

## List of Publications:

Important items indicated \*, papers in which I was the main author indicated by (M), papers in which contributions were equal are indicated by (E). All items listed have been subject to appropriate refereeing. Books written are prefixed by B, books edited by E, book chapters by C, single author publications by S, joint author publications by J, notes and reviews by R, articles in press by A and submitted articles by Su

### Books:

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| B1 | 1995*<br>(reprinted<br>1997)     | Statistics and the Evaluation of Evidence for Forensic Scientists. John Wiley & Sons Ltd., 260 pp. ( <i>very widely cited.</i> )  |
| B2 | 2004 (July<br>17 <sup>th</sup> ) | Statistics and the Evaluation of Evidence for Forensic Scientists. (2 <sup>nd</sup> edition) John Wiley & Sons Ltd., 530 pp. (with F. Taroni as second author) ( <i>very widely cited.</i> )  |
| B3 | 2006 (Feb.<br>17 <sup>th</sup> ) | Bayesian networks and probabilistic inference in forensic science. John Wiley & Sons Ltd, 354 pp. (second author; first author F. Taroni, and P. Garbolino (3 <sup>rd</sup> ) and A. Biedermann (4 <sup>th</sup> )).  |
| B4 | 2010 (April)                     | Data analysis in forensic science: a Bayesian decision perspective, John Wiley & Sons Ltd, about 300 pp. (fifth author, other authors are F. Taroni(1 <sup>st</sup> ), S.Bozza(2 <sup>nd</sup> ), P. Garbolino(3 <sup>rd</sup> ), A. Biedermann(4 <sup>th</sup> )).                           |
| B5 | 2014 (Dec.<br>2013)              | Evidential value of multivariate physicochemical data. John Wiley and Sons Ltd. (320pp) (fourth author: other authors are G. Zadora (1 <sup>st</sup> ), A. Martyna (2 <sup>nd</sup> ), D. Ramos (3 <sup>rd</sup> )).  |
| B6 | 2014                             | Bayesian networks and probabilistic inference in forensic science. John Wiley and Sons Ltd, (2 <sup>nd</sup> edition, about 500 pp) (fifth author: other authors are F. Taroni(1 <sup>st</sup> ), A. Biedermann(2 <sup>nd</sup> ), S.Bozza(3 <sup>rd</sup> ), P. Garbolino(4 <sup>th</sup> )) |
| B7 | 2021                             | Statistics and the evaluation of evidence for forensic scientists. John Wiley and Sons Ltd. (3 <sup>rd</sup> edition, about 1200 pp.) (first author, with F. Taroni and S. Bozza).  |
| E1 | 1991*                            | (Edited jointly with D.A. Stoney, myself as Principal Editor.)<br>The Use of Statistics in Forensic Science, Ellis Horwood, Chichester, 240 pp.<br>(Includes two contributions by CGGA, one as sole author (S6), one as joint author (J12)).  |

### Book chapters:

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| C1 | 1996 | Bayesian belief networks with an application in specific case analysis. (with A. Gammerman, G. Zhang, T. Connolly, D. Bailey, R. Gordon, R. Oldfield) In 'Computational Learning and Probabilistic Reasoning'. (A. Gammerman, Editor). John Wiley & Sons Ltd., pp 169-184. |
| C2 | 2000 | Sample size determination and evidence interpretation. In 'Statistical Science in the Courtroom' (J. Gastwirth, Editor). Springer-Verlag pp.1-24.  |
| C3 | 2002 | Statistical techniques and their role in evidence interpretation. In 'Forensic Medicine: Clinical and Pathological Aspects' (J. Payne-James, and A. Busuttill, Editors) Greenwich Medical Media Ltd., pp. 755-776.   |

- C4 2018 Inductive, abductive and probabilistic reasoning. Shafer,B. and Aitken,C.G.G. *Handbook of legal reasoning and argumentation*, Bongiovanni, G., Postema, G., Rotolo, A., Sartor, G., Valentini, C., Walton, D. (Eds.) Springer, pp. 275-313.
- C5 2021 Aitken,C.G.G. and Taroni,F. The history of forensic statistics: a thematic perspective. *Handbook of Forensic Statistics*, edited by Banks, D., Kafadar,K., Kaye, D.H. and Tackett,M. Springer, pp. 3-36.

