

Bruce Budowle

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

247
papers

6,823
citations

44
h-index

71
g-index

262
ext. papers

7,780
ext. citations

3.9
avg, IF

6.09
L-index

#	Paper	IF	Citations
247	skater: an R package for SNP-based kinship analysis, testing, and evaluation.. <i>F1000Research</i> , 2022 , 11, 18	3.6	1
246	Determining Informative Microbial Single Nucleotide Polymorphisms for Human Identification.. <i>Applied and Environmental Microbiology</i> , 2022 , e0005222	4.8	0
245	Re: Riman et al. Examining performance and likelihood ratios for two likelihood ratio systems using the PROVEDIT dataset.. <i>Forensic Science International: Genetics</i> , 2022 , 102709	4.3	0
244	Genetic study with 21 autosomal STRs in five Peruvian macro regions for human identification purposes.. <i>Legal Medicine</i> , 2022 , 57, 102073	1.9	0
243	Techniques for estimating genetically variable peptides and semi-continuous likelihoods from massively parallel sequencing data.. <i>Forensic Science International: Genetics</i> , 2022 , 59, 102719	4.3	0
242	Validation of the Applied Biosystems RapidHIT ID instrument and ACE GlobalFiler Express sample cartridge. <i>International Journal of Legal Medicine</i> , 2021 , 1	3.1	0
241	PREVIOUS MILITARY PILOTS AND THEIR LATER FATAL CIVIL AVIATION ACCIDENTS. <i>Aviation</i> , 2021 , 25, 182-186	0.8	
240	Reducing noise and stutter in short tandem repeat loci with unique molecular identifiers. <i>Forensic Science International: Genetics</i> , 2021 , 51, 102459	4.3	2
239	Linkage and linkage disequilibrium among the markers in the forensic MPS panels. <i>Journal of Forensic Sciences</i> , 2021 , 66, 1637-1646	1.8	0
238	STRait Razor Online: An enhanced user interface to facilitate interpretation of MPS data. <i>Forensic Science International: Genetics</i> , 2021 , 52, 102463	4.3	4
237	Autosomal STR and SNP characterization of populations from the Northeastern Peruvian Andes with the ForenSeqDNA Signature Prep Kit. <i>Forensic Science International: Genetics</i> , 2021 , 52, 102487	4.3	2
236	Genetic study with autosomal STR markers in people of the Peruvian jungle for human identification purposes. <i>Journal of the Canadian Society of Forensic Science</i> , 2021 , 54, 117-138	0.5	1
235	Forensic investigation approaches of searching relatives in DNA databases. <i>Journal of Forensic Sciences</i> , 2021 , 66, 430-443	1.8	11
234	Allelic frequencies with 23 autosomic STRS in the Aymara population of Peru. <i>International Journal of Legal Medicine</i> , 2021 , 135, 779-781	3.1	4
233	A Continuous Statistical Phasing Framework for the Analysis of Forensic Mitochondrial DNA Mixtures. <i>Genes</i> , 2021 , 12,	4.2	6
232	Evaluation of Promega PowerSeqAuto/Y systems prototype on an admixed sample of Rio de Janeiro, Brazil: Population data, sensitivity, stutter and mixture studies. <i>Forensic Science International: Genetics</i> , 2021 , 53, 102516	4.3	5
231	Enhanced mixture interpretation with macrohaplotypes based on long-read DNA sequencing. <i>International Journal of Legal Medicine</i> , 2021 , 135, 2189-2198	3.1	1

