

Ruth M Morgan

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.

93
papers

1,394
citations

20
h-index

32
g-index

99
ext. papers

1,678
ext. citations

2.2
avg, IF

5.29
L-index

#	Paper	IF	Citations
93	Cognitive bias in forensic anthropology: visual assessment of skeletal remains is susceptible to confirmation bias. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2014 , 54, 208-14	2	89
92	The philosophy, nature and practice of forensic sediment analysis. <i>Progress in Physical Geography</i> , 2007 , 31, 43-58	3.5	69
91	The forensic analysis of soils and sediment taken from the cast of a footprint. <i>Forensic Science International</i> , 2006 , 162, 6-12	2.6	65
90	The transfer and persistence of trace particulates: experimental studies using clothing fabrics. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2006 , 46, 185-95	2	55
89	Sediment fingerprints: a forensic technique using quartz sand grains. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2006 , 46, 107-24	2	51
88	Suspect screening and quantification of trace organic explosives in wastewater using solid phase extraction and liquid chromatography-high resolution accurate mass spectrometry. <i>Journal of Hazardous Materials</i> , 2017 , 329, 11-21	12.8	46
87	Conceptualising forensic science and forensic reconstruction. Part I: A conceptual model. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2017 , 57, 455-459	2	43
86	An experimental investigation of the indirect transfer and deposition of gunshot residue: further studies carried out with SEM-EDX analysis. <i>Forensic Science International</i> , 2015 , 247, 14-7	2.6	41
85	Trace DNA evidence dynamics: An investigation into the deposition and persistence of directly- and indirectly-transferred DNA on regularly-used knives. <i>Forensic Science International: Genetics</i> , 2017 , 29, 38-47	4.3	40
84	The role of forensic geoscience in wildlife crime detection. <i>Forensic Science International</i> , 2006 , 162, 152-68	2.6	39
83	The secondary transfer of gunshot residue: an experimental investigation carried out with SEM-EDX analysis. <i>X-Ray Spectrometry</i> , 2014 , 43, 56-61	0.9	37
82	Persistence of DNA from laundered semen stains: Implications for child sex trafficking cases. <i>Forensic Science International: Genetics</i> , 2015 , 19, 165-171	4.3	32
81	The transferability of diatoms to clothing and the methods appropriate for their collection and analysis in forensic geoscience. <i>Forensic Science International</i> , 2014 , 241, 127-37	2.6	32
80	Letter to the Editor - The Bias Snowball and the Bias Cascade Effects: Two Distinct Biases that May Impact Forensic Decision Making. <i>Journal of Forensic Sciences</i> , 2017 , 62, 832-833	1.8	31
79	The relevance of the evolution of experimental studies for the interpretation and evaluation of some trace physical evidence. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2009 , 49, 277-85	2	29
78	A Preliminary Investigation into the Accuracy of 3D Modeling and 3D Printing in Forensic Anthropology Evidence Reconstruction. <i>Journal of Forensic Sciences</i> , 2019 , 64, 342-352	1.8	29
77	Conceptualising forensic science and forensic reconstruction. Part II: The critical interaction between research, policy/law and practice. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2017 , 57, 460-467	2	26

76	A systematic analysis of misleading evidence in unsafe rulings in England and Wales. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2018 , 58, 128-137	2	26
75	Data Interpretation in Forensic Sediment and Soil Geochemistry. <i>Environmental Forensics</i> , 2006 , 7, 325-334		22
74	The influence of fabric surface characteristics on satellite bloodstain morphology. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2014 , 54, 262-6	2	21
73	The effect of pressure on DNA deposition by touch. <i>Forensic Science International: Genetics Supplement Series</i> , 2017 , 6, e12-e14	0.5	20
72	The deposition and persistence of indirectly-transferred DNA on regularly-used knives. <i>Forensic Science International: Genetics Supplement Series</i> , 2015 , 5, e498-e500	0.5	20
71	The reincorporation and redistribution of trace geoforensic particulates on clothing: an introductory study. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2010 , 50, 195-9	2	20
70	Cascading Bias of Initial Exposure to Information at the Crime Scene to the Subsequent Evaluation of Skeletal Remains. <i>Journal of Forensic Sciences</i> , 2018 , 63, 403-411	1.8	20
69	The spatial and temporal distribution of pollen in a room: forensic implications. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2014 , 54, 49-56	2	19
68	Multiple transfers of particulates and their dissemination within contact networks. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2012 , 52, 33-41	2	18
67	The use of grain size distribution analysis of sediments and soils in forensic enquiry. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2007 , 47, 125-35	2	18
66	Development of a HS-SPME/GC-MS method for the analysis of volatile organic compounds from fabrics for forensic reconstruction applications. <i>Forensic Science International</i> , 2018 , 290, 207-218	2.6	17
65	Investigation of quartz grain surface textures by atomic force microscopy for forensic analysis. <i>Forensic Science International</i> , 2012 , 223, 245-55	2.6	17
64	Experimental forensic studies of the preservation of pollen in vehicle fires. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2014 , 54, 141-5	2	16
63	A critique of the present use of some geochemical techniques in geoforensic analysis. <i>Forensic Science International</i> , 2008 , 178, e35-40; author reply e41-6	2.6	15
62	On reiterative justice. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2004 , 44, 173	2	15
61	Fingermark submission decision-making within a UK fingerprint laboratory: Do experts get the marks that they need?. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2015 , 55, 239-47	2	14
60	Energy regimes for aeolian sand grain surface textures. <i>Sedimentary Geology</i> , 2012 , 253-254, 17-24	2.8	14
59	A Forensic Geoscience Framework and Practice. <i>Policing (Oxford)</i> , 2008 , 2, 185-195	1.2	14

