

Chengtao Li

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117
papers

1,006
citations

17
h-index

26
g-index

120
ext. papers

1,217
ext. citations

3.1
avg, IF

4.1
L-index

#	Paper	IF	Citations
117	Association between indel polymorphism in the promoter region of lncRNA GAS5 and the risk of hepatocellular carcinoma. <i>Carcinogenesis</i> , 2015 , 36, 1136-43	4.4	86
116	Revisiting the male genetic landscape of China: a multi-center study of almost 38,000 Y-STR haplotypes. <i>Human Genetics</i> , 2017 , 136, 485-497	6	52
115	Population genetics of 30 insertion-deletion polymorphisms in two Chinese populations using Qiagen Investigator [®] DIPplex kit. <i>Forensic Science International: Genetics</i> , 2014 , 11, e12-4	4.3	42
114	Massively parallel sequencing of 32 forensic markers using the Precision ID GlobalFiler [®] NGS STR Panel and the Ion PGM [™] System. <i>Forensic Science International: Genetics</i> , 2017 , 31, 126-134	4.3	40
113	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
112	Developmental Validation of the Huaxia Platinum System and application in 3 main ethnic groups of China. <i>Scientific Reports</i> , 2016 , 6, 31075	4.7	34
111	Differences of DNA methylation profiles between monozygotic twins' blood samples. <i>Molecular Biology Reports</i> , 2013 , 40, 5275-80	2.7	33
110	Genetic polymorphisms of 12 X-STR for forensic purposes in Shanghai Han population from China. <i>Molecular Biology Reports</i> , 2012 , 39, 5705-7	2.7	29
109	Analysis of genetic admixture in Uyghur using the 26 Y-STR loci system. <i>Scientific Reports</i> , 2016 , 6, 19998	4.7	27
108	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	4.3	27
107	Characterization of microRNA expression profiles in blood and saliva using the Ion Personal Genome Machine (PGM) System (Ion PGM System). <i>Forensic Science International: Genetics</i> , 2016 , 20, 140-146	4.3	26
106	Development and validation of a new STR 25-plex typing system. <i>Forensic Science International: Genetics</i> , 2015 , 17, 61-69	4.3	24
105	Genetic polymorphism of 29 highly informative InDel markers for forensic use in the Chinese Han population. <i>Forensic Science International: Genetics</i> , 2011 , 5, e27-30	4.3	22
104	Maternity exclusion with a very high autosomal STRs kinship index. <i>International Journal of Legal Medicine</i> , 2012 , 126, 645-8	3.1	20
103	Developmental validation of an X-Insertion/Deletion polymorphism panel and application in HAN population of China. <i>Scientific Reports</i> , 2015 , 5, 18336	4.7	18
102	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	2.6	18
101	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, e117-8	4.3	18

100	Parallel Analysis of 124 Universal SNPs for Human Identification by Targeted Semiconductor Sequencing. <i>Scientific Reports</i> , 2015 , 5, 18683	4.7	17
99	Development of the 16 X-STR loci typing system and genetic analysis in a Shanghai Han population from China. <i>Electrophoresis</i> , 2013 , 34, 3008-15	3.4	17
98	Analysis of 14 highly informative SNP markers on X chromosome by TaqMan SNP genotyping assay. <i>Forensic Science International: Genetics</i> , 2010 , 4, e145-8	4.3	17
97	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	4.3	17
96	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
95	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	0.5	14
94	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	4.7	15
93	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	4.3	15
92	Apoptosis induced by Ginkgo biloba (EGb761) in melanoma cells is Mcl-1-dependent. <i>PLoS ONE</i> , 2015 , 10, e0124812	3.6	13
91	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	4.3	14
90	A new multiplex assay of 17 autosomal STRs and Amelogenin for forensic application. <i>PLoS ONE</i> , 2013 , 8, e57471	3.6	14
89	Application of HLA-DRB1 genotyping by oligonucleotide micro-array technology in forensic medicine. <i>Forensic Science International</i> , 2006 , 162, 66-73	2.6	13
88	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
87	Separation/extraction, detection, and interpretation of DNA mixtures in forensic science (review). <i>International Journal of Legal Medicine</i> , 2018 , 132, 1247-1261	3.1	13
86	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, 753-6	3.1	13
85	Differentiating between monozygotic twins through next-generation mitochondrial genome sequencing. <i>Analytical Biochemistry</i> , 2015 , 490, 1-6	3	9
84	Genetic polymorphisms in 12 autosomal STRs in a Shanghai Han population from China. <i>Electrophoresis</i> , 2013 , 34, 613-7	3.4	11
83	Intra-Monozygotic Twin Pair Discordance and Longitudinal Variation of Whole-Genome Scale DNA Methylation in Adults. <i>PLoS ONE</i> , 2015 , 10, e0135022	3.6	11

