Ruth M Morgan

List of Publications by Year
in descending order

96 papers	1,938 citations	279487 23 h-index	315357 38 g-index
99 all docs	99 docs citations	99 times ranked	1014 citing authors

#	Article	IF	Citations
1	Cognitive bias in forensic anthropology: Visual assessment of skeletal remains is susceptible to confirmation bias. Science and Justice - Journal of the Forensic Science Society, 2014, 54, 208-214.	1.3	114
2	The forensic analysis of soils and sediment taken from the cast of a footprint. Forensic Science International, 2006, 162, 6-12.	1.3	81
3	The philosophy, nature and practice of forensic sediment analysis. Progress in Physical Geography, 2007, 31, 43-58.	1.4	79
4	The Transfer and Persistence of Trace Particulates: Experimental studies using clothing fabrics. Science and Justice - Journal of the Forensic Science Society, 2006, 46, 185-195.	1.3	64
5	Trace DNA evidence dynamics: An investigation into the deposition and persistence of directly- and indirectly-transferred DNA on regularly-used knives. Forensic Science International: Genetics, 2017, 29, 38-47.	1.6	64
6	Sediment Fingerprints: A forensic technique using quartz sand grains. Science and Justice - Journal of the Forensic Science Society, 2006, 46, 107-124.	1.3	62
7	Conceptualising forensic science and forensic reconstruction. Part I: A conceptual model. Science and Justice - Journal of the Forensic Science Society, 2017, 57, 455-459.	1.3	59
8	Suspect screening and quantification of trace organic explosives in wastewater using solid phase extraction and liquid chromatography-high resolution accurate mass spectrometry. Journal of Hazardous Materials, 2017, 329, 11-21.	6.5	56
9	An experimental investigation of the indirect transfer and deposition of gunshot residue: Further studies carried out with SEMâ€“EDX analysis. Forensic Science International, 2015, 247, 14-17.	1.3	51
10	A Preliminary Investigation into the Accuracy of 3D Modeling and 3D Printing in Forensic Anthropology Evidence Reconstruction,. Journal of Forensic Sciences, 2019, 64, 342-352.	0.9	51
11	The role of forensic geoscience in wildlife crime detection. Forensic Science International, 2006, 162, 152-162.	1.3	48
12	The secondary transfer of gunshot residue: an experimental investigation carried out with SEMâ€EDX analysis. X-Ray Spectrometry, 2014, 43, 56-61.	0.9	45
13	Letter to the Editor â€" The Bias Snowball and the Bias Cascade Effects: Two Distinct Biases that May Impact Forensic Decision Making. Journal of Forensic Sciences, 2017, 62, 832-833.	0.9	45
14	Persistence of DNA from laundered semen stains: Implications for child sex trafficking cases. Forensic Science International: Genetics, 2015, 19, 165-171.	1.6	41
15	Conceptualising forensic science and forensic reconstruction. Part II: The critical interaction between research, policy/law and practice. Science and Justice - Journal of the Forensic Science Society, 2017, 57, 460-467.	1.3	41
16	A systematic analysis of misleading evidence in unsafe rulings in England and Wales. Science and Justice - Journal of the Forensic Science Society, 2018, 58, 128-137.	1.3	39
17	The transferability of diatoms to clothing and the methods appropriate for their collection and analysis in forensic geoscience. Forensic Science International, 2014, 241, 127-137.	1.3	38
18	The relevance of the evolution of experimental studies for the interpretation and evaluation of some trace physical evidence. Science and Justice - Journal of the Forensic Science Society, 2009, 49, 277-285.	1.3	33

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19	Data Interpretation in Forensic Sediment and Soil Geochemistry. Environmental Forensics, 2006, 7, 325-334.	1.3	29
20	Development of a HS-SPME/GCâ€“MS method for the analysis of volatile organic compounds from fabrics for forensic reconstruction applications. Forensic Science International, 2018, 290, 207-218.	1.3	28
21	A cultural change to enable improved decision-making in forensic science: A six phased approach. Science and Justice - Journal of the Forensic Science Society, 2020, 60, 9-19.	1.3	28
22	The effect of pressure on DNA deposition by touch. Forensic Science International: Genetics Supplement Series, 2017, 6, e12-e14.	0.1	27
23	The use of grain size distribution analysis of sediments andsoils in forensic enquiry. Science and Justice - Journal of the Forensic Science Society, 2007, 47, 125-135.	1.3	23
24	The reincorporation and redistribution of trace geoforensic particulates on clothing: An introductory study. Science and Justice - Journal of the Forensic Science Society, 2010, 50, 195-199.	1.3	23
25	The deposition and persistence of indirectly-transferred DNA on regularly-used knives. Forensic Science International: Genetics Supplement Series, 2015, 5, e498-e500.	0.1	23
26	Cascading Bias of Initial Exposure to Information at the Crime Scene to the Subsequent Evaluation of Skeletal Remains,. Journal of Forensic Sciences, 2018, 63, 403-411.	0.9	23
27	The forensic disclosure model: What should be disclosed to, and by, forensic experts?. International Journal of Law, Crime and Justice, 2019, 59, 100330.	0.4	23
28	Multiple transfers of particulates and their dissemination within contact networks. Science and Justice - Journal of the Forensic Science Society, 2012, 52, 33-41.	1.3	22
29	The influence of fabric surface characteristics on satellite bloodstain morphology. Science and Justice - Journal of the Forensic Science Society, 2014, 54, 262-266.	1.3	22
30	Investigation of quartz grain surface textures by atomic force microscopy for forensic analysis. Forensic Science International, 2012, 223, 245-255.	1.3	21
31	On reiterative justice. Science and Justice - Journal of the Forensic Science Society, 2004, 44, 173-178.	1.3	20
32	The spatial and temporal distribution of pollen in a room: Forensic implications. Science and Justice - Journal of the Forensic Science Society, 2014, 54, 49-56.	1.3	20
33	Energy regimes for aeolian sand grain surface textures. Sedimentary Geology, 2012, 253-254, 17-24.	1.0	19
34	Fingermark submission decision-making within a UK fingerprint laboratory: Do experts get the marks that they need?. Science and Justice - Journal of the Forensic Science Society, 2015, 55, 239-247.	1.3	19
35	Forensic science. The importance of identity in theory and practice. Forensic Science International (Online), 2019, 1, 239-242.	0.6	19
36	A critique of the present use of some geochemical techniques in geoforensic analysis. Forensic Science International, 2008, 178, e35-e40.	1.3	18