58	The recovery of pollen evidence from documents and its forensic implications. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2013 , 53, 375-84	2	13
57	The preservation of quartz grain surface textures following vehicle fire and their use in forensic enquiry. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2008 , 48, 133-40	2	13
56	The forensic disclosure model: What should be disclosed to, and by, forensic experts?. <i>International Journal of Law, Crime and Justice</i> , 2019 , 59, 100330	0.9	12
55	A cultural change to enable improved decision-making in forensic science: A six phased approach. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2020 , 60, 9-19	2	12
54	The potential for geochemical discrimination of single- and mixed-source soil samples from close proximity urban parkland locations. <i>Australian Journal of Forensic Sciences</i> , 2017 , 49, 161-174	1.1	11
53	Understanding forensic expert evaluative evidence: A study of the perception of verbal expressions of the strength of evidence. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2017 , 57, 221-227		10
52	The transfer of diatoms from freshwater to footwear materials: An experimental study assessing transfer, persistence, and extraction methods for forensic reconstruction. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2017 , 57, 349-360	2	10
51	Quartz grain surface textures of soils and sediments from Canberra, Australia: A forensic reconstruction tool. <i>Australian Journal of Forensic Sciences</i> , 2010 , 42, 169-179	1.1	10
50	Freshwater diatom transfer to clothing: Spatial and temporal influences on trace evidence in forensic reconstructions. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2019 , 59, 292-305	2	10
49	Journey history reconstruction from the soils and sediments on footwear: An empirical approach. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2019 , 59, 306-316	2	10
48	Forensic science needs both the Qedgehog and the Cox. <i>Forensic Science International</i> , 2018 , 292, e10-e12		10
47	The suitability of visual taphonomic methods for digital photographs: An experimental approach with pig carcasses in a tropical climate. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2018 , 58, 167-176	2	9
46	Using Bayesian networks to guide the assessment of new evidence in an appeal case. <i>Crime Science</i> , 2016 , 5, 9	6.6	9
45	Analysis of transferred fragrance and its forensic implications. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2016 , 56, 413-420	2	9
44	The discrimination of geoforensic trace material from close proximity locations by organic profiling using HPLC and plant wax marker analysis by GC. <i>Forensic Science International</i> , 2018 , 288, 310-326	2.6	9
43	The identification of markers for Geoforensic HPLC profiling at close proximity sites. <i>Forensic Science International</i> , 2017 , 272, 127-141	2.6	8
42	Detection of trace peroxide explosives in environmental samples using solid phase extraction and liquid chromatography mass spectrometry. <i>Environmental Forensics</i> , 2017 , 18, 50-61	1.6	8
41	Automated texture recognition of quartz sand grains for forensic applications. <i>Journal of Forensic Sciences</i> , 2012 , 57, 1285-9	1.8	8

40	The Forensic Analysis of Sediments Recovered from Footwear 2009 , 253-269		8
39	SEM-EDS analysis and discrimination of forensic soil by Cengiz et al. A comment. <i>Forensic Science International</i> , 2005 , 155, 222-4; author reply 225	2.6	7
38	Simulating forensic casework scenarios in experimental studies: The generation of footwear marks in blood. <i>Forensic Science International</i> , 2016 , 264, 34-40	2.6	6
37	Opportunistic crimes: Evaluation of DNA from regularly-used knives after a brief use by a different person. <i>Forensic Science International: Genetics</i> , 2019 , 42, 135-140	4.3	6
36	Evaluation of particle-induced X-ray emission and particle-induced β ray emission of quartz grains for forensic trace sediment analysis. <i>Analytical Chemistry</i> , 2012 , 84, 2260-7	7.8	6
35	The Value of an Empirical Approach for the Assessment of Diatoms as Environmental Trace Evidence in Forensic Limnology. <i>Archaeological and Environmental Forensic Science</i> , 2017 , 1, 49-78	0.5	6
34	A step-by-step method for producing 3D crania models from CT data. <i>Forensic Imaging</i> , 2020 , 23, 2004040.6	0.6	6
33	High Performance Liquid Chromatography as a valuable tool for geoforensic soil analysis. <i>Australian Journal of Forensic Sciences</i> , 2017 , 49, 421-448	1.1	5
32	A crisis for the future of forensic science: Lessons from the UK of the importance of epistemology for funding research and development. <i>Forensic Science International (Online)</i> , 2019 , 1, 243-252	1.9	5
31	Sediment fingerprints: a forensic technique using quartz sand grains--a response. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2007 , 47, 141-4	2	5
30	Fragrance transfer between fabrics for forensic reconstruction applications. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2019 , 59, 256-267	2	5
29	Persistence of transferred fragrance on fabrics for forensic reconstruction applications. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2020 , 60, 53-62	2	5
28	Reply to A. Dragutinovic, A reply to: The transferability of diatoms to clothing and the methods appropriate for their collection and analysis in forensic geoscience <i>Forensic Sci. Int.</i> 241 (2014) 127-137 <i>Forensic Science International</i> , 2015 , 247, e26-7	2.6	4
27	Experimental assessment of the surface quality of 3D printed bones. <i>Australian Journal of Forensic Sciences</i> , 2020 , 1-18	1.1	4
26	The efficacy of luminol in detecting bloodstains that have been washed with sodium percarbonate and exposed to environmental conditions. <i>Australian Journal of Forensic Sciences</i> , 2018 , 50, 345-354	1.1	4
25	An experimental study addressing the use of geoforensic analysis for the exploitation of improvised explosive devices (IEDs). <i>Forensic Science International</i> , 2017 , 278, 52-67	2.6	4
24	Organizational and Human Factors Affecting Forensic Decision-Making: Workplace Stress and Feedback. <i>Journal of Forensic Sciences</i> , 2020 , 65, 1968-1977	1.8	4
23	Forensic science. The importance of identity in theory and practice. <i>Forensic Science International (Online)</i> , 2019 , 1, 239-242	1.9	3