**Papers:**

**Sole author**

- S1 1978 Methods of discrimination in multivariate binary data. In COMPSTAT 1978, Eds. L.C.A. Corsten and J. Hermans, 155-161. Vienna Physica Verlag, 1978.
- S2 1983 Kernel methods for the estimation of discrete distributions. *Journal of Statistical Computation and Simulation*, 16, 189-200.
- S3\* 1983 Statistics and forensic science - a fruitful partnership. Guest editorial, *Journal of the Forensic Science Society*, 23, 3-4.
- S4\* 1986 Statistical discriminant analysis in forensic science. *Journal of the Forensic Science Society*, 26, 237-247.
- S5\* 1991 Population and samples. In E1: The Use of Statistics in Forensic Science (C.G.G. Aitken and D.A. Stoney, Editors), Ellis Horwood, Chichester, 51-82.
- S6\* 1999 Sampling – how big a sample? *Journal of Forensic Sciences*, 44, 750-760; 10.1520/JFS14549J
- S7 2009 Some thoughts at the interface of law and statistics. *Law, Probability and Risk*, 8, 73-83, doi:10.1093/lpr/mgp019

**Joint author**

- J1\* 1976 (with J. Aitchison) Multivariate binary discrimination by the kernel method. *Biometrika*, 63, 413-420.
- J2 1979 (with D.G. MacDonald) An application of discrete kernel methods to forensic odontology. *Applied Statistics*, 28, 55-61. (M)
- J3 1985 (with P.G.G. Darke and M.V. Thrusfield) The association between tail injuries and docking in dogs. *The Veterinary Record*, 116, 409. (E with MVT)
- J4 1985 (with P.G.G. Darke and M.V. Thrusfield) Observations on breed and sex in relation to canine heart valve incompetence. *Journal of Small Animal Practice*, 26, 709-717. (E with MVT)
- J5 1986 (with J. Robertson) The value of microscopic features in the forensic examination of human head hairs: (i) statistical analysis of questionnaire returns, (ii) analysis of comments contained in questionnaire returns. *Journal of Forensic Sciences*, 31, 546-573.(E)
- J6\* 1987 (with J. Robertson) A contribution to the discussion of probabilities and human hair comparisons. *Journal of Forensic Sciences*, 32, 684-689. (M)

