

# Chengtao Li

## List of Publications by Year in descending order

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118  
papers

1,444  
citations

361413

20  
h-index

414414

32  
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120  
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120  
docs citations

120  
times ranked

1140  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2022, 7, 172-180.	1.6	5
2	Multi-Locus Identification of <i>Psilocybe Cubensis</i> by High-Resolution Melting (HRM). <i>Forensic Sciences Research</i> , 2022, 7, 490-497.	1.6	2
3	Development of forensic standards in China: a review. <i>Forensic Sciences Research</i> , 2022, 7, 1-10.	1.6	5
4	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> , 2022, 62, 50-59.	2.1	0
5	Opportunity of Next-Generation Sequencing-Based Short Tandem Repeat System for Tumor Source Identification. <i>Frontiers in Oncology</i> , 2022, 12, 800028.	2.8	2
6	Development and Validation of a Novel and Fast Detection Method for <i>Cannabis sativa</i> : A 19-Plex Short Tandem Repeat Typing System. <i>Frontiers in Plant Science</i> , 2022, 13, 837945.	3.6	1
7	Novel Indel Variation of NPC1 Gene Associates With Risk of Sudden Cardiac Death. <i>Frontiers in Genetics</i> , 2022, 13, 869859.	2.3	0
8	Improving the system power of complex kinship analysis by combining multiple systems. <i>Forensic Science International: Genetics</i> , 2022, 60, 102741.	3.1	1
9	Validation studies of the ParaDNA <sup>®</sup> Intelligence System with artificial evidence items. <i>Forensic Sciences Research</i> , 2021, 6, 84-91.	1.6	2
10	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> , 2021, 318, 110637.	2.2	8
11	Analytical validation of an RI sample cartridge with the RapidHIT <sup>®</sup> ID system. <i>International Journal of Legal Medicine</i> , 2021, 135, 1257-1265.	2.2	9
12	A Functional Indel Polymorphism Within MIR155HG Is Associated With Sudden Cardiac Death Risk in a Chinese Population. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 671168.	2.4	3
13	Development and validation of a forensic six-dye multiplex assay with 29 STR loci. <i>Electrophoresis</i> , 2021, 42, 1419-1430.	2.4	6
14	Parallel sequencing of 87 STR and 294 SNP markers using the prototype of the SifaMPS panel on the MiSeq FGx <sub>2</sub> system. <i>Forensic Science International: Genetics</i> , 2021, 52, 102490.	3.1	10
15	Calculation of the Paternity Index for STR with tri-allelic patterns in paternity testing. <i>Forensic Science International</i> , 2021, 324, 110832.	2.2	5
16	Evaluating the effects of whole genome amplification strategies for amplifying trace DNA using capillary electrophoresis and massive parallel sequencing. <i>Forensic Science International: Genetics</i> , 2021, 56, 102599.	3.1	2
17	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> , 2021, 328, 111010.	2.2	2
18	Investigation of an Alternative Marker for Hypermutability Evaluation in Different Tumors. <i>Genes</i> , 2021, 12, 197.	2.4	4