230	Population Informative Markers Selected Using Wright's Fixation Index and Machine Learning Improves Human Identification Using the Skin Microbiome. <i>Applied and Environmental Microbiology</i> , 2021 , 87, e0120821	4.8	1
229	International Wildlife Trafficking: A perspective on the challenges and potential forensic genetics solutions. <i>Forensic Science International: Genetics</i> , 2021 , 54, 102551	4.3	6
228	Reverse complement-PCR, an innovative and effective method for multiplexing forensically relevant single nucleotide polymorphism marker systems. <i>BioTechniques</i> , 2021 , 71, 484-489	2.5	1
227	MMDIT: A tool for the deconvolution and interpretation of mitochondrial DNA mixtures. <i>Forensic Science International: Genetics</i> , 2021 , 55, 102568	4.3	1
226	A novel approach to imaging and visualization of minute amounts of DNA in small volume samples. <i>Analyst, The</i> , 2021 , 146, 6520-6527	5	0
225	Graph Algorithms for Mixture Interpretation. <i>Genes</i> , 2021 , 12,	4.2	4
224	Association of whole mtDNA, an NADPH G11914A variant, and haplogroups with high physical performance in an elite military troop. <i>Brazilian Journal of Medical and Biological Research</i> , 2021 , 54, e10317	3.8	7
223	The lot-to-lot variability in the mitochondrial genome of controls. <i>Forensic Science International: Genetics</i> , 2020 , 47, 102298	4.3	4
222	An algorithm for random match probability calculation from peptide sequences. <i>Forensic Science International: Genetics</i> , 2020 , 47, 102295	4.3	3
221	Genetic assessment reveals no population substructure and divergent regional and sex-specific histories in the Chachapoyas from northeast Peru. <i>PLoS ONE</i> , 2020 , 15, e0244497	3.7	3
220	Reverse Complement PCR: A novel one-step PCR system for typing highly degraded DNA for human identification. <i>Forensic Science International: Genetics</i> , 2020 , 44, 102201	4.3	7
219	Forensic genetic investigation of human skeletal remains recovered from the La Belle shipwreck. <i>Forensic Science International</i> , 2020 , 306, 110050	2.6	12
218	Forensic human identification using skin microbiome genetic signatures 2020 , 155-169		1
217	Select methods for microbial forensic nucleic acid analysis of trace and uncultivable specimens 2020 , 195-205		2
216	Education and training in microbial forensics 2020 , 473-495		
215	Distinguishing mitochondrial DNA and NUMT sequences amplified with the precision ID mtDNA whole genome panel. <i>Mitochondrion</i> , 2020 , 55, 122-133	4.9	13
214	Are low LR's reliable?. <i>Forensic Science International: Genetics</i> , 2020 , 49, 102350	4.3	5
213	Developmental Validation of a MPS Workflow with a PCR-Based Short Amplicon Whole Mitochondrial Genome Panel. <i>Genes</i> , 2020 , 11,	4.2	11

212	Evaluation of 16S rRNA Hypervariable Regions for Bioweapon Species Detection by Massively Parallel Sequencing. <i>International Journal of Microbiology</i> , 2020 , 2020, 8865520	3.6	0
211	Population genetic study of a Peruvian population using human identification STRs. <i>International Journal of Legal Medicine</i> , 2020 , 134, 2071-2073	3.1	4
210	How many familial relationship testing results could be wrong?. <i>PLoS Genetics</i> , 2020 , 16, e1008929	6	8
209	A standalone humanitarian DNA identification database system to increase identification of human remains of foreign nationals. <i>International Journal of Legal Medicine</i> , 2020 , 134, 2039-2044	3.1	3
208	A novel phylogenetic approach for de novo discovery of putative nuclear mitochondrial (pNumt) haplotypes. <i>Forensic Science International: Genetics</i> , 2019 , 43, 102146	4.3	10
207	Utility of the Ion S5 and MiSeq FGx sequencing platforms to characterize challenging human remains. <i>Legal Medicine</i> , 2019 , 41, 101623	1.9	16
206	Massively parallel sequence data of 31 autosomal STR loci from 496 Spanish individuals revealed concordance with CE-STR technology and enhanced discrimination power. <i>Forensic Science International: Genetics</i> , 2019 , 42, 49-55	4.3	20
205	A pathway-driven predictive model of tramadol pharmacogenetics. <i>European Journal of Human Genetics</i> , 2019 , 27, 1143-1156	5.3	2
204	The Probabilistic Genotyping Software STRmix: Utility and Evidence for its Validity. <i>Journal of Forensic Sciences</i> , 2019 , 64, 393-405	1.8	23
203	Linkage, recombination, and mutation rate analyses of 19 X-chromosomal STR loci in Chinese Southern Han pedigrees. <i>International Journal of Legal Medicine</i> , 2019 , 133, 1691-1698	3.1	3
202	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	4.3	22
201	Supervised Classification of CYP2D6 Genotype and Metabolizer Phenotype With Postmortem Tramadol-Exposed Finns. <i>American Journal of Forensic Medicine and Pathology</i> , 2019 , 40, 8-18	1	3
200	Compound stutter in D2S1338 and D12S391. <i>Forensic Science International: Genetics</i> , 2019 , 39, 50-56	4.3	6
199	STRmix collaborative exercise on DNA mixture interpretation. <i>Forensic Science International: Genetics</i> , 2019 , 40, 1-8	4.3	26
198	Assessment of impact of DNA extraction methods on analysis of human remain samples on massively parallel sequencing success. <i>International Journal of Legal Medicine</i> , 2019 , 133, 51-58	3.1	16
197	Expanding beyond the current core STR loci: An exploration of 73 STR markers with increased diversity for enhanced DNA mixture deconvolution. <i>Forensic Science International: Genetics</i> , 2019 , 38, 121-129	4.3	14
196	Forensic human identification with targeted microbiome markers using nearest neighbor classification. <i>Forensic Science International: Genetics</i> , 2019 , 38, 130-139	4.3	28
195	Improved Y-STR typing for disaster victim identification, missing persons investigations, and historical human skeletal remains. <i>International Journal of Legal Medicine</i> , 2018 , 132, 1545-1553	3.1	22