82	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
81	Population genetic study of 34 X-Chromosome markers in 5 main ethnic groups of China. <i>Scientific Reports</i> , 2015 , 5, 17711	4.7	10
80	An indel polymorphism within pre-miR3131 confers risk for hepatocellular carcinoma. <i>Carcinogenesis</i> , 2017 , 38, 168-176	4.4	9
79	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	1.9	9
78	Development and validation of a novel SiFaSTR 23-plex system. <i>Electrophoresis</i> , 2019 , 40, 2644-2654	3.4	8
77	A common indel polymorphism of the Desmoglein-2 (DSG2) is associated with sudden cardiac death in Chinese populations. <i>Forensic Science International</i> , 2019 , 301, 382-387	2.6	8
76	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	1.7	8
75	Development and validation of a novel 29-plex Y-STR typing system for forensic application. <i>Forensic Science International: Genetics</i> , 2020 , 44, 102169	4.3	7
74	Population genetics of 30 insertion/deletion polymorphisms in Han Chinese population from Zhejiang Province. <i>Forensic Science International: Genetics</i> , 2017 , 28, e33-e35	4.3	7
73	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
72	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	4.3	6
71	Genetic characterization of 21 autosomal STR loci of GoldeneyeDNA ID 22NC Kit in Chinese She group. <i>Legal Medicine</i> , 2019 , 39, 45-48	1.9	5
70	Forensic investigation of 23 autosomal STRs and application in Han and Mongolia ethnic groups. <i>Forensic Sciences Research</i> , 2018 , 3, 138-144	3.6	5
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	3.6	5
68	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, 3143-52	2.7	5
67	Development and validation of a multiplex insertion/deletion marker panel, SifaInDel 45plex system. <i>Forensic Science International: Genetics</i> , 2019 , 41, 128-136	4.3	4
66	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	4.3	4
65	Sequence investigation of 34 forensic autosomal STRs with massively parallel sequencing. <i>Scientific Reports</i> , 2018 , 8, 6810	4.7	4

64	Characterization of the extra copy of TPOX locus with tri-allelic pattern. <i>BMC Genetics</i> , 2019 , 20, 18	2.5	4
63	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	4.3	4
62	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	0.5	4
61	Detecting genetic hypermutability of gastrointestinal tumor by using a forensic STR kit. <i>Frontiers of Medicine</i> , 2020 , 14, 101-111	11.7	4
60	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	1.7	4
59	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	0.5	4
58	Genetic polymorphisms in 16 X-STR loci analyzed in the She population from Zhejiang Province, China. <i>Legal Medicine</i> , 2019 , 39, 25-28	1.9	3
57	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	3.6	3
56	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	3
55	Genetic analysis of the 11 X-STR loci in Uigur population from China. <i>Forensic Science International: Genetics</i> , 2012 , 6, e139-40	4.3	3
54	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	3.1	3
53	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> , 2021 , 52, 102490	4.3	3
52	Analytical validation of an RI sample cartridge with the RapidHIT ID system. <i>International Journal of Legal Medicine</i> , 2021 , 135, 1257-1265	3.1	3
51	Investigation of an Alternative Marker for Hypermutability Evaluation in Different Tumors. <i>Genes</i> , 2021 , 12,	4	3
50	Species identification through pyrosequencing 12S rRNA gene. <i>Forensic Science International: Genetics Supplement Series</i> , 2015 , 5, e561-e563	0.5	2
49	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	0.5	2
48	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	4.3	2
47	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	2.6	2