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19	Pairwise kinship analysis of 17 pedigrees using massively parallel sequencing. <i>Forensic Science International: Genetics</i> , 2021, 57, 102647.	3.1	7
20	Development and validation of a novel 29-plex Y-STR typing system for forensic application. <i>Forensic Science International: Genetics</i> , 2020, 44, 102169.	3.1	12
21	Detecting genetic hypermutability of gastrointestinal tumor by using a forensic STR kit. <i>Frontiers of Medicine</i> , 2020, 14, 101-111.	3.4	6
22	Development and validation of a custom panel including 183 Y-SNPs for Chinese Y-chromosomal haplogroups dissection using a MALDI-TOF MS system. <i>Electrophoresis</i> , 2020, 41, 2047-2054.	2.4	4
23	Genetic analysis of type 2 tri-allelic pattern at TPOX locus in the Chinese Han population. <i>Molecular Genetics and Genomics</i> , 2020, 295, 933-939.	2.1	3
24	A newly devised multiplex assay of novel polymorphic non-CODIS STRs as a valuable tool for forensic application. <i>Forensic Science International: Genetics</i> , 2020, 48, 102341.	3.1	7
25	Genetic polymorphism of both 29 Y-STRs and 213 Y-SNPs in Han populations from Shandong Province, China. <i>Legal Medicine</i> , 2020, 47, 101738.	1.3	5
26	STRsearch: a new pipeline for targeted profiling of short tandem repeats in massively parallel sequencing data. <i>Hereditas</i> , 2020, 157, 8.	1.4	5
27	Genetic investigation and phylogenetic analysis of three Chinese ethnic groups using 16 X chromosome STR loci. <i>Annals of Human Biology</i> , 2020, 47, 59-64.	1.0	6
28	Genetic polymorphisms of 21 STR loci of Goldeneye DNA ID 22NC kit in five ethnic groups of China. <i>Forensic Sciences Research</i> , 2019, 4, 348-350.	1.6	3
29	Genetic characterization of four dog breeds with Illumina CanineHD BeadChip. <i>Forensic Sciences Research</i> , 2019, 4, 354-357.	1.6	2
30	Bibliometric Analysis of Medical Malpractice Literature in Legal Medicine from 1975 to 2018: Web of Science Review. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2019, 66, 167-183.	1.0	17
31	Pilot study for forensic evaluations of the Precision ID GlobalFiler NGS STR Panel v2 with the Ion S5 system. <i>Forensic Science International: Genetics</i> , 2019, 43, 102147.	3.1	35
32	Response to commentary by Whittle, commentary on: More on the genomic identification of forensic STRs. <i>Forensic Science International: Genetics</i> , 2019, 40, e240-e242.	3.1	0
33	Genetic characterization of 21 autosomal STR loci of Goldeneye DNA ID 22NC Kit in Chinese She group. <i>Legal Medicine</i> , 2019, 39, 45-48.	1.3	6
34	Development and validation of a novel SiFaSTR TM 23-plex system. <i>Electrophoresis</i> , 2019, 40, 2644-2654.	2.4	10
35	A common indel polymorphism of the Desmoglein-2 (DSC2) is associated with sudden cardiac death in Chinese populations. <i>Forensic Science International</i> , 2019, 301, 382-387.	2.2	13
36	Genetic polymorphisms in 16 X-STR loci analyzed in the She population from Zhejiang Province, China. <i>Legal Medicine</i> , 2019, 39, 25-28.	1.3	4

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37	Development and validation of a multiplex insertion/deletion marker panel, SifalDel 45plex system. <i>Forensic Science International: Genetics</i> , 2019, 41, 128-136.	3.1	12
38	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> , 2019, 40, e268-e270.	3.1	6
39	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> , 2019, 46, 2541-2546.	2.3	0
40	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> , 2019, 59, 228-233.	2.1	6
41	Characterization of the extra copy of TPOX locus with tri-allelic pattern. <i>BMC Genetics</i> , 2019, 20, 18.	2.7	8
42	Analysis of full- and half-siblings using a combined system of STR, InDel and SNP markers. <i>Forensic Science International: Genetics Supplement Series</i> , 2019, 7, 349-350.	0.3	1
43	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> , 2019, 67, 61-63.	1.0	2
44	Evaluating the amplification efficiency of the MALBAC <sup>®</sup> single-cell DNA Kit for trace DNA. <i>Forensic Science International: Genetics Supplement Series</i> , 2019, 7, 351-352.	0.3	2
45	Parallel sequencing of 48 Y-chromosome STR and SNP markers. <i>Forensic Science International: Genetics Supplement Series</i> , 2019, 7, 347-348.	0.3	0
46	Genetic investigation of Chinese she ethnic based on autosomal STRs and X-STRs. <i>Forensic Science International: Genetics Supplement Series</i> , 2019, 7, 38-40.	0.3	0
47	Genetic polymorphisms of 27 Y-STR loci in the Dezhou Han population from Shandong province, Eastern China. <i>Forensic Science International: Genetics</i> , 2019, 39, e26-e28.	3.1	5
48	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.	3.1	30
49	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.	3.1	23
50	Genetic characterization of 27 Y-STR loci analyzed in the Nantong Han population residing along the Yangtze Basin. <i>Forensic Science International: Genetics</i> , 2019, 39, e10-e13.	3.1	7
51	Genetic polymorphism of 125 Y-SNPs in Han population from Shandong province, China. <i>Forensic Science International: Genetics Supplement Series</i> , 2019, 7, 851-852.	0.3	1
52	Genetic polymorphism of 190 Y-SNPs in Han population from Jiangsu province, China. <i>Forensic Science International: Genetics Supplement Series</i> , 2019, 7, 552-554.	0.3	0
53	Investigation of 12 X-STR loci in Mongolian and Eastern Han populations of China with comparison to other populations. <i>Scientific Reports</i> , 2018, 8, 4287.	3.3	16
54	Forensic genetics. <i>Forensic Sciences Research</i> , 2018, 3, 103-104.	1.6	3

