

Corina Cg Benschop

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

528
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777949

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759306

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28
all docs

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28
times ranked

281
citing authors

#	ARTICLE	IF	CITATIONS
1	Explainable artificial intelligence in forensics: Realistic explanations for number of contributor predictions of DNA profiles. <i>Forensic Science International: Genetics</i> , 2022, 56, 102632.	1.6	10
2	Development and validation of a fast and automated DNA identification line. <i>Forensic Science International: Genetics</i> , 2022, 60, 102738.	1.6	3
3	Application of a probabilistic genotyping software to MPS mixture STR data is supported by similar trends in LR _s compared with CE data. <i>Forensic Science International: Genetics</i> , 2021, 52, 102489.	1.6	3
4	The DNAXs software suite: A three-year retrospective study on the development, architecture, testing and implementation in forensic casework. <i>Forensic Science International: Reports</i> , 2021, 3, 100212.	0.4	2
5	A Review of Probabilistic Genotyping Systems: EuroForMix, DNASTatistX and STRmix [®] . <i>Genes</i> , 2021, 12, 1559.	1.0	25
6	Multi-laboratory validation of DNAXs including the statistical library DNASTatistX. <i>Forensic Science International: Genetics</i> , 2020, 49, 102390.	1.6	7
7	A qualitative (semi-continuous) model: LRmix Studio. , 2020, , 153-179.		0
8	Investigative forensic genetics: SmartRank, CaseSolver and DNAmatch2. , 2020, , 339-383.		0
9	Forensic genetics: the basics. , 2020, , 1-53.		2
10	An assessment of the performance of the probabilistic genotyping software EuroForMix: Trends in likelihood ratios and analysis of Type I & II errors. <i>Forensic Science International: Genetics</i> , 2019, 42, 31-38.	1.6	34
11	Automated estimation of the number of contributors in autosomal short tandem repeat profiles using a machine learning approach. <i>Forensic Science International: Genetics</i> , 2019, 43, 102150.	1.6	18
12	DNAXs/DNASTatistX: Development and validation of a software suite for the data management and probabilistic interpretation of DNA profiles. <i>Forensic Science International: Genetics</i> , 2019, 42, 81-89.	1.6	37
13	Performance of EuroForMix deconvolution on PowerPlex [®] Fusion 6C profiles. <i>Forensic Science International: Genetics Supplement Series</i> , 2019, 7, 5-6.	0.1	1
14	Automated estimation of the number of contributors in autosomal STR profiles. <i>Forensic Science International: Genetics Supplement Series</i> , 2019, 7, 7-8.	0.1	3
15	Low-template methods yield limited extra information for PowerPlex [®] Fusion 6C profiling. <i>Legal Medicine</i> , 2018, 33, 62-65.	0.6	4
16	Validation of SmartRank: A likelihood ratio software for searching national DNA databases with complex DNA profiles. <i>Forensic Science International: Genetics</i> , 2017, 29, 145-153.	1.6	26
17	Results of an inter and intra laboratory exercise on the assessment of complex autosomal DNA profiles. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2017, 57, 21-27.	1.3	13
18	A comparative study of qualitative and quantitative models used to interpret complex STR DNA profiles. <i>Forensic Science International: Genetics</i> , 2016, 25, 85-96.	1.6	73

#	ARTICLE	IF	CITATIONS
19	Is an increased drop-in rate appropriate with enhanced DNA profiling?. Forensic Science International: Genetics Supplement Series, 2015, 5, e71-e72.	0.1	2
20	Split DNA over replicates or perform one amplification?. Forensic Science International: Genetics Supplement Series, 2015, 5, e532-e533.	0.1	3
21	Evaluation of samples comprising minute amounts of DNA. Science and Justice - Journal of the Forensic Science Society, 2015, 55, 316-322.	1.3	11
22	The effect of varying the number of contributors on likelihood ratios for complex DNA mixtures. Forensic Science International: Genetics, 2015, 19, 92-99.	1.6	36
23	Complex DNA mixture analysis in a forensic context: Evaluating the probative value using a likelihood ratio model. Forensic Science International: Genetics, 2015, 16, 17-25.	1.6	37
24	LoCIM-tool: An expert's assistant for inferring the major contributor's alleles in mixed consensus DNA profiles. Forensic Science International: Genetics, 2014, 11, 154-165.	1.6	20
25	Consensus and pool profiles to assist in the analysis and interpretation of complex low template DNA mixtures. International Journal of Legal Medicine, 2013, 127, 11-23.	1.2	32
26	Assessment of mock cases involving complex low template DNA mixtures: A descriptive study. Forensic Science International: Genetics, 2012, 6, 697-707.	1.6	26
27	Low template STR typing: Effect of replicate number and consensus method on genotyping reliability and DNA database search results. Forensic Science International: Genetics, 2011, 5, 316-328.	1.6	99