194	Massively parallel sequencing-enabled mixture analysis of mitochondrial DNA samples. <i>International Journal of Legal Medicine</i> , 2018 , 132, 1263-1272	3.1	30
193	Insertion within the flanking region of the D10S1237 locus. <i>Forensic Science International: Genetics</i> , 2018 , 35, e4-e6	4.3	1
192	Targeted sequencing of clade-specific markers from skin microbiomes for forensic human identification. <i>Forensic Science International: Genetics</i> , 2018 , 32, 50-61	4.3	44
191	Direct PCR amplification of DNA from human bloodstains, saliva, and touch samples collected with microFLOQ swabs. <i>Forensic Science International: Genetics</i> , 2018 , 32, 80-87	4.3	36
190	Evaluation of the precision ID mtDNA whole genome panel on two massively parallel sequencing systems. <i>Forensic Science International: Genetics</i> , 2018 , 36, 213-224	4.3	25
189	Copycats in Pilot Aircraft-Assisted Suicides after the Germanwings Incident. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	2
188	Duty of Notification and Aviation Safety-A Study of Fatal Aviation Accidents in the United States in 2015. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	5
187	Current state-of-art of STR sequencing in forensic genetics. <i>Electrophoresis</i> , 2018 , 39, 2655-2668	3.6	41
186	Potential highly polymorphic short tandem repeat markers for enhanced forensic identity testing. <i>Forensic Science International: Genetics</i> , 2018 , 37, 162-171	4.3	11
185	Increasing the discrimination power of ancestry- and identity-informative SNP loci within the ForenSeqDNA Signature Prep Kit. <i>Forensic Science International: Genetics</i> , 2018 , 36, 60-76	4.3	25
184	Predicted activity of UGT2B7, ABCB1, OPRM1, and COMT using full-gene haplotypes and their association with the CYP2D6-inferred metabolizer phenotype. <i>Forensic Science International: Genetics</i> , 2018 , 33, 48-58	4.3	4
183	Comparative tolerance of two massively parallel sequencing systems to common PCR inhibitors. <i>International Journal of Legal Medicine</i> , 2018 , 132, 983-995	3.1	18
182	Aircraft-Assisted Pilot Suicides in the General Aviation Increased for One-Year Period after 11 September 2001 Attack in the United States. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	5
181	NIST interlaboratory studies involving DNA mixtures (MIX13): A modern analysis. <i>Forensic Science International: Genetics</i> , 2018 , 37, 172-179	4.3	27
180	Privacy and genetic genealogy data. <i>Science</i> , 2018 , 361, 857	3.3	21
179	Increasing the reference populations for the 55 AISNP panel: the need and benefits. <i>International Journal of Legal Medicine</i> , 2017 , 131, 913-917	3.1	32
178	Flanking region variation of ForenSeqDNA Signature Prep Kit STR and SNP loci in Yavapai Native Americans. <i>Forensic Science International: Genetics</i> , 2017 , 28, 146-154	4.3	42
177	The factor of 10 in forensic DNA match probabilities. <i>Forensic Science International: Genetics</i> , 2017 , 28, 178-187	4.3	4

