

Ruiyang Tao

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

241
citations

1162367

8
h-index

1125271

13
g-index

30
all docs

30
docs citations

30
times ranked

188
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.6	35
2	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.	1.6	30
3	Separation/extraction, detection, and interpretation of DNA mixtures in forensic science (review). <i>International Journal of Legal Medicine</i> , 2018, 132, 1247-1261.	1.2	20
4	Expression profile analysis of piwi-interacting RNA in forensically relevant biological fluids. <i>Forensic Science International: Genetics</i> , 2019, 42, 171-180.	1.6	17
5	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.	1.6	16
6	Development and validation of a multiplex insertion/deletion marker panel, SifaInDel 45plex system. <i>Forensic Science International: Genetics</i> , 2019, 41, 128-136.	1.6	12
7	Development and validation of a novel SiFaSTR [™] 23 [®] plex system. <i>Electrophoresis</i> , 2019, 40, 2644-2654.	1.3	10
8	Parallel sequencing of 87 STR and 294 SNP markers using the prototype of the SifaMPS panel on the MiSeq FG [®] , [®] system. <i>Forensic Science International: Genetics</i> , 2021, 52, 102490.	1.6	10
9	Analytical validation of an RI sample cartridge with the RapidHIT [®] ID system. <i>International Journal of Legal Medicine</i> , 2021, 135, 1257-1265.	1.2	9
10	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.	1.6	7
11	Quantitative analysis of noncoding RNA from paired fresh and formalin-fixed paraffin-embedded brain tissues. <i>International Journal of Legal Medicine</i> , 2020, 134, 873-884.	1.2	7
12	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.	1.6	7
13	Pairwise kinship analysis of 17 pedigrees using massively parallel sequencing. <i>Forensic Science International: Genetics</i> , 2021, 57, 102647.	1.6	7
14	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.	0.6	6
15	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.	1.6	6
16	Mass spectrometry-based SNP genotyping as a potential tool for ancestry inference and human identification in Chinese Han and Uyгур populations. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2019, 59, 228-233.	1.3	6
17	Development and validation of a forensic six [®] dye multiplex assay with 29 STR loci. <i>Electrophoresis</i> , 2021, 42, 1419-1430.	1.3	6
18	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.	0.9	5

#	ARTICLE	IF	CITATIONS
19	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.	1.6	5
20	Genetic polymorphisms in 16 X-STR loci analyzed in the She population from Zhejiang Province, China. <i>Legal Medicine</i> , 2019, 39, 25-28.	0.6	4
21	Expression profile analysis and stability evaluation of 18 small RNAs in the Chinese Han population. <i>Electrophoresis</i> , 2020, 41, 2021-2028.	1.3	4
22	Genetic polymorphisms of 21 STR loci of GoldenGate DNA ID 22NC kit in five ethnic groups of China. <i>Forensic Sciences Research</i> , 2019, 4, 348-350.	0.9	3
23	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.	0.5	2
24	Validation studies of the ParaDNA Intelligence System with artificial evidence items. <i>Forensic Sciences Research</i> , 2021, 6, 84-91.	0.9	2
25	Multi-Locus Identification of <i>Psilocybe Cubensis</i> by High-Resolution Melting (HRM). <i>Forensic Sciences Research</i> , 2022, 7, 490-497.	0.9	2
26	Opportunity of Next-Generation Sequencing-Based Short Tandem Repeat System for Tumor Source Identification. <i>Frontiers in Oncology</i> , 2022, 12, 800028.	1.3	2
27	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.	1.6	1
28	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.	1.0	0
29	Parallel sequencing of 48 Y-chromosome STR and SNP markers. <i>Forensic Science International: Genetics Supplement Series</i> , 2019, 7, 347-348.	0.1	0
30	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.	1.3	0