- J7\* 1987 (with I.W. Evett and P.E. Cage) Evaluation of the likelihood ratio for fibre transfer evidence in criminal cases. *Applied Statistics*, 36, 174-180. (E)
- J8 1989 (with P.F. Rae, M.V. Thrusfield, A. Higgins, T.W. Jones and A.G. Luckins). Evaluation of enzyme immunoassays in the diagnosis of camel (*Camelus dromedarius*) trypanosomiasis: a preliminary investigation. *Epidemiology and Infection*, 102, 297-307.
- J9\* 1989 (with K.P.-S. Chan) Estimation of the Bayes' factor in a forensic science problem. *Journal of Statistical Computation and Simulation*, 33, 249-264. (E)
- J10\* 1989 (with A. Gammerman) Probabilistic reasoning in evidential assessment. *Journal of the Forensic Science Society*, 29, 303-316. (E)
- J11 1989 (with M.V. Thrusfield and R.H. Muirhead) A field investigation of kennel cough. 1 : Efficacy of vaccination, *Journal of Small Animal Practice*, 30, 550-560. (E with MVT)
- J12\* 1991 (with J. Robertson) Human hairs. In *E1: The Use of Statistics in Forensic Science* (C.G.G. Aitken and D.A. Stoney, Editors), Ellis Horwood, Chichester, 162-168. (E)
- J13 1991 (with M.V. Thrusfield and R.H. Muirhead) A field investigation of kennel cough. 2 : Incubation period and clinical signs. *Journal of Small Animal Practice*, 32, 215-220. (E with MVT)
- J14 1991 (with J. Innes and F. Mitchell) Prediction of small company failure. *Credit Management*, September, 1991, 37-41. (E)
- J15 1991 (with M.V. Thrusfield and R.H. Muirhead) A field investigation of kennel cough. 3 : Efficacy of different treatments. *Journal of Small Animal Practice*, 32, 455-459. (E with MVT)
- J16 1992 (with M.J. Brewer, Z. Luo, A. Gammerman) Stochastic simulation in mixed graphical models. *Computational Statistics*, Vol. 1. (Dodge, Y. and Whittaker, J., Eds.) *Physica-Verlag*, 257-262.
- J17 1994 (with A. Gammerman, Z. Luo & M.J. Brewer) Computational systems for mixed graphical models. In *UNICOM Adaptive Computing and Information Processing*, Seminar Proceedings, 143-163.
- J18 1995 (with A. Gammerman, Z. Luo, M.J. Brewer) Exact and approximate algorithms and their implementations in mixed graphical models. In 'Probabilistic reasoning and Bayesian belief networks' (A. Gammerman, Editor) *Alfred Waller Ltd.*, pp33-54.
- J19\* 1995 (with J. Shaw and M. Talbot) Contaminant detection in the visual inspection of seed samples. *Applied Statistics*, 44, 431-440. (M)
- J20 1996 (with M.J. Brewer and M. Talbot) A comparison of hybrid strategies for Gibbs sampling in mixed graphical association models. *Computational Statistics and Data Analysis*, 21, 343-365.
- J21\* 1996 (with A. Gammerman, G. Zhang, T. Connolly, D. Bailey, R. Gordon, and R. Oldfield) Bayesian belief networks with an application in specific case analysis. In *Computational Learning and Probabilistic Reasoning* (A. Gammerman, Editor), *John Wiley & Sons Ltd.*, pp.169-184. (M).

- J22\* 1996 (with J. Bring) 'U.S. v Shonubi' and the use of statistics in courts. *Expert Evidence*, 4, 134-142. (E).
- J23\* 1996 (with T. Connolly, A. Gammerman., G. Zhang, D. Bailey, R. Gordon, and R. Oldfield) Statistical modelling in specific case analysis. *Science and Justice*. 36, 245-255. (M). (1996 winner of the P.W. Allen award of the Forensic Science Society.)
- J24\* 1997 (with J. Bring, T. Leonard and O. Papanoulotis) Estimation of quantities of drugs handled and the burden of proof. *Journal of the Royal Statistical Society, Series A*, 160 , 333-350. (M)
- J25 1997 (with F. Taroni) Forensic science at trial. *Jurimetrics*, 37, 327-337.
- J26\* 1997 (with J. Bring) Burden of proof and estimation of drug quantities under the Federal Sentencing Guidelines, *Cardozo Law Review*. 18, 1987-1999.
- J27 1998 (with F. Taroni) Probabilités et preuve par l' AND dans les affaires civiles et criminelles. *Questions de la cour et réponses fallacieuses des experts. Revue Pénale Suisse*, 116, 291-313.
- J28\* 1998 (with F. Taroni) Probabilistic reasoning in the law, part 1: assessment of probabilities and explanation of the value of DNA evidence. *Science and Justice*, 38, 165-177. (E)
- J29\* 1998 (with F. Taroni) Probabilistic reasoning in the law, part 2: assessment of probabilities and explanation of the value of trace evidence other than DNA. *Science and Justice*, 38, 179-188. (E)
- J30\* 1999 (with F.Taroni) The likelihood approach to compare populations: a study on DNA evidence and pitfalls of intuitions. *Science and Justice*, 39, 213 - 222.
- J31 2000 (with F.Taroni) DNA evidence, probabilistic evaluation and collaborative tests. *Forensic Science International*, 108, 121-143.
- J32 2000 (with F. Taroni) Fibers evidence, probabilistic evaluation and collaborative tests. *Forensic Science International*, 114, 45-47.
- J33\* 2001 (with F. Taroni and P. Garbolino) De Finetti's subjectivism, the assessment of probabilities and the evaluation of evidence: a commentary for forensic scientists. *Science and Justice*, 41, 145-150. (E)
- J34\* 2002 (with D. Lucy) Estimation of the quantity of a drug in a consignment from measurements on a sample. *Journal of Forensic Sciences*, 47, 968-975. (M)
- J35 2002 (with D. Lucy) The role of roster data and evidence of attendance in cases of suspected excess deaths in a medical context. *Law, Probability and Risk*, 1, 141-160.
- J36\* 2003 (with W.C. Thompson and F. Taroni ) How the probability of a false positive affects the value of DNA evidence. *Journal of Forensic Sciences*, 48, 47-54.