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55	Genetic diversity of 21 forensic autosomal STRs and DYS391 in the Han population from Shanghai, Eastern China. <i>Forensic Science International: Genetics</i> , 2018, 37, e23-e25.	3.1	1
56	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.	3.1	26
57	Separation/extraction, detection, and interpretation of DNA mixtures in forensic science (review). <i>International Journal of Legal Medicine</i> , 2018, 132, 1247-1261.	2.2	20
58	Sequence investigation of 34 forensic autosomal STRs with massively parallel sequencing. <i>Scientific Reports</i> , 2018, 8, 6810.	3.3	6
59	Forensic investigation of 23 autosomal STRs and application in Han and Mongolia ethnic groups. <i>Forensic Sciences Research</i> , 2018, 3, 138-144.	1.6	7
60	An Indel Polymorphism within pre-miR3131 Confers Risk for Hepatocellular Carcinoma. <i>Carcinogenesis</i> , 2017, 38, bgw206.	2.8	10
61	Population genetics study using 26 Y-chromosomal STR loci in the Hui ethnic group in China. <i>Forensic Science International: Genetics</i> , 2017, 28, e26-e27.	3.1	26
62	Genome-wide screening for highly discriminative SNPs for personal identification and their assessment in world populations. <i>Forensic Science International: Genetics</i> , 2017, 28, 118-127.	3.1	19
63	Population genetics of 30 insertion/deletion polymorphisms in Han Chinese population from Zhejiang Province. <i>Forensic Science International: Genetics</i> , 2017, 28, e33-e35.	3.1	7
64	An insertion/deletion polymorphism within 3'UTR of RYR2 modulates sudden unexplained death risk in Chinese populations. <i>Forensic Science International</i> , 2017, 270, 165-172.	2.2	22
65	Developmental validation of a custom panel including 273 SNPs for forensic application using Ion Torrent PGM. <i>Forensic Science International: Genetics</i> , 2017, 27, 50-57.	3.1	44
66	A study of the genetic diversity in the Heze Han population using a novel genotyping system based on 24 Y-chromosomal STR loci. <i>Forensic Science International: Genetics Supplement Series</i> , 2017, 6, e86-e88.	0.3	2
67	Genome-wide copy number variation analysis in monozygotic twins. <i>Forensic Science International: Genetics Supplement Series</i> , 2017, 6, e218-e220.	0.3	0
68	Parallel sequencing of 60 X-chromosome genetic markers including STRs, SNPs and InDels. <i>Forensic Science International: Genetics Supplement Series</i> , 2017, 6, e317-e319.	0.3	4
69	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> , 2017, 2, 26-33.	1.6	8
70	Massively parallel sequencing of 32 forensic markers using the Precision ID GlobalFiler <sup>®</sup> , <sup>†</sup> NGS STR Panel and the Ion PGM <sup>™</sup> , <sup>‡</sup> System. <i>Forensic Science International: Genetics</i> , 2017, 31, 126-134.	3.1	53
71	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> , 2017, 28, 22-26.	1.3	9
72	Developmental Validation of the Huaxia Platinum System and application in 3 main ethnic groups of China. <i>Scientific Reports</i> , 2016, 6, 31075.	3.3	46