22	The impact of evidence lineups on fingerprint expert decisions. <i>Applied Cognitive Psychology</i> , 2020 , 34, 1143-1153	2.1	3
21	Interpretation of forensic science evidence at every step of the forensic science process 2018 , 408-420		3
20	Crime reconstruction and the role of trace materials from crime scene to court. <i>Wiley Interdisciplinary Reviews Forensic Science</i> , 2020 , 2,	2.6	3
19	The utility of three-dimensional models of paranasal sinuses to establish age, sex, and ancestry across three modern populations: A preliminary study. <i>Australian Journal of Forensic Sciences</i> , 2020 , 1-20 ^{1.1}		3
18	A Comparison of Thresholding Methods for Forensic Reconstruction Studies Using Fluorescent Powder Proxies for Trace Materials. <i>Journal of Forensic Sciences</i> , 2019 , 64, 431-442	1.8	3
17	Conceptualising, evaluating and communicating uncertainty in forensic science: Identifying commonly used tools through an interdisciplinary configurative review. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2020 , 60, 313-336	2	2
16	Increasing the accessibility and impact of justice-related student and practitioner research. <i>Forensic Science International (Online)</i> , 2020 , 2, 60-71	1.9	2
15	The value of eye-tracking technology in the analysis and interpretations of skeletal remains: A pilot study. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2020 , 60, 36-42	2	2
14	Authors' Response on research into contextual influences and forensic decision making. <i>Journal of Forensic Sciences</i> , 2018 , 63, 1598-1600	1.8	2
13	Reply to letter to the editor: Response to "A study of the perception of verbal expressions of the strength of evidence". <i>Science and Justice - Journal of the Forensic Science Society</i> , 2018 , 58, 299	2	2
12	Stress and support in the workplace: The perspective of forensic examiners. <i>Forensic Science International: Mind and Law</i> , 2021 , 2, 100059	0.9	2
11	The impact of force, time, and rotation on the transfer of ammonium nitrate: A reductionist approach to understanding evidence dynamics.. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2022 , 62, 129-136	2	1
10	An investigation into the accuracy of follow-on GPRS/mobile data CDRs.. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2022 , 62, 203-213	2	1
9	The Forensic Disclosure Model: What Should be Disclosed To, and By, Forensic Experts?. <i>SSRN Electronic Journal</i> ,	1	1
8	A novel method for producing 3D models of paranasal sinuses for forensic anthropology applications. <i>Australian Journal of Forensic Sciences</i> , 1-10	1.1	1
7	Freshwater diatom persistence on clothing I: A quantitative assessment of trace evidence dynamics over time. <i>Forensic Science International</i> , 2021 , 325, 110898	2.6	1
6	Suitability of 3D printing cranial trauma: Prospective novel applications and limitations of 3D replicas. <i>Forensic Science International: Reports</i> , 2021 , 4, 100218	1.9	1
5	Trace evidence dynamics of cocaine on banknotes: A comparison study of paper and polymer banknotes.. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2022 , 62, 221-228	2	1

- 4 A multi-method assessment of 3D printed micromorphological osteological features.. *International Journal of Legal Medicine*, **2022**, 1 3.1 ○
- 3 Freshwater diatom persistence on clothing II: Further analysis of species assemblage dynamics over investigative timescales. *Forensic Science International*, **2021**, 326, 110897 2.6 ○
- 2 14.21 The Scanning Electron Microscope in Geomorphology **2013**, 257-261
- 1 Cognitive bias in sex estimation: The influence of context on forensic decision-making **2020**, 327-342