **2021**, 42, 1419-1430 | 3.6 | 0 |
| 17 | Modulation of STIM1 by a risk insertion/deletion polymorphism underlying genetics susceptibility to sudden cardiac death originated from coronary artery disease. *Forensic Science International*, **2021**, 328, 111010 | 2.6 | 0 |
| 16 | Response to commentary by Whittle, commentary on: More on the genomic identification of forensic STRs. *Forensic Science International: Genetics*, **2019**, 40, e240-e242 | 4.3 | |
| 15 | Forensic characteristics and phylogenetic structure of Eastern Chinese Han populations residing along the Yangtze Basin revealed by 19 autosomal STR loci. *Molecular Biology Reports*, **2019**, 46, 2541-2546 | 2.8 | |

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| 14 | Logical Framework of Forensic Identification: Ability to Resist Fabricated DNA. *Molecular Biotechnology*, **2015**, 57, 1030-7 | 3 |
| 13 | Phylogenetic analysis of She population from Fujian Province in China based on 26 Y-STR Loci*. *Forensic Science International: Genetics Supplement Series*, **2015**, 5, e520-e523 | 0.5 |
| 12 | Development of 30 InDel markers typing system and genetic analysis in five different Chinese populations. *Forensic Science International: Genetics Supplement Series*, **2013**, 4, e188-e189 | 0.5 |
| 11 | Establishing an integrated pipeline for automatic and efficient detection of trace DNA encountered in forensic applications.. *Science and Justice - Journal of the Forensic Science Society*, **2022**, 62, 50-59 | 2 |
| 10 | Forensic parameters of 41 Y-STR loci in Shandong Han individuals and comparison with 42 other populations. *Forensic Sciences Research*,1-3 | 3.6 |
| 9 | Genetic polymorphism of 190 Y-SNPs in Han population from Jiangsu province, China. *Forensic Science International: Genetics Supplement Series*, **2019**, 7, 552-554 | 0.5 |
| 8 | Mutation rates in father-son pairs of the 27 Y-STR loci in the Dezhou Han population from Shandong province, eastern China. *Journal of Clinical Forensic and Legal Medicine*, **2019**, 67, 61-63 | 1.7 |
| 7 | Parallel sequencing of 48 Y-chromosome STR and SNP markers. *Forensic Science International: Genetics Supplement Series*, **2019**, 7, 347-348 | 0.5 |
| 6 | Genetic investigation of Chinese she ethnic based on autosomal STRs and X-STRs. *Forensic Science International: Genetics Supplement Series*, **2019**, 7, 38-40 | 0.5 |
| 5 | Regulatory variation within 3′UTR of STAT5A correlates with sudden cardiac death in Chinese populations. *Forensic Sciences Research*,1-10 | 3.6 |
| 4 | Developmental validation of the novel six-dye GoldeneyeTM DNA ID System 35InDel kit for forensic application. *Forensic Sciences Research*,1-12 | 3.6 |
| 3 | Development and Validation of a Novel and Fast Detection Method for : A 19-Plex Short Tandem Repeat Typing System.. *Frontiers in Plant Science*, **2022**, 13, 837945 | 6.2 |
| 2 | Investigation on the genetic-inconsistent paternity cases using the MiSeq FGx system. *Forensic Sciences Research*,1-6 | 3.6 |
| 1 | Novel Indel Variation of NPC1 Gene Associates With Risk of Sudden Cardiac Death.. *Frontiers in Genetics*, **2022**, 13, 869859 | 4.5 |