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73	Analysis of genetic admixture in Uyghur using the 26 Y-STR loci system. <i>Scientific Reports</i> , 2016, 6, 19998.	3.3	30
74	Characterization of microRNA expression profiles in blood and saliva using the Ion Personal Genome Machine A® System (Ion PGMâ„¢ System). <i>Forensic Science International: Genetics</i> , 2016, 20, 140-146.	3.1	35
75	Parallel Analysis of 124 Universal SNPs for Human Identification by Targeted Semiconductor Sequencing. <i>Scientific Reports</i> , 2015, 5, 18683.	3.3	28
76	Population genetic study of 34 X-Chromosome markers in 5 main ethnic groups of China. <i>Scientific Reports</i> , 2015, 5, 17711.	3.3	13
77	Developmental validation of an X-Insertion/Deletion polymorphism panel and application in HAN population of China. <i>Scientific Reports</i> , 2015, 5, 18336.	3.3	19
78	Species identification through pyrosequencing 12S rRNA gene. <i>Forensic Science International: Genetics Supplement Series</i> , 2015, 5, e561-e563.	0.3	2
79	Evaluation of HID-Ion Ampliseqâ„¢ panel in HAN population. <i>Forensic Science International: Genetics Supplement Series</i> , 2015, 5, e584-e586.	0.3	1
80	Intra-Monozygotic Twin Pair Discordance and Longitudinal Variation of Whole-Genome Scale DNA Methylation in Adults. <i>PLoS ONE</i> , 2015, 10, e0135022.	2.5	15
81	Association between indel polymorphism in the promoter region of lncRNA GAS5 and the risk of hepatocellular carcinoma. <i>Carcinogenesis</i> , 2015, 36, 1136-1143.	2.8	107
82	Development and validation of a new STR 25-plex typing system. <i>Forensic Science International: Genetics</i> , 2015, 17, 61-69.	3.1	30
83	Logical Framework of Forensic Identification: Ability to Resist Fabricated DNA. <i>Molecular Biotechnology</i> , 2015, 57, 1030-1037.	2.4	0
84	Phylogenetic analysis of She population from Fujian Province in China based on 26 Y-STR Loci*. <i>Forensic Science International: Genetics Supplement Series</i> , 2015, 5, e520-e523.	0.3	0
85	Differentiating between monozygotic twins in forensics through next generation mtGenome sequencing. <i>Forensic Science International: Genetics Supplement Series</i> , 2015, 5, e58-e59.	0.3	7
86	Differentiating between monozygotic twins through next-generation mitochondrial genome sequencing. <i>Analytical Biochemistry</i> , 2015, 490, 1-6.	2.4	22
87	Apoptosis Induced by Ginkgo biloba (EGb761) in Melanoma Cells Is Mcl-1-Dependent. <i>PLoS ONE</i> , 2015, 10, e0124812.	2.5	17
88	Development of a new 26plex Y-STRs typing system for forensic application. <i>Forensic Science International: Genetics</i> , 2014, 13, 112-120.	3.1	40
89	Population genetics of 30 insertionâ€“deletion polymorphisms in two Chinese populations using Qiagen InvestigatorA® DIPplex kit. <i>Forensic Science International: Genetics</i> , 2014, 11, e12-e14.	3.1	61
90	A new strategy for body source identification of tumor sample. <i>Forensic Science International: Genetics Supplement Series</i> , 2013, 4, e346-e347.	0.3	1