- J37\* 2003 (with F. Taroni and P. Garbolino) A graphical model for the evaluation of cross-transfer evidence in DNA profiles. *Theoretical Population Biology*, 63, 179-190. (M)
- J38 2004 (with F. Taroni, A. Biedermann, and P. Garbolino) A general approach to Bayesian networks for the interpretation of evidence. *Forensic Science International*, 139, 5-16.
- J39\* 2004 (with D. Lucy) Evaluation of trace evidence in the form of multivariate data. *Applied Statistics*, 53, 109-122; with corrigendum 665-666. (M) <https://doi.org/10.1046/j.0035-9254.2003.05271.x>
- J40 2005 (with F. Taroni and S. Bozza) Decision analysis in forensic science. *Journal of Forensic Sciences*, 50, 894-905.
- J41\* 2006 (with D. Lucy, G. Zadora and J.M. Curran) Evaluation of trace evidence for three-level multivariate data with the use of graphical models, *Computational Statistics and Data Analysis*, 50, 2571-2588. (M) [doi:10.1016/j.csda.2005.04.005](https://doi.org/10.1016/j.csda.2005.04.005)
- J42 2006 (with Shen,Q., Keppens,J., Schafer,B. and Lee,M.) A scenario-driven decision support system for serious crime investigation. *Law, Probability and Risk*, 5, 87-117. (doi:10.1093/lpr/mgl014)
- J43\* 2007 (with G. Zadora and D. Lucy) A two-level model for evidence evaluation. *Journal of Forensic Sciences*, 52, 412-419. (M) 10.1111/j.1556-4029.2006.00358.x
- J44 2007 (with Shen,Q., Jensen,R. and Hayes, B. ) The evaluation of evidence for exponentially distributed data. *Computational Statistics and Data Analysis*, 51 (12), 5682-5693. (doi:10.1016/j.csda.2007.05.026)
- J45 2007 Information-theoretical comparison of likelihood ratio methods of forensic evidence evaluation  
Ramos, Daniel; Gonzalez-Rodriguez, Joaquin; Zadora, Grzegorz; Zieba-Palus, Janina; Aitken, Colin;  
Information Assurance and Security, 2007. IAS 2007. Third International Symposium on  
29-31 Aug. 2007 Page(s):411 - 416
- J46 2008 (with Taroni,F.) Fundamentals of statistical evidence – a primer for legal professionals. *International Journal of Evidence and Proof*, 12, 181-207, doi:1350/ijep.2008.12.3.296.
- J47 2008 (with Biedermann,A., Taroni,F., and Bozza,S.) Analysis of sampling issues using Bayesian networks. *Law, Probability and Risk*, 7, 35-60, doi: 10.1093/lpr/mgm041.
- J48 2009 (with Mavridis,D.) Sample size determination for categorical responses. *Journal of Forensic Sciences*. 54,135-151 doi: 10.1111/j.1556-4029.2008.00920.x
- J49 2010 (with Zadora,G. and Neocleous,T) A two-level model for evidence evaluation in the presence of zeros. *Journal of Forensic Sciences*, 55, 371-384, doi: 10:1111/j.1556-4029.2009.01316.x
- J50 2010 (with Roberts, P. and Jackson, G.) Fundamentals of probability and statistical evidence in criminal proceedings. Royal Statistical Society, <http://www.rss.org.uk/statsandlaw> (M)

