Rebecca Just

List of Publications by Year
in descending order

33 papers	1,280 citations	430874 18 h-index	395702 33 g-index
33 all docs	33 docs citations	33 times ranked	1038 citing authors

#	Article	IF	Citations
1	Single nucleotide polymorphisms over the entire mtDNA genome that increase the power of forensic testing in Caucasians. International Journal of Legal Medicine, 2004, 118, 137-146.	2.2	195
2	A multiplex allele-specific primer extension assay for forensically informative SNPs distributed throughout the mitochondrial genome. International Journal of Legal Medicine, 2004, 118, 147-157.	2.2	125
3	Mitochondrial DNA heteroplasmy in the emerging field of massively parallel sequencing. Forensic Science International: Genetics, 2015, 18, 131-139.	3.1	118
4	Full mtGenome reference data: Development and characterization of 588 forensic-quality haplotypes representing three U.S. populations. Forensic Science International: Genetics, 2015, 14, 141-155.	3.1	78
5	Performance and concordance of the ForenSeqâ„¢ system for autosomal and Y chromosome short tandem repeat sequencing of reference-type specimens. Forensic Science International: Genetics, 2017, 28, 1-9.	3.1	76
6	Internal validation of STRmixâ„¢ for the interpretation of single source and mixed DNA profiles. Forensic Science International: Genetics, 2017, 29, 126-144.	3.1	74
7	Short tandem repeat typing on the 454 platform: Strategies and considerations for targeted sequencing of common forensic markers. Forensic Science International: Genetics, 2014, 12, 107-119.	3.1	68
8	Development and expansion of high-quality control region databases to improve forensic mtDNA evidence interpretation. Forensic Science International: Genetics, 2007, 1, 154-157.	3.1	49
9	Validation of NGS for mitochondrial DNA casework at the FBI Laboratory. Forensic Science International: Genetics, 2020, 44, 102151.	3.1	48
10	Complete mitochondrial genome sequences for 265 African American and U.S. â€œHispanicâ€•individuals. Forensic Science International: Genetics, 2008, 2, e45-e48.	3.1	38
11	DNA Identification of â€œEarthquake McGoonâ€•50â€ƒYears Postmortem. Journal of Forensic Sciences, 2007, 52, 1115-1118.	1.6	37
12	Effective strategies for forensic analysis in the mitochondrial DNA coding region. International Journal of Legal Medicine, 2006, 120, 27-32.	2.2	34
13	A closer look at Verogen's Forenseqâ„¢ DNA Signature Prep kit autosomal and Yâ€STR data for streamlined analysis of routine reference samples. Electrophoresis, 2018, 39, 2685-2693.	2.4	34
14	mtGenome reference population databases and the future of forensic mtDNA analysis. Forensic Science International: Genetics, 2011, 5, 222-225.	3.1	33
15	The Use of Mitochondrial DNA Single Nucleotide Polymorphisms to Assist in the Resolution of Three Challenging Forensic Cases. Journal of Forensic Sciences, 2009, 54, 887-891.	1.6	32
16	Use of the LUS in sequence allele designations to facilitate probabilistic genotyping of NGS-based STR typing results. Forensic Science International: Genetics, 2018, 34, 197-205.	3.1	29
17	Questioning the prevalence and reliability of human mitochondrial DNA heteroplasmy from massively parallel sequencing data. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4546-7.	7.1	25
18	Assessing the potential of next generation sequencing technologies for missing persons identification efforts. Forensic Science International: Genetics Supplement Series, 2011, 3, e447-e448.	0.3	19

#	Article	IF	Citations
19	Short tandem repeat sequencing on the 454 platform. Forensic Science International: Genetics Supplement Series, 2011, 3, e357-e358.	0.3	18
20	Characterization of a modified amplification approach for improved STR recovery from severely degraded skeletal elements. Forensic Science International: Genetics, 2012, 6, 578-587.	3.1	18
21	Development of forensic-quality full mtGenome haplotypes: Success rates with low template specimens. Forensic Science International: Genetics, 2014, 10, 73-79.	3.1	18
22	Titanic's unknown child: The critical role of the mitochondrial DNA coding region in a re-identification effort. Forensic Science International: Genetics, 2011, 5, 231-235.	3.1	17
23	Mitochondrial control region sequences from a U.S. â€œHispanicâ€•population sample. Forensic Science International: Genetics, 2008, 2, e19-e23.	3.1	15
24	Mitochondrial control region sequences from an African American population sample. Forensic Science International: Genetics, 2009, 4, e45-e52.	3.1	15
25	Identification of West Eurasian mitochondrial haplogroups by mtDNA SNP screening: Results of the 2006â€“2007 EDNAP collaborative exercise. Forensic Science International: Genetics, 2008, 2, 61-68.	3.1	13
26	Sequence-based autosomal STR characterization in four US populations using PowerSeqâ„¢ Auto/Y system. Forensic Science International: Genetics, 2020, 48, 102311.	3.1	11
27	The mitochondrial landscape of African Americans: An examination of more than 2500 control region haplotypes from 22 U.S. locations. Forensic Science International: Genetics, 2016, 22, 139-148.	3.1	10
28	An examination of STR nomenclatures, filters and models for MPS mixture interpretation. Forensic Science International: Genetics, 2020, 48, 102319.	3.1	10
29	Modeling allelic analyte signals for aSTRs in NGS DNA profiles. Journal of Forensic Sciences, 2021, 66, 1234-1245.	1.6	8
30	Variability and additivity of read counts for aSTRs in NGS DNA profiles. Forensic Science International: Genetics, 2020, 48, 102351.	3.1	5
31	The application of mtDNA SNPs to a forensic case. Forensic Science International: Genetics Supplement Series, 2008, 1, 295-297.	0.3	4
32	Evaluation of automatable silica-based extraction methods for low quantity samples. Forensic Science International: Genetics Supplement Series, 2011, 3, e504-e505.	0.3	4
33	Automation of high volume MPS mixture interpretation using CaseSolver. Forensic Science International: Genetics Supplement Series, 2019, 7, 14-15.	0.3	2