

# Jennifer Churchill Cihlar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2296672/publications.pdf>

Version: 2024-02-01

28  
papers

1,124  
citations

471509

17  
h-index

477307

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1019  
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of the Applied Biosystems RapidHIT ID instrument and ACE GlobalFiler Express sample cartridge. <i>International Journal of Legal Medicine</i> , 2022, 136, 13-41.	2.2	9
2	Evolution of single nucleotide polymorphism use in forensic genetics. <i>Wiley Interdisciplinary Reviews Forensic Science</i> , 2022, 4, .	2.1	5
3	A Continuous Statistical Phasing Framework for the Analysis of Forensic Mitochondrial DNA Mixtures. <i>Genes</i> , 2021, 12, 128.	2.4	10
4	International Wildlife Trafficking: A perspective on the challenges and potential forensic genetics solutions. <i>Forensic Science International: Genetics</i> , 2021, 54, 102551.	3.1	20
5	Distinguishing mitochondrial DNA and NUMT sequences amplified with the precision ID mtDNA whole genome panel. <i>Mitochondrion</i> , 2020, 55, 122-133.	3.4	24
6	Developmental Validation of a MPS Workflow with a PCR-Based Short Amplicon Whole Mitochondrial Genome Panel. <i>Genes</i> , 2020, 11, 1345.	2.4	30
7	Numt identification and removal with RtN!. <i>Bioinformatics</i> , 2020, 36, 5115-5116.	4.1	18
8	The lot-to-lot variability in the mitochondrial genome of controls. <i>Forensic Science International: Genetics</i> , 2020, 47, 102298.	3.1	6
9	Evaluation of mitogenome sequence concordance, heteroplasmy detection, and haplogrouping in a worldwide lineage study using the Precision ID mtDNA Whole Genome Panel. <i>Forensic Science International: Genetics</i> , 2019, 42, 244-251.	3.1	37
10	Massively parallel sequencing-enabled mixture analysis of mitochondrial DNA samples. <i>International Journal of Legal Medicine</i> , 2018, 132, 1263-1272.	2.2	36
11	Increasing the discrimination power of ancestry- and identity-informative SNP loci within the ForenSeq <sup>®</sup> , <sup>®</sup> DNA Signature Prep Kit. <i>Forensic Science International: Genetics</i> , 2018, 36, 60-76.	3.1	41
12	Flanking region variation of ForenSeq <sup>®</sup> , <sup>®</sup> DNA Signature Prep Kit STR and SNP loci in Yavapai Native Americans. <i>Forensic Science International: Genetics</i> , 2017, 28, 146-154.	3.1	60
13	Parsing apart the contributors of mitochondrial DNA mixtures with massively parallel sequencing data. <i>Forensic Science International: Genetics Supplement Series</i> , 2017, 6, e439-e441.	0.3	5
14	Working towards implementation of whole genome mitochondrial DNA sequencing into routine casework. <i>Forensic Science International: Genetics Supplement Series</i> , 2017, 6, e388-e389.	0.3	14
15	Population and performance analyses of four major populations with Illumina <sup>®</sup> ™s FGx Forensic Genomics System. <i>Forensic Science International: Genetics</i> , 2017, 30, 81-92.	3.1	70
16	Analysis of Short Tandem Repeat and Single Nucleotide Polymorphism Loci From Single-Source Samples Using a Custom HaloPlex Target Enrichment System Panel. <i>American Journal of Forensic Medicine and Pathology</i> , 2016, 37, 99-107.	0.8	16
17	Massively parallel sequencing of 68 insertion/deletion markers identifies novel microhaplotypes for utility in human identity testing. <i>Forensic Science International: Genetics</i> , 2016, 25, 198-209.	3.1	29
18	Characterization of genetic sequence variation of 58 STR loci in four major population groups. <i>Forensic Science International: Genetics</i> , 2016, 25, 214-226.	3.1	138

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19	More comprehensive forensic genetic marker analyses for accurate human remains identification using massively parallel DNA sequencing. <i>BMC Genomics</i> , 2016, 17, 750.	2.8	47
20	The Next State-of-the-Art Forensic Genetics Technology: Massively Parallel Sequencing. <i>Security Science and Technology</i> , 2016, , 249-291.	0.5	1
21	Genetic analysis of the Yavapai Native Americans from West-Central Arizona using the Illumina MiSeq FGxâ,,ç forensic genomics system. <i>Forensic Science International: Genetics</i> , 2016, 24, 18-23.	3.1	68
22	Effects of the Ion PGMâ,,ç Hi-Qâ,,ç sequencing chemistry on sequence data quality. <i>International Journal of Legal Medicine</i> , 2016, 130, 1169-1180.	2.2	28
23	Evaluation of the Illumina Â® Beta Version ForenSeqâ,,ç DNA Signature Prep Kit for use in genetic profiling. <i>Forensic Science International: Genetics</i> , 2016, 20, 20-29.	3.1	185
24	Empirical testing of a 23-AIMs panel of SNPs for ancestry evaluations in four major US populations. <i>International Journal of Legal Medicine</i> , 2016, 130, 891-896.	2.2	8
25	Novel Y-chromosome Short Tandem Repeat Variants Detected Through the Use of Massively Parallel Sequencing. <i>Genomics, Proteomics and Bioinformatics</i> , 2015, 13, 250-257.	6.9	28
26	Blind study evaluation illustrates utility of the Ion PGMâ,,ç system for use in human identity DNA typing. <i>Croatian Medical Journal</i> , 2015, 56, 218-229.	0.7	37
27	Exome-Based Mapping and Variant Prioritization for Inherited Mendelian Disorders. <i>American Journal of Human Genetics</i> , 2014, 94, 373-384.	6.2	37
28	Mutations in the X-Linked Retinitis Pigmentosa Genes <i>RPGR</i> and <i>RP2</i> Found in 8.5% of Families with a Provisional Diagnosis of Autosomal Dominant Retinitis Pigmentosa. , 2013, 54, 1411.		113