- J51 2011 (with Neocleous,T and Zadora,G.) Transformations for compositional data with zeros with an application to forensic evidence evaluation. *Chemometrics and Intelligent Laboratory Systems*, 109, 77-85, doi:10.1016/j.chemolab.2011.08.003
- J52 2011 (with Redmayne,M., Roberts,P. and Jackson,G. ) Forensic science evidence in question. *Criminal Law Review*, issue 5, 347-356.
- J53 2012 (with Puch-Solis, Roberts,P., Pope,S.) Assessing the probative value of DNA evidence. Royal Statistical Society, <http://www.rss.org.uk/statsandlaw>
- J54 2013 (with Ramos,D., Gonzalez-Rodriquez,J.,Zadora,G.) Information-theoretical assessment of the performance of likelihood ratio computation methods. *Journal of Forensic Sciences*, 58, 1503-1518. DOI: 10.1111/1556-4029.12233.
- J55 2013 (with Biedermann,A., Hicks,T., Voisard,R., Taroni,F., Champod,C. and Evett,I.W.) E-learning initiatives in forensic interpretation: report on experiences from current projects and outlook. *Forensic Science International*. 230, 2-7 (Author 6 of 7)
- J56 2013 (with Erica Gold) Evidence evaluation for discrete data. *Forensic Science International* 230, 147-155.
- J58 2013 Roberts,P. and Aitken,C.G.G. The Logic of Forensic Proof: inferential reasoning in criminal evidence and forensic science. The Royal Statistical Society. Preprint available from <http://www.maths.ed.ac.uk/~cgga>
- J59 2013 Jackson,G., Aitken,C.G.G. and Roberts,P. Case assessment and interpretation of expert evidence. The Royal Statistical Society. Preprint available from <http://www.maths.ed.ac.uk/~cgga>
- J59 2014 Wilson,A., Aitken,C.G.G., Sleeman,R. and Carter,J. The evaluation of evidence relating to traces of cocaine on banknotes. *Forensic Science International* 236, 67-76.
- J60 2014 Biedermann,A., Taroni,F. and Aitken,C.G.G. Liberties and constraints of the normative approach to evaluation and decision in forensic science: a discussion towards overcoming some common misconceptions. *Law, Probability and Risk*. 13, 181-191, doi: 10.1093/lpr/mgu009
- J61 2015 Wilson,A., Aitken,C.G.G., Sleeman,R. and Carter,J. The evaluation of evidence for autocorrelated data with an example relating to traces of cocaine on banknotes. *Applied Statistics*. 64, 275-298.
- J62 2016 Taroni,F., Bozza,S., Biedermann,A. and Aitken,C.G.G. Dismissal of the illusion of uncertainty in the assessment of a likelihood ratio. *Law, Probability and Risk*, 15, 1-16; and rejoinder: 31-34.
- J63 2016 Biedermann,A., Taroni,F., Bozza,S. and Aitken,C.G.G. Reframing the debate: a question of probability, not of likelihood ratio. *Science and Justice*, 56, 392-396.
- J64 2017 Biedermann,A., Bozza,S., Taroni,F. and Aitken,C. The consequences of understanding expert probability reporting as a decision. *Science and Justice*, 57, 80-85.

