

# John M Butler

## List of Publications by Year in descending order

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53  
papers

4,748  
citations

172207

29  
h-index

329751

37  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2904  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetics and Genomics of Core Short Tandem Repeat Loci Used in Human Identity Testing. <i>Journal of Forensic Sciences</i> , 2006, 51, 253-265.	0.9	536
2	AutoDimer: a screening tool for primer-dimer and hairpin structures. <i>BioTechniques</i> , 2004, 37, 226-231.	0.8	411
3	The Development of Reduced Size STR Amplicons as Tools for Analysis of Degraded DNA. <i>Journal of Forensic Sciences</i> , 2003, 48, 1-11.	0.9	335
4	Characterization of New MiniSTR Loci to Aid Analysis of Degraded DNA. <i>Journal of Forensic Sciences</i> , 2005, 50, 1-11.	0.9	254
5	Short tandem repeat typing technologies used in human identity testing. <i>BioTechniques</i> , 2007, 43, Sii-Sv.	0.8	213
6	Forensic DNA typing by capillary electrophoresis using the ABI Prism 310 and 3100 genetic analyzers for STR analysis. <i>Electrophoresis</i> , 2004, 25, 1397-1412.	1.3	207
7	Publication of population data for forensic purposes. <i>Forensic Science International: Genetics</i> , 2010, 4, 145-147.	1.6	195
8	Massively parallel sequencing of forensic STRs: Considerations of the DNA commission of the International Society for Forensic Genetics (ISFG) on minimal nomenclature requirements. <i>Forensic Science International: Genetics</i> , 2016, 22, 54-63.	1.6	190
9	A novel multiplex for simultaneous amplification of 20 Y chromosome STR markers. <i>Forensic Science International</i> , 2002, 129, 10-24.	1.3	167
10	STR allele sequence variation: Current knowledge and future issues. <i>Forensic Science International: Genetics</i> , 2015, 18, 118-130.	1.6	155
11	The future of forensic DNA analysis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140252.	1.8	145
12	Update of the guidelines for the publication of genetic population data. <i>Forensic Science International: Genetics</i> , 2014, 10, A1-A2.	1.6	144
13	New guidelines for the publication of genetic population data. <i>Forensic Science International: Genetics</i> , 2013, 7, 217-220.	1.6	142
14	STRs vs. SNPs: thoughts on the future of forensic DNA testing. <i>Forensic Science, Medicine, and Pathology</i> , 2007, 3, 200-205.	0.6	140
15	U.S. population data for 29 autosomal STR loci. <i>Forensic Science International: Genetics</i> , 2013, 7, e82-e83.	1.6	135
16	Revised guidelines for the publication of genetic population data. <i>Forensic Science International: Genetics</i> , 2017, 30, 160-163.	1.6	135
17	The development of reduced size STR amplicons as tools for analysis of degraded DNA. <i>Journal of Forensic Sciences</i> , 2003, 48, 1054-64.	0.9	130
18	A multiplex allele-specific primer extension assay for forensically informative SNPs distributed throughout the mitochondrial genome. <i>International Journal of Legal Medicine</i> , 2004, 118, 147-157.	1.2	125

#	ARTICLE	IF	CITATIONS
19	Allele Frequencies for 15 Autosomal STR Loci on U.S. Caucasian, African American, and Hispanic Populations*. Journal of Forensic Sciences, 2003, 48, 1-4.	0.9	124
20	Characterization of 26 MiniSTR Loci for Improved Analysis of Degraded DNA Samples. Journal of Forensic Sciences, 2008, 53, 73-80.	0.9	122
21	Concordance and population studies along with stutter and peak height ratio analysis for the PowerPlex® ESX 17 and ESI 17 Systems. Forensic Science International: Genetics, 2011, 5, 269-275.	1.6	96
22	A 26plex Autosomal STR Assay to Aid Human Identity Testing*. Journal of Forensic Sciences, 2009, 54, 1008-1015.	0.9	83
23	STR sequence analysis for characterizing normal, variant, and null alleles. Forensic Science International: Genetics, 2011, 5, 329-332.	1.6	75
24	High-throughput Y-STR typing of U.S. populations with 27 regions of the Y chromosome using two multiplex PCR assays. Forensic Science International, 2004, 139, 107-121.	1.3	67
25	Multiplex PCR design strategy used for the simultaneous amplification of 10ÅY chromosome short tandem repeat (STR) loci. Analytical and Bioanalytical Chemistry, 2003, 375, 333-343.	1.9	63
26	Demonstration of rapid multiplex PCR amplification involving 16 genetic loci. Forensic Science International: Genetics, 2008, 3, 42-45.	1.6	52
27	Haplotype data for 23 Y-chromosome markers in four U.S. population groups. Forensic Science International: Genetics, 2013, 7, e66-e68.	1.6	51
28	Allele frequencies for 27 Y-STR loci with U.S. Caucasian, African American, and Hispanic samples. Forensic Science International, 2006, 156, 250-260.	1.3	45
29	U.S. initiatives to strengthen forensic science & international standards in forensic DNA. Forensic Science International: Genetics, 2015, 18, 4-20.	1.6	41
30	Rapid mitochondrial DNA typing using restriction enzyme digestion of polymerase chain reaction amplications followed by capillary electrophoresis separation with laser-induced fluorescence detection. Electrophoresis, 1998, 19, 119-124.	1.3	26
31	Allele frequencies for 15 autosomal STR loci on U.S. Caucasian, African American, and Hispanic populations. Journal of Forensic Sciences, 2003, 48, 908-11.	0.9	24
32	Chromosomal duplications along the Y-chromosome and their potential impact on Y-STR interpretation. Journal of Forensic Sciences, 2005, 50, 853-9.	0.9	22
33	Constructing STR Multiplex Assays. , 2005, 297, 053-066.		20
34	Short Tandem Repeat (STR) Loci and Kits. , 2012, , 99-139.		13
35	PCR Amplification. , 2012, , 69-97.		10
36	Data Interpretation Overview. , 2015, , 3-24.		8

#	ARTICLE	IF	CITATIONS
37	Duplication of DYS19 flanking regions in other parts of the Y chromosome. International Journal of Legal Medicine, 2004, 118, 178-183.	1.2	7
38	STR Alleles and Amplification Artifacts. , 2015, , 47-86.		7
39	Forensic DNA Testing. Cold Spring Harbor Protocols, 2011, 2011, pdb.top066928.	0.2	6
40	New resources for the forensic genetics community available on the NIST STRBase website. Forensic Science International: Genetics Supplement Series, 2008, 1, 97-99.	0.1	5
41	Y-Chromosome DNA Testing. , 2012, , 371-403.		5
42	DNA Databases. , 2012, , 213-270.		4
43	X-Chromosome Analysis. , 2012, , 457-472.		4
44	STR Profiles. , 2015, , 109-127.		2
45	STR Population Data Analysis. , 2015, , 239-279.		2
46	Locus-specific brackets for reliable typing of Y-chromosome short tandem repeat markers. Electrophoresis, 2005, 26, 2583-2590.	1.3	1
47	Short Tandem Repeat Markers. , 2010, , 147-173.		1
48	STR Genotyping and Data Interpretation. , 2010, , 205-227.		1
49	Lineage Markers. , 2010, , 363-396.		1
50	Some Journal Metrics for Forensic Science International: Genetics. Forensic Science International: Genetics Supplement Series, 2013, 4, e89-e90.	0.1	1
51	DNA Databases. , 2010, , 259-289.		0
52	STR Genotypes. , 2015, , 87-108.		0
53	Lineage Marker Statistics. , 2015, , 403-444.		0