

# Ruiyang Tao

## List of Publications by Citations

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30  
papers

124  
citations

6  
h-index

10  
g-index

30  
ext. papers

176  
ext. citations

3.5  
avg, IF

2.65  
L-index

#	Paper	IF	Citations
30	Pilot study for forensic evaluations of the Precision ID GlobalFiler <sup>®</sup> NGS STR Panel v2 with the Ion S5 <sup>™</sup> system. <i>Forensic Science International: Genetics</i> , <b>2019</b> , 43, 102147	4.3	16
29	The potential use of Piwi-interacting RNA biomarkers in forensic body fluid identification: A proof-of-principle study. <i>Forensic Science International: Genetics</i> , <b>2019</b> , 39, 129-135	4.3	16
28	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
27	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
26	Expression profile analysis of piwi-interacting RNA in forensically relevant biological fluids. <i>Forensic Science International: Genetics</i> , <b>2019</b> , 42, 171-180	4.3	9
25	Development and validation of a novel SiFaSTR 23-plex system. <i>Electrophoresis</i> , <b>2019</b> , 40, 2644-2654	3.6	8
24	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
23	Genetic characterization of 21 autosomal STR loci of Goldeneye <sup>™</sup> DNA ID 22NC Kit in Chinese She group. <i>Legal Medicine</i> , <b>2019</b> , 39, 45-48	1.9	5
22	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
21	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
20	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
19	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
18	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
17	Genetic polymorphisms of 21 STR loci of Goldeneye <sup>™</sup> DNA ID 22NC kit in five ethnic groups of China. <i>Forensic Sciences Research</i> , <b>2019</b> , 4, 348-350	3.6	3
16	Quantitative analysis of noncoding RNA from paired fresh and formalin-fixed paraffin-embedded brain tissues. <i>International Journal of Legal Medicine</i> , <b>2020</b> , 134, 873-884	3.1	3
15	Parallel sequencing of 87 STR and 294 SNP markers using the prototype of the SifaMPS panel on the MiSeq FGx <sup>™</sup> system. <i>Forensic Science International: Genetics</i> , <b>2021</b> , 52, 102490	4.3	3
14	Analytical validation of an RI sample cartridge with the RapidHIT <sup>™</sup> ID system. <i>International Journal of Legal Medicine</i> , <b>2021</b> , 135, 1257-1265	3.1	3

13	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
12	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
11	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
10	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
9	Pairwise kinship analysis of 17 pedigrees using massively parallel sequencing.. <i>Forensic Science International: Genetics</i> , <b>2021</b> , 57, 102647	4.3	0
8	Expression profile analysis and stability evaluation of 18 small RNAs in the Chinese Han population. <i>Electrophoresis</i> , <b>2020</b> , 41, 2021-2028	3.6	0
7	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
6	Validation studies of the ParaDNA Intelligence System with artificial evidence items. <i>Forensic Sciences Research</i> , <b>2019</b> , 6, 84-91	3.6	0
5	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, 2541-2548	2.8	0
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> , <b>2022</b> , 62, 50-59	2	0
3	Multi-locus identification of <i>Psilocybe cubensis</i> by high-resolution melting (HRM). <i>Forensic Sciences Research</i> , 1-8	3.6	0
2	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	0
1	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	0