

Cedric Neumann

List of Publications by Citations

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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.

36

papers

662

citations

13

h-index

25

g-index

41

ext. papers

768

ext. citations

2.1

avg, IF

4.18

L-index

#	Paper	IF	Citations
36	Quantifying the weight of evidence from a forensic fingerprint comparison: a new paradigm. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2012 , 175, 371-415	2.1	87
35	Computation of likelihood ratios in fingerprint identification for configurations of any number of minutiae. <i>Journal of Forensic Sciences</i> , 2007 , 52, 54-64	1.8	84
34	Interpretation of complex DNA profiles using empirical models and a method to measure their robustness. <i>Forensic Science International: Genetics</i> , 2008 , 2, 91-103	4.3	63
33	Forensic examination of ink by high-performance thin layer chromatography--the United States Secret Service Digital Ink Library. <i>Journal of Chromatography A</i> , 2011 , 1218, 2793-811	4.5	55
32	Computation of likelihood ratios in fingerprint identification for configurations of three minutiae. <i>Journal of Forensic Sciences</i> , 2006 , 51, 1255-66	1.8	55
31	New perspectives in the use of ink evidence in forensic science: Part I. Development of a quality assurance process for forensic ink analysis by HPTLC. <i>Forensic Science International</i> , 2009 , 185, 29-37	2.6	48
30	A Bayesian approach for interpreting shoemark evidence in forensic casework: accounting for wear features. <i>Forensic Science International</i> , 2011 , 210, 26-30	2.6	23
29	Quantifying the weight of fingerprint evidence through the spatial relationship, directions and types of minutiae observed on fingermarks. <i>Forensic Science International</i> , 2015 , 248, 154-71	2.6	20
28	New perspectives in the use of ink evidence in forensic science Part II. Development and testing of mathematical algorithms for the automatic comparison of ink samples analysed by HPTLC. <i>Forensic Science International</i> , 2009 , 185, 38-50	2.6	20
27	Quantitative assessment of evidential weight for a fingerprint comparison I. Generalisation to the comparison of a mark with set of ten prints from a suspect. <i>Forensic Science International</i> , 2011 , 207, 101-5	2.6	18
26	New perspectives in the use of ink evidence in forensic science: Part III: Operational applications and evaluation. <i>Forensic Science International</i> , 2009 , 192, 29-42	2.6	18
25	Review and application of functional data analysis to chemical data--the example of the comparison, classification, and database search of forensic ink chromatograms. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015 , 149, 97-106	3.8	17
24	An argument against presenting interval quantifications as a surrogate for the value of evidence. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2016 , 56, 383-387	2	15
23	Interpretation of complex DNA profiles using Tippett plots. <i>Forensic Science International: Genetics Supplement Series</i> , 2008 , 1, 646-648	0.5	13
22	Defence against the modern arts: the curse of statistics--Part II: Score-based likelihood ratios-- <i>Law, Probability and Risk</i> , 2020 , 19, 21-42	0.6	12
21	The characterization of Monte Carlo errors for the quantification of the value of forensic evidence. <i>Journal of Statistical Computation and Simulation</i> , 2017 , 87, 1608-1643	0.9	11
20	Operational benefits and challenges of the use of fingerprint statistical models: a field study. <i>Forensic Science International</i> , 2011 , 212, 32-46	2.6	11

19	Consensus on validation of forensic voice comparison. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2021 , 61, 299-309	2	11
18	Detection of insertion/deletion polymorphisms from challenged samples using the Investigator DIPplex kit. <i>Forensic Science International: Genetics</i> , 2015 , 16, 29-37	4.3	10
17	Exploitation of very small particles to enhance the probative value of carpet fibers. <i>Forensic Science International</i> , 2015 , 252, 52-68	2.6	8
16	Presenting Quantitative and Qualitative Information on Forensic Science Evidence in the Courtroom. <i>Chance</i> , 2016 , 29, 37-43	1	8
15	Quantitative assessment of evidential weight for a fingerprint comparison. Part II: a generalisation to take account of the general pattern. <i>Forensic Science International</i> , 2012 , 214, 195-9	2.6	8
14	Fingerprints at the crime-scene: Statistically certain, or probable?. <i>Significance</i> , 2012 , 9, 21-25	0.5	7
13	Considerations on the ASTM standards 1789-04 and 1422-05 on the forensic examination of ink. <i>Journal of Forensic Sciences</i> , 2010 , 55, 1304-10	1.8	7
12	Determination of AFIS "sufficiency" in friction ridge examination. <i>Forensic Science International</i> , 2016 , 263, 114-125	2.6	6
11	Forensic Examination of Fingerprints: Past, Present, and Future. <i>Chance</i> , 2016 , 29, 9-16	1	6
10	Discrimination and classification among common items of evidence using particle combination profiles. <i>Forensic Science International</i> , 2018 , 289, 92-107	2.6	4
9	Commentary on: Alberink I, de Jongh A, Rodriguez C. Fingermark evidence evaluation based on automated fingerprint identification system matching scores: the effect of different types of conditioning on likelihood ratios. <i>J Forensic Sci</i> 2014; 59(1):70-81. <i>Journal of Forensic Sciences</i> , 2015 , 60, 252-6	1.8	3
8	Defence against the modern arts: the curse of statistics: Part I. <i>Law, Probability and Risk</i> , 2020 , 19, 1-20	0.6	3
7	Rates of loss and replacement of very small particles (VSP) on the contact surfaces of footwear during successive exposures. <i>Forensic Science International</i> , 2019 , 296, 39-47	2.6	2
6	Differential analysis of very small particles (VSP) from the contact surfaces and recessed areas of footwear. <i>Forensic Science International</i> , 2019 , 298, 106-114	2.6	2
5	Communicating forensic evidence: Is it appropriate to report posterior beliefs when DNA evidence is obtained through a database search?. <i>Law, Probability and Risk</i> , 2019 , 18, 25-34	0.6	1
4	Kernel-based methods for source identification using very small particles from carpet fibers. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017 , 160, 99-109	3.8	1
3	A Bayesian approach for the analysis of error rate studies in forensic science. <i>Forensic Science International</i> , 2020 , 306, 110047	2.6	1
2	Deconvolution of dust mixtures. <i>Forensic Science International</i> , 2020 , 308, 110144	2.6	1

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A comment on experimental results of fingerprint comparison validity and reliability: A review and critical analysis. *Science and Justice - Journal of the Forensic Science Society*, **2014**, 54, 393-5

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