- J65 2017 Aitken,C., Wilson,A., Sleeman,R., Morgan,B., Huish,J. Distribution of cocaine on banknotes in general circulation in England and Wales. *Forensic Science International*, 270, 261-266.
- J66 2017 Aitken,C.G.G.and Huang,C. Evidence evaluation for hierarchical, longitudinal, binary data using a distance measure. *Statistica Applicata - Italian Journal of Applied Statistics*, 27, 213-223.
- J67 2017 Biedermann,,A., Bozza,S., Taroni,F. and Aitken,C.G.G. The meaning of justified subjectivism and its role in the reconciliation of recent disagreements over forensic probabilism. *Science and Justice*, 57, 477-483.
- J68 2017 McDermott,Y. and Aitken,C.G.G. Analysis of evidence in international criminal trials using Bayesian belief networks. *Law, Probability and Risk*, 16, 111-129.
- J69 2017 Aitken,C.G.G. and Nordgaard,A. Letter to the Editor – The roles of participants’ differing background information in the evaluation of evidence. *Journal of Forensic Sciences*, doi: 10.1111/1556-4029.13712
- J70 2018 Aitken,C.G.G., Nordgaard,A., Taroni,F. and Biedermann,A. Commentary: Likelihood ratio as weight of forensic evidence: a closer look. *Frontiers in Genetics: Statistical Genetics and Methodology*, <https://doi.org/10.3389/fgene.2018.00224>
- J71 2018 Aitken,C.G.G. Bayesian hierarchical random effects models in forensic science. *Frontiers in Genetics: Statistical Genetics and Methodology*. <https://doi.org/10.3389/fgene.2018.00126>
- J72 2018 Biedermann, A., Taroni, F Bozza, S., Augsburg, M., Aitken, C.G.G. Critical analysis of forensic cut-offs and legal thresholds: a coherent approach to inference and decision. *Forensic Science International* 288, 72-80, <https://doi.org/10.1016/j.forsciint.2018.04.030>
- J73 2018 Taroni,F., Garbolino,P., Biedermann,A., Aitken,C.G.G. and Bozza,S. Reconciliation of subjective probabilities and frequencies in forensic science. *Law, Probability and Risk*, 17, 243-262, <https://doi.org/10.1093/lpr/mgy014>.
- J74 2018 Aitken,C.G.G. and Mavridis, D. Reasoning under uncertainty. *Evidence-Based Mental Health*, 22, 44-48, <http://dx.doi.org/10.1136/ebmental-2018-300074>
- J75 2018 Aitken, C.G.G. Statistical significance – meaningful or not. *Law, Probability and Risk*, 17, 157-162. <https://doi:10.1093/lpr/mgy005>
- J76 2019 Aitken,C.G.G., Chang,Y.-T., Buzzini,P., Zadora,G. and Massonnet,G. The evaluation of evidence for microspectrophotometry data using functional data analysis. *Forensic Science International*. 10.1016/j.forsciint.2019.110007
- J77 2020 Aitken,C.G.G., Chang,Y.-T., Buzzini,P., Zadora,G. and Massonnet,G. Letter to the Editor in response to FSI 314 (2020) 110388. *Forensic Science International*, 316 (November), 110478.

J78	2020	Taroni,F., Juchli,P. and Aitken,C.G.G. A probabilistic account of the concept of cross-transfer and inferential interactions for trace materials. <i>Law, Probability and Risk</i> , 19, 221-233 mgaa015, <a href="https://doi.org/10.1093/lpr/mgaa015">https://doi.org/10.1093/lpr/mgaa015</a>
J79	2021	(Taroni,F., Garbolino.P. and Aitken,C.G.G.) A generalised Bayes' factor formula for evidence evaluation under activity level propositions around a fibres scenario. <i>Forensic Science International</i> . 322 <a href="https://doi.org/10.1016/j.forsciint.2021.110750">https://doi.org/10.1016/j.forsciint.2021.110750</a>
J80	2021	(Taroni,F., Garbolino,P., Bozza,S. and Aitken,C.G.G.) The Bayes' factor: the coherent measure for hypothesis confirmation. <i>Law, Probability and Risk</i> . doi:10.1093/lpr/mgab007
J81	2022	(Aitken,C.G.G., Taroni,F. and Bozza,S.) Evidence, probability and relative plausibility. <i>International Journal of Evidence and Proof</i> , DOI: 10.1177/13657127221114508, 26(4), 309-324.