176	European survey on forensic applications of massively parallel sequencing. <i>Forensic Science International: Genetics</i> , 2017 , 29, e23-e25	4.3	24
175	Reiteration of the Statistical Basis of DNA Source Attribution Determinations in View of the Attorney General's Directive on "Reasonable Scientific Certainty" Statements. <i>Journal of Forensic Sciences</i> , 2017 , 62, 1114-1115	1.8	4
174	Bipolar Disorder in Aviation Medicine. <i>Aerospace Medicine and Human Performance</i> , 2017 , 88, 42-47	1.1	4
173	STRAit Razor v2s: Advancing sequence-based STR allele reporting and beyond to other marker systems. <i>Forensic Science International: Genetics</i> , 2017 , 29, 21-28	4.3	32
172	Development and validation of a novel multiplexed DNA analysis system, InnoTyper 21. <i>Forensic Science International: Genetics</i> , 2017 , 29, 80-99	4.3	17
171	Internal validation of the RapidHIT ID system. <i>Forensic Science International: Genetics</i> , 2017 , 31, 180-188	4.3	13
170	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	0.5	5
169	Working towards implementation of whole genome mitochondrial DNA sequencing into routine casework. <i>Forensic Science International: Genetics Supplement Series</i> , 2017 , 6, e388-e389	0.5	12
168	Comparison of standard capillary electrophoresis based genotyping method and ForenSeq DNA Signature Prep kit (Illumina) on a set of challenging samples. <i>Forensic Science International: Genetics Supplement Series</i> , 2017 , 6, e140-e142	0.5	3
167	Flanking Variation Influences Rates of Stutter in Simple Repeats. <i>Genes</i> , 2017 , 8,	4.2	16
166	A technique for setting analytical thresholds in massively parallel sequencing-based forensic DNA analysis. <i>PLoS ONE</i> , 2017 , 12, e0178005	3.7	13
165	Y-chromosomal analysis of Greek Cypriots reveals a primarily common pre-Ottoman paternal ancestry with Turkish Cypriots. <i>PLoS ONE</i> , 2017 , 12, e0179474	3.7	11
164	Attention-Deficit/Hyperactivity Disorder and Fatal Accidents in Aviation Medicine. <i>Aerospace Medicine and Human Performance</i> , 2017 , 88, 871-875	1.1	4
163	General Aviation Pilots Over 70 Years Old. <i>Aerospace Medicine and Human Performance</i> , 2017 , 88, 142-145	1.1	4
162	Investigation of the STR loci noise distributions of PowerSeq [®] Auto System. <i>Croatian Medical Journal</i> , 2017 , 58, 214-221	1.6	11
161	Results of a collaborative study on DNA identification of aged bone samples. <i>Croatian Medical Journal</i> , 2017 , 58, 203-213	1.6	12
160	Forensic Human Identification Using Skin Microbiomes. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	46
159	STRSeq: A catalog of sequence diversity at human identification Short Tandem Repeat loci. <i>Forensic Science International: Genetics</i> , 2017 , 31, 111-117	4.3	52