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91	Development of 30 InDel markers typing system and genetic analysis in five different Chinese populations. <i>Forensic Science International: Genetics Supplement Series</i> , 2013, 4, e188-e189.	0.3	0
92	Investigation of parent-of-origin SNPs in 5 imprinted genes for forensic purpose. <i>Forensic Science International: Genetics Supplement Series</i> , 2013, 4, e304-e305.	0.3	1
93	Differences of DNA methylation profiles between monozygotic twinsâ€™ blood samples. <i>Molecular Biology Reports</i> , 2013, 40, 5275-5280.	2.3	38
94	Development of the 16 X-STR loci typing system and genetic analysis in a Shanghai Han population from China. <i>Electrophoresis</i> , 2013, 34, 3008-3015.	2.4	19
95	Genetic polymorphisms in 12 autosomal STRs in a Shanghai Han population from China. <i>Electrophoresis</i> , 2013, 34, 613-617.	2.4	12
96	A New Multiplex Assay of 17 Autosomal STRs and Amelogenin for Forensic Application. <i>PLoS ONE</i> , 2013, 8, e57471.	2.5	18
97	Genetic analysis of the 11 X-STR loci in Uigur population from China. <i>Forensic Science International: Genetics</i> , 2012, 6, e139-e140.	3.1	3
98	Genetic polymorphisms of 12 X-STR for forensic purposes in Shanghai Han population from China. <i>Molecular Biology Reports</i> , 2012, 39, 5705-5707.	2.3	31
99	Maternity exclusion with a very high autosomal STRs kinship index. <i>International Journal of Legal Medicine</i> , 2012, 126, 645-648.	2.2	23
100	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> , 2012, 39, 3143-3152.	2.3	9
101	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> , 2011, 3, e335-e336.	0.3	3
102	Genetic analysis of the 11 X-STR loci in Uigur and Northern Han populations from China. <i>Forensic Science International: Genetics Supplement Series</i> , 2011, 3, e423-e424.	0.3	1
103	Application of insertion/deletion polymorphisms in human gastrointestinal tumour tissues for identification purpose. <i>Forensic Science International: Genetics Supplement Series</i> , 2011, 3, e297-e298.	0.3	5
104	Linkage disequilibrium analysis of 67 SNP loci on X chromosome. <i>Forensic Science International: Genetics Supplement Series</i> , 2011, 3, e431-e432.	0.3	1
105	UTI preventing DNA degradation of storing urinary samples for genotyping. <i>Forensic Science International: Genetics Supplement Series</i> , 2011, 3, e3-e4.	0.3	1
106	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> , 2011, 3, e337-e338.	0.3	19
107	Genetic polymorphism of 29 highly informative InDel markers for forensic use in the Chinese Han population. <i>Forensic Science International: Genetics</i> , 2011, 5, e27-e30.	3.1	27
108	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> , 2011, 125, 753-756.	2.2	13

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109	Analysis of 14 highly informative SNP markers on X chromosome by TaqMan <sup>®</sup> SNP genotyping assay. <i>Forensic Science International: Genetics</i> , 2010, 4, e145-e148.	3.1	25
110	Genetic polymorphism of 17 STR loci for forensic use in Chinese population from Shanghai in East China. <i>Forensic Science International: Genetics</i> , 2009, 3, e117-e118.	3.1	20
111	Evaluation of reliability of STR typing in human colon carcinomas tissues used for identification purpose. <i>Forensic Science International: Genetics Supplement Series</i> , 2009, 2, 8-9.	0.3	3
112	Allelic alterations of STRs in archival paraffin embedded tissue as DNA source for paternity testing. <i>Forensic Science International: Genetics Supplement Series</i> , 2009, 2, 12-13.	0.3	4
113	ABO genotyping by duplex amplification and oligonucleotide arrays assay. <i>Forensic Science International: Genetics Supplement Series</i> , 2009, 2, 131-133.	0.3	0
114	Application of HLA <sup>®</sup> DRB1 genotyping by oligonucleotide micro-array technology in forensic medicine. <i>Forensic Science International</i> , 2006, 162, 66-73.	2.2	14
115	Regulatory variation within 3 <sup>′</sup> UTR of STAT5A correlates with sudden cardiac death in Chinese populations. <i>Forensic Sciences Research</i> , 0, , 1-10.	1.6	0
116	Developmental validation of the novel six-dye Goldeneye <sup>™</sup> DNA <sup>®</sup> ID System 35InDel kit for forensic application. <i>Forensic Sciences Research</i> , 0, , 1-12.	1.6	1
117	Forensic parameters of 41 Y-STR loci in Shandong Han individuals and comparison with 42 other populations. <i>Forensic Sciences Research</i> , 0, , 1-3.	1.6	2
118	Investigation on the genetic-inconsistent paternity cases using the MiSeq FGx system. <i>Forensic Sciences Research</i> , 0, , 1-6.	1.6	0