

Cedric Neumann

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.

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	Consensus on validation of forensic voice comparison. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2021 , 61, 299-309	2	11
35	Defence against the modern arts: the curse of statistics: Part I <i>IBRStat. Law, Probability and Risk</i> , 2020 , 19, 1-20	0.6	3
34	A Bayesian approach for the analysis of error rate studies in forensic science. <i>Forensic Science International</i> , 2020 , 306, 110047	2.6	1
33	Deconvolution of dust mixtures. <i>Forensic Science International</i> , 2020 , 308, 110144	2.6	1
32	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
31	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
30	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
29	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
28	Discrimination and classification among common items of evidence using particle combination profiles. <i>Forensic Science International</i> , 2018 , 289, 92-107	2.6	4
27	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
26	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
25	Determination of AFIS "sufficiency" in friction ridge examination. <i>Forensic Science International</i> , 2016 , 263, 114-125	2.6	6
24	Presenting Quantitative and Qualitative Information on Forensic Science Evidence in the Courtroom. <i>Chance</i> , 2016 , 29, 37-43	1	8
23	Forensic Examination of Fingerprints: Past, Present, and Future. <i>Chance</i> , 2016 , 29, 9-16	1	6
22	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
21	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
20	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

19	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
18	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
17	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
16	A comment on experimental results of fingerprint comparison validity and reliability: A review and critical analysis. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2014 , 54, 393-5	2	
15	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
14	Fingerprints at the crime-scene: Statistically certain, or probable?. <i>Significance</i> , 2012 , 9, 21-25	0.5	7
13	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
12	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
11	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
10	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
9	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
8	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
7	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
6	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
5	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
4	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
3	Interpretation of complex DNA profiles using Tippett plots. <i>Forensic Science International: Genetics Supplement Series</i> , 2008 , 1, 646-648	0.5	13
2	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

- 1 Computation of likelihood ratios in fingerprint identification for configurations of three minutiae. *Journal of Forensic Sciences*, **2006**, 51, 1255-66 1.8 55