158	Strengthening forensic DNA decision making through a better understanding of the influence of cognitive bias. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2017 , 57, 415-420	2	27
157	Identification and analysis of mtDNA genomes attributed to Finns reveal long-stagnant demographic trends obscured in the total diversity. <i>Scientific Reports</i> , 2017 , 7, 6193	4.9	13
156	Population and performance analyses of four major populations with Illumina's FGx Forensic Genomics System. <i>Forensic Science International: Genetics</i> , 2017 , 30, 81-92	4.3	44
155	Increasing the reach of forensic genetics with massively parallel sequencing. <i>Forensic Science, Medicine, and Pathology</i> , 2017 , 13, 342-349	1.5	19
154	Paternity calculations in a di-spermy case. <i>International Journal of Legal Medicine</i> , 2017 , 131, 339-343	3.1	
153	Fast STR allele identification with STRait Razor 3.0. <i>Forensic Science International: Genetics</i> , 2017 , 30, 18-23	4.3	56
152	Whole mitochondrial genome genetic diversity in an Estonian population sample. <i>International Journal of Legal Medicine</i> , 2016 , 130, 67-71	3.1	27
151	More comprehensive forensic genetic marker analyses for accurate human remains identification using massively parallel DNA sequencing. <i>BMC Genomics</i> , 2016 , 17, 750	4.5	40
150	Definition and Purpose. <i>Security Science and Technology</i> , 2016 , 1-12		1
149	The Next State-of-the-Art Forensic Genetics Technology: Massively Parallel Sequencing. <i>Security Science and Technology</i> , 2016 , 249-291		0
148	Molecular Autopsy. <i>Security Science and Technology</i> , 2016 , 377-413		1
147	Genetic analysis of the Yavapai Native Americans from West-Central Arizona using the Illumina MiSeq FGx forensic genomics system. <i>Forensic Science International: Genetics</i> , 2016 , 24, 18-23	4.3	56
146	Effects of the Ion PGM Hi-Q sequencing chemistry on sequence data quality. <i>International Journal of Legal Medicine</i> , 2016 , 130, 1169-80	3.1	21
145	Evaluation of the Illumina () Beta Version ForenSeq DNA Signature Prep Kit for use in genetic profiling. <i>Forensic Science International: Genetics</i> , 2016 , 20, 20-29	4.3	151
144	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	3.1	6
143	Modified DOP-PCR for improved STR typing of degraded DNA from human skeletal remains and bloodstains. <i>Legal Medicine</i> , 2016 , 18, 7-12	1.9	16
142	Expansion of Microbial Forensics. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 1964-74	9.7	49
141	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	4.3	148

140	DNA quality and quantity from up to 16 years old post-mortem blood stored on FTA cards. <i>Forensic Science International</i> , 2016 , 261, 148-53	2.6	31
139	Selection of highly informative SNP markers for population affiliation of major US populations. <i>International Journal of Legal Medicine</i> , 2016 , 130, 341-52	3.1	19
138	Postmortem medicolegal genetic diagnostics also require reporting guidance. <i>European Journal of Human Genetics</i> , 2016 , 24, 329-30	5.3	5
137	Handbook of Forensic Genetics. <i>Security Science and Technology</i> , 2016 ,		3
136	A Comparison and Integration of MiSeq and MinION Platforms for Sequencing Single Source and Mixed Mitochondrial Genomes. <i>PLoS ONE</i> , 2016 , 11, e0167600	3.7	27
135	Enhancement of Pathologist's Routine Practice: Reuse of DNA Extracted from Immunostained Formalin-fixed Paraffin-embedded (FFPE) Slides in Downstream Molecular Analysis of Cancer. <i>Cancer Genomics and Proteomics</i> , 2016 , 13, 399-406	3.3	3
134	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	1	15
133	Native American population data based on the Globalfiler() autosomal STR loci. <i>Forensic Science International: Genetics</i> , 2016 , 24, e12-e13	4.3	13
132	Evaluation of forensic DNA mixture evidence: protocol for evaluation, interpretation, and statistical calculations using the combined probability of inclusion. <i>BMC Genetics</i> , 2016 , 17, 125	2.6	44
131	D5S2500 is an ambiguously characterized STR: Identification and description of forensic microsatellites in the genomics age. <i>Forensic Science International: Genetics</i> , 2016 , 23, 19-24	4.3	18
130	A genetic overview of 23Y-STR markers in UAE population. <i>Forensic Science International: Genetics</i> , 2016 , 23, 150-152	4.3	6
129	The genetic structure of native Americans in North America based on the Globalfiler STRs. <i>Legal Medicine</i> , 2016 , 23, 49-54	1.9	6
128	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	4.3	20
127	Characterization of genetic sequence variation of 58 STR loci in four major population groups. <i>Forensic Science International: Genetics</i> , 2016 , 25, 214-226	4.3	104
126	Allele frequencies for 15 autosomal STR loci and haplotype data for 17 Y-STR loci in a population from Belize. <i>International Journal of Legal Medicine</i> , 2015 , 129, 1217-8	3.1	1
125	Blind study evaluation illustrates utility of the Ion PGM system for use in human identity DNA typing. <i>Croatian Medical Journal</i> , 2015 , 56, 218-29	1.6	33
124	Evaluation of a 49 InDel Marker HID panel in two specific populations of South America and one population of Northern Africa. <i>International Journal of Legal Medicine</i> , 2015 , 129, 245-9	3.1	3
123	Underlying Data for Sequencing the Mitochondrial Genome with the Massively Parallel Sequencing Platform Ion Torrent PGM BMC Genomics, 2015 , 16 Suppl 1, S4	4.5	32