46	Evaluating the amplification efficiency of the MALBAC [®] single-cell DNA Kit for trace DNA. <i>Forensic Science International: Genetics Supplement Series</i> , 2019 , 7, 351-352	0.5	1
45	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> , 2019 , 1-9	3.6	1
44	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	4.3	1
43	A new strategy for body source identification of tumor sample. <i>Forensic Science International: Genetics Supplement Series</i> , 2013 , 4, e346-e347	0.5	1
42	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	0.5	1
41	Evaluation of HID-Ion Ampliseq [®] panel in HAN population. <i>Forensic Science International: Genetics Supplement Series</i> , 2015 , 5, e584-e586	0.5	1
40	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	0.5	1
39	Linkage disequilibrium analysis of 67 SNP loci on X chromosome. <i>Forensic Science International: Genetics Supplement Series</i> , 2011 , 3, e431-e432	0.5	1
38	UTI preventing DNA degradation of storing urinary samples for genotyping. <i>Forensic Science International: Genetics Supplement Series</i> , 2011 , 3, e3-e4	0.5	1
37	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	3.4	1
36	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	1.9	1
35	STRsearch: a new pipeline for targeted profiling of short tandem repeats in massively parallel sequencing data. <i>Hereditas</i> , 2020 , 157, 8	2.3	1
34	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	0.5	1
33	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	0.5	1
32	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	0.5	1
31	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	0.5	1
30	Genetic characterization of four dog breeds with Illumina CanineHD BeadChip. <i>Forensic Sciences Research</i> , 2019 , 4, 354-357	3.6	0
29	Calculation of the Paternity Index for STR with tri-allelic patterns in paternity testing. <i>Forensic Science International</i> , 2021 , 324, 110832	2.6	0

28	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> , 2022 , 56, 102599	4.3	○
27	Development and validation of a forensic six-dye multiplex assay with 29 STR loci. <i>Electrophoresis</i> , 2021 , 42, 1419-1430	3.4	○
26	Pairwise kinship analysis of 17 pedigrees using massively parallel sequencing.. <i>Forensic Science International: Genetics</i> , 2021 , 57, 102647	4.3	○
25	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	2.6	○
24	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	4.3	
23	Logical Framework of Forensic Identification: Ability to Resist Fabricated DNA. <i>Molecular Biotechnology</i> , 2015 , 57, 1030-7	3	
22	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	0.5	
21	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	2.7	
20	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	0.5	
19	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	1.7	
18	Parallel sequencing of 48 Y-chromosome STR and SNP markers. <i>Forensic Science International: Genetics Supplement Series</i> , 2019 , 7, 347-348	0.5	
17	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	0.5	
16	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	0.5	
15	Genome-wide copy number variation analysis in monozygotic twins. <i>Forensic Science International: Genetics Supplement Series</i> , 2017 , 6, e218-e220	0.5	
14	Validation studies of the ParaDNA Intelligence System with artificial evidence items. <i>Forensic Sciences Research</i> , 2019 , 6, 84-91	3.6	
13	Regulatory variation within 3'UTR of STAT5A correlates with sudden cardiac death in Chinese populations. <i>Forensic Sciences Research</i> , 1-10	3.6	
12	Development of forensic standards in China: a review.. <i>Forensic Sciences Research</i> , 2022 , 7, 1-10	3.6	
11	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	

10	Multi-locus identification of <i>Psilocybe cubensis</i> by high-resolution melting (HRM). <i>Forensic Sciences Research</i> ,1-8	3.6
9	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	5.2
8	ABO genotyping by duplex amplification and oligonucleotide arrays assay. <i>Forensic Science International: Genetics Supplement Series</i> , 2009 , 2, 131-133	0.5
7	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> , 2022 , 13, 837945	6
6	Investigation on the genetic-inconsistent paternity cases using the MiSeq FGx system. <i>Forensic Sciences Research</i> ,1-6	3.6
5	Novel Indel Variation of NPC1 Gene Associates With Risk of Sudden Cardiac Death.. <i>Frontiers in Genetics</i> , 2022 , 13, 869859	4.4
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
3	Opportunity of Next-Generation Sequencing-Based Short Tandem Repeat System for Tumor Source Identification.. <i>Frontiers in Oncology</i> , 2022 , 12, 800028	5.1
2	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	0.5
1	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