**Notes, reviews, etc.**

R1	1985	(with M.V. Thrusfield) An introduction to veterinary observational studies. Society for Veterinary Epidemiology and Preventive Medicine, 35pp.
R2	1988	(with M. Talbot, A. Gammerman and C. Helgesen) A strategy for the development of a statistical expert system toolkit. COMPSTAT 88 (Short communications and posters) (D. Edwards and N.E. Raun, Eds.) Physica Verlag, Heidelberg, 75.
R3	1989	(with M. Talbot and A. Gammerman) Development of expert system tools for routine data monitoring. Eurostat News (Special Edition) Proceedings of Seminar 'Development of Statistical Expert Systems', Luxembourg, 1987, 160-167.
R4*	1991	The First International Conference on Forensic Statistics - A report (Edited by CGGA with an Introduction by CGGA) <i>Journal of the Royal Statistical Society, Series A</i> , 154, 45-130. (Introduction: 45-48.)
R5*	1992	Seconding of Vote of Thanks to: Berry, D.A., Evett, I.W. and Pinchin, R. Statistical inference in crime investigations using deoxyribonucleic acid profiling. <i>Applied Statistics</i> 41, 522-523.
R6	1992	(with M. Talbot, J. Calzadilla, D. Conniffe, F. Eicker, A. Gammerman, A. Unwin and G. Wright) Linking informal knowledge and expertise to forecasting models. Proceedings of 'New techniques and technologies for statistics', Bonn. Eurostat, 88-94.
R7	1993	Statistics and the Law: report of a discussion session at The Royal Statistical Society Conference, Sheffield, September 1992. <i>Journal of the Royal Statistical Society, Series A</i> , 156, 301-304.

- R8 1994 Evaluating evidence for identification. *Southern California Inter- disciplinary Law Journal* 4, 49-66.
- R9 1995 Proposing a Vote of Thanks to Balding, D. and Donnelly, P. Inference in forensic identification. *Journal of the Royal Statistical Society, Series A*, 158, 40-41.
- R10\* 1995 (with T. Connolly, A. Gammernan, G. Zhang, R. Oldfield) Research report: Predicting an offender's characteristics: an evaluation of statistical modelling. Home Office Police Research Group, Special Interest Series. 51 pp. (M)
- R11 1996 Lies, damned lies and expert witnesses. *Mathematics Today*. 32, 76-80.
- R12 1996 (with F. Taroni) Interpretation of scientific evidence (Refereed letter to Editor), *Science and Justice*, 36, 290-292.
- R13 1997 The Third International Conference on Forensic Statistics - a report. (Edited by CGGA with an Introduction by CGGA.) *Journal of the Royal Statistical Society, Series A*, 160, 271-357 (Introduction: 271-273).
- R14 1998 Statistics and forensic medicine. Invited contribution to *Encyclopaedia of Biostatistics* (P. Armitage, P and T. Colton, Editors), Volume 2, 1555-1557, John Wiley & Sons Ltd., Chichester.
- R15\* 1998 (with F. Taroni) A verbal scale for the interpretation of evidence (Refereed letter to Editor), *Science and Justice*, 38, 279-281. (M)
- R16 2000 Statistical interpretation of evidence: Bayesian analysis. *Encyclopaedia of Forensic Sciences* (Siegel, J., Editor-in-Chief), Academic Press. Volume 2, pp 717-724.
- R17 2002 (Aitken, C.G.G., Redmayne, M., Taroni, F., Tillers, P.) *Law, Probability and Risk: an introduction from the editors. Law, Probability and Risk*, 1, 1-2.
- R18\* 2003 Conviction by probability? *New Law Journal*, 153, number 7090, 1153-1154. (Invited article.)
- R19\* 2003 The evaluation of evidence (transcript of plenary lecture). *Australian Journal of Forensic Sciences*, 35, 105-114.
- R20 2006 Forensic Science, Statistics. In *Encyclopaedia of Statistical Sciences*, John Wiley & Sons Ltd, pp 2439-2445.
- R21 2006 Preface to Proceedings of One Day One Topic Seminar 'Evidence and Statistics', Krakow, Poland, November 27<sup>th</sup> 2004. *Problems in forensic sciences*, LXV, 49-50 (Polish: 51-52).
- R22 2006 Statistics in forensic science. Part I. An aid to investigation. *Problems in forensic sciences*, LXV, 53-61. (Polish: 62-67)