122	An evaluation of the PowerSeq [™] Auto System: A multiplex short tandem repeat marker kit compatible with massively parallel sequencing. <i>Forensic Science International: Genetics</i> , 2015 , 19, 172-179	4.3	48
121	Sequencing the hypervariable regions of human mitochondrial DNA using massively parallel sequencing: Enhanced data acquisition for DNA samples encountered in forensic testing. <i>Legal Medicine</i> , 2015 , 17, 123-7	1.9	22
120	High sensitivity multiplex short tandem repeat loci analyses with massively parallel sequencing. <i>Forensic Science International: Genetics</i> , 2015 , 16, 38-47	4.3	59
119	Utility of amplification enhancers in low copy number DNA analysis. <i>International Journal of Legal Medicine</i> , 2015 , 129, 43-52	3.1	12
118	STRait Razor v2.0: the improved STR Allele Identification Tool--Razor. <i>Forensic Science International: Genetics</i> , 2015 , 14, 182-6	4.3	53
117	Authors' Response. <i>Journal of Forensic Sciences</i> , 2015 , 60, 1669-70	1.8	
116	Correcting Inconsistencies and Errors in Bacterial Genome Metadata Using an Automated Curation Tool in Excel (AutoCurE). <i>Frontiers in Bioengineering and Biotechnology</i> , 2015 , 3, 138	5.8	6
115	On doctors' accountability and flight deck safety. <i>Croatian Medical Journal</i> , 2015 , 56, 385-6	1.6	4
114	Novel Y-chromosome Short Tandem Repeat Variants Detected Through the Use of Massively Parallel Sequencing. <i>Genomics, Proteomics and Bioinformatics</i> , 2015 , 13, 250-7	6.5	24
113	Massively parallel sequencing of forensically relevant single nucleotide polymorphisms using TruSeq [™] forensic amplicon. <i>International Journal of Legal Medicine</i> , 2015 , 129, 31-6	3.1	20
112	Population genetics of 23 Y-STR markers in Kuwaiti population. <i>Forensic Science International: Genetics</i> , 2015 , 16, 203-204	4.3	5
111	Internal validation of the GlobalFiler [™] Express PCR Amplification Kit for the direct amplification of reference DNA samples on a high-throughput automated workflow. <i>Forensic Science International: Genetics</i> , 2014 , 10, 33-39	4.3	50
110	A global analysis of Y-chromosomal haplotype diversity for 23 STR loci. <i>Forensic Science International: Genetics</i> , 2014 , 12, 12-23	4.3	171
109	Characterization of 114 insertion/deletion (INDEL) polymorphisms, and selection for a global INDEL panel for human identification. <i>Legal Medicine</i> , 2014 , 16, 26-32	1.9	24
108	A high volume extraction and purification method for recovering DNA from human bone. <i>Forensic Science International: Genetics</i> , 2014 , 12, 155-60	4.3	22
107	Evaluation of a novel material, Diomics X-Swab [™] for collection of DNA. <i>Forensic Science International: Genetics</i> , 2014 , 12, 192-8	4.3	5
106	An evaluation of the RapidHIT [™] () system for reliably genotyping reference samples. <i>Forensic Science International: Genetics</i> , 2014 , 13, 104-11	4.3	30
105	Validation of high throughput sequencing and microbial forensics applications. <i>Investigative Genetics</i> , 2014 , 5, 9		46

104	Molecular genetic investigative leads to differentiate monozygotic twins. <i>Investigative Genetics</i> , 2014 , 5, 11		4
103	Modeling one complete versus triplicate analyses in low template DNA typing. <i>International Journal of Legal Medicine</i> , 2014 , 128, 259-67	3.1	3
102	High throughput whole mitochondrial genome sequencing by two platforms of massively parallel sequencing. <i>BMC Genomics</i> , 2014 , 15, P7	4.5	3
101	Reduction of stutter ratios in short tandem repeat loci typing of low copy number DNA samples. <i>Forensic Science International: Genetics</i> , 2014 , 8, 213-8	4.3	16
100	Autosomal and Y-STR analysis of degraded DNA from the 120-year-old skeletal remains of Ezekiel Harper. <i>Forensic Science International: Genetics</i> , 2014 , 9, 33-41	4.3	29
99	Nomenclature update and allele repeat structure for the markers DYS518 and DYS449. <i>Forensic Science International: Genetics</i> , 2014 , 13, e3	4.3	3
98	Assessment of the role of DNA repair in damaged forensic samples. <i>International Journal of Legal Medicine</i> , 2014 , 128, 913-21	3.1	21
97	High-quality and high-throughput massively parallel sequencing of the human mitochondrial genome using the Illumina MiSeq. <i>Forensic Science International: Genetics</i> , 2014 , 12, 128-35	4.3	139
96	Population data on 25 autosomal STRs for 500 unrelated Kuwaitis. <i>Forensic Science International: Genetics</i> , 2014 , 12, 126-7	4.3	3
95	mitoSAVE: mitochondrial sequence analysis of variants in Excel. <i>Forensic Science International: Genetics</i> , 2014 , 12, 122-5	4.3	18
94	Developmental validation of the EX20+4 system. <i>Forensic Science International: Genetics</i> , 2014 , 11, 207-12	4.3	5
93	Differences of PCR efficiency between two-step PCR and standard three-step PCR protocols in short tandem repeat amplification. <i>Australian Journal of Forensic Sciences</i> , 2014 , 46, 80-90	1.1	7
92	Aircraft-Assisted Pilot Suicides: Lessons to be Learned. <i>Aviation, Space, and Environmental Medicine</i> , 2014 , 85, 841-6		15
91	Future directions of forensic DNA databases. <i>Croatian Medical Journal</i> , 2014 , 55, 163-6	1.6	32
90	Pressure cycling technology (PCT) reduces effects of inhibitors of the PCR. <i>International Journal of Legal Medicine</i> , 2013 , 127, 321-33	3.1	6
89	First all-in-one diagnostic tool for DNA intelligence: genome-wide inference of biogeographic ancestry, appearance, relatedness, and sex with the Identitas v1 Forensic Chip. <i>International Journal of Legal Medicine</i> , 2013 , 127, 559-72	3.1	38
88	Validation of the PLEX-ID [™] mass spectrometry mitochondrial DNA assay. <i>International Journal of Legal Medicine</i> , 2013 , 127, 277-86	3.1	6
87	Population genetic analyses of the STR loci of the AmpFISTR NGM Select [™] kit for Han population in Fujian Province, China. <i>International Journal of Legal Medicine</i> , 2013 , 127, 345-6	3.1	6

86	STRait Razor: a length-based forensic STR allele-calling tool for use with second generation sequencing data. <i>Forensic Science International: Genetics</i> , 2013 , 7, 409-17	4.3	84
85	Editors' pick: re-'colon'-ization of healthy microbiota after recurrent <i>C. difficile</i> infection. <i>Investigative Genetics</i> , 2013 , 4, 28		1
84	A tribute to DNA fingerprinting. <i>Investigative Genetics</i> , 2013 , 4, 19		
83	Prototype PowerPlex [®] Y23 System: A concordance study. <i>Forensic Science International: Genetics</i> , 2013 , 7, 204-8	4.3	32
82	Deep Sequencing Provides Comprehensive Multiplex Capabilities. <i>Forensic Science International: Genetics Supplement Series</i> , 2013 , 4, e334-e335	0.5	5
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