- R23 2006 Statistics in forensic science. Part II. An aid to the evaluation of evidence. *Problems in forensic sciences*, LXV, 68-75 (Polish: 76-81).
- R24 2006 (with Biedermann,A. and Taroni,F.) Conclusion scale for shoeprint and toolmarks examination. *Journal of Forensic Identification* 56, 685-689.
- R25 2009 Some thoughts on the role of probabilistic reasoning in the evaluation of evidence. In *Criminal and environmental soil forensics* (Ritz,K., Dawson,L., Miller,D. (Editors) Springer, pp. 33-47.
- R26 2009 Statistics and Forensic Science. In *Handbook of Forensic Science*. (Fraser,J. and Williams,R. (Editors) Willan Publishing Ltd. , UK, pp. 381 – 418.
- R27 2009 Interpreting expert opinions, History of. In *Wiley Encyclopaedia of Forensic Science*. Jamieson,A. and Moenssens,A. (Editors) John Wiley and Sons Ltd., Chichester, UK, pp1579-1586.
- R28 2009 Sampling and estimation of quantities. In *Wiley Encyclopaedia of Forensic Science*. Jamieson,A. and Moenssens,A. (Editors) John Wiley and Sons Ltd., Chichester, UK, pp. 2281-2291.
- R29 2010 Use and abuse of statistics. *The Magistrate Magazine*, May.
- R30 2011 (Roberts,P., Jackson,G. and Redmayne,M.) When the numbers count – part 2. *Criminal law and Justice Weekly*, 175, 319.
- R31 2013 The Eighth International Conference on Forensic Inference and Statistics - Introduction  
Law, Probability and Risk 2013; doi: 10.1093/lpr/mgt001
- R32 2014 (Biedermann,A., Hicks,T., Taroni,F., Champod,C. and Aitken,C.G.G.) On the use of a likelihood ratio for forensic evaluation. Response to Fenton et al, *Science and Justice*, 54, 314-316.
- R33 2015 (Roberts,P, Aitken,C.G.G. and Jackson,G.) From admissibility to interpretation: new guidance on expert evidence. *Criminal Law and Justice Weekly*, 179, July 11<sup>th</sup>, 538-542.
- R34 2015 (Roberts,P, Aitken,C.G.G. and Jackson,G.) From admissibility to interpretation: new guidance on expert evidence – part 2. *Criminal Law and Justice Weekly*, 179, July 18<sup>th</sup>, 564-566.
- R35 2017 (Aitken, CGG) Obituary for Mike Redmayne (1967-2015)  
*Law, Probability and Risk*, 16, 3.  
<https://doi:10.1093/lpr/mgw013>

	R36	2018	(Aitken, CGG) Obituary for David Lucy (1964-2018) <i>Law, Probability and Risk</i> , 17, 199. <a href="https://doi:10.1093/lpr/mgy017">https://doi:10.1093/lpr/mgy017</a>
	R37	2021	(Aitken, CGG) Interview with Colin Aitken. <i>Law, Probability and Risk</i> , 20, 63-68. <a href="https://doi.org/10.1093/lpr/mgac001">https://doi.org/10.1093/lpr/mgac001</a>
<b>Accepted papers</b>	A1	2022	(Taroni,F., Biedermann,A. and Aitken,C.G.G.) Statistical Interpretation of Evidence: Bayesian Analysis. <i>Encyclopaedia of Forensic Sciences</i> . Elsevier.
	A2	2024	(Aitken, C G G, Taroni, F and Bozza, S.) The role of the Bayes factor in the evaluation of evidence. <i>Annual Review of Statistics and its Application</i> . 11:12.1–12.24
 <b>Amici Brief</b>			
	2006		Re: People v. Michael Johnson, California Supreme Court, No. S144821.
	2007		Re: People v. Dennis Louis Nelson, California Supreme Court No. S147051
	2009		Re: McDaniel, Warden et al. v. Brown, Supreme Court of the United States, 08-559.