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37	Experimental forensic studies of the preservation of pollen in vehicle fires. Science and Justice - Journal of the Forensic Science Society, 2014, 54, 141-145.	1.3	18
38	The transfer of diatoms from freshwater to footwear materials: An experimental study assessing transfer, persistence, and extraction methods for forensic reconstruction. Science and Justice - Journal of the Forensic Science Society, 2017, 57, 349-360.	1.3	18
39	The suitability of visual taphonomic methods for digital photographs: An experimental approach with pig carcasses in a tropical climate. Science and Justice - Journal of the Forensic Science Society, 2018, 58, 167-176.	1.3	18
40	Organizational and Human Factors Affecting Forensic Decisionâ€Making: Workplace Stress and Feedback. Journal of Forensic Sciences, 2020, 65, 1968-1977.	0.9	18
41	The discrimination of geoforensic trace material from close proximity locations by organic profiling using HPLC and plant wax marker analysis by GC. Forensic Science International, 2018, 288, 310-326.	1.3	16
42	The preservation of quartz grain surface textures following vehicle fire and their use in forensic enquiry. Science and Justice - Journal of the Forensic Science Society, 2008, 48, 133-140.	1.3	15
43	A Forensic Geoscience Framework and Practice. Policing (Oxford), 2008, 2, 185-195.	0.9	15
44	Understanding forensic expert evaluative evidence: A study of the perception of verbal expressions of the strength of evidence. Science and Justice - Journal of the Forensic Science Society, 2017, 57, 221-227.	1.3	15
45	3D forensic science: A new field integrating 3D imaging and 3D printing in crime reconstruction. Forensic Science International (Online), 2021, 3, 100205.	0.6	15
46	Using Bayesian networks to guide the assessment of new evidence in an appeal case. Crime Science, 2016, 5, 9.	1.4	14
47	Analysis of transferred fragrance and its forensic implications. Science and Justice - Journal of the Forensic Science Society, 2016, 56, 413-420.	1.3	14
48	Opportunistic crimes: Evaluation of DNA from regularly-used knives after a brief use by a different person. Forensic Science International: Genetics, 2019, 42, 135-140.	1.6	14
49	Journey history reconstruction from the soils and sediments on footwear: An empirical approach. Science and Justice - Journal of the Forensic Science Society, 2019, 59, 306-316.	1.3	14
50	The recovery of pollen evidence from documents and its forensic implications. Science and Justice - Journal of the Forensic Science Society, 2013, 53, 375-384.	1.3	13
51	The potential for geochemical discrimination of single- and mixed-source soil samples from close proximity urban parkland locations. Australian Journal of Forensic Sciences, 2017, 49, 161-174.	0.7	13
52	Forensic science needs both the â€˜hedgehogâ€™ and the â€˜foxâ€™. Forensic Science International, 2018, 292, e10-e12.	1.3	13
53	Freshwater diatom transfer to clothing: Spatial and temporal influences on trace evidence in forensic reconstructions. Science and Justice - Journal of the Forensic Science Society, 2019, 59, 292-305.	1.3	13
54	The Value of an Empirical Approach for the Assessment of Diatoms as Environmental Trace Evidence in Forensic Limnology. Archaeological and Environmental Forensic Science, 2017, 1, 49-78.	0.3	13

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55	The Forensic Analysis of Sediments Recovered from Footwear. , 2009, , 253-269.		12
56	Automated Texture Recognition of Quartz Sand Grains for Forensic Applications*. Journal of Forensic Sciences, 2012, 57, 1285-1289.	0.9	12
57	Experimental assessment of the surface quality of 3D printed bones. Australian Journal of Forensic Sciences, 2020, , 1-18.	0.7	12
58	Quartz grain surface textures of soils and sediments from Canberra, Australia: A forensic reconstruction tool. Australian Journal of Forensic Sciences, 2010, 42, 169-179.	0.7	11
59	High Performance Liquid Chromatography as a valuable tool for geoforensic soil analysis. Australian Journal of Forensic Sciences, 2017, 49, 421-448.	0.7	11
60	The identification of markers for Geoforensic HPLC profiling at close proximity sites. Forensic Science International, 2017, 272, 127-141.	1.3	11
61	Detection of trace peroxide explosives in environmental samples using solid phase extraction and liquid chromatography mass spectrometry. Environmental Forensics, 2017, 18, 50-61.	1.3	11
62	Fragrance transfer between fabrics for forensic reconstruction applications. Science and Justice - Journal of the Forensic Science Society, 2019, 59, 256-267.	1.3	10
63	Crime reconstruction and the role of trace materials from crime scene to court. Wiley Interdisciplinary Reviews Forensic Science, 2020, 2, .	1.2	10
64	A step-by-step method for producing 3D crania models from CT data. Forensic Imaging, 2020, 23, 200404.	0.4	10
65	â€˜SEM-EDS analysis and discrimination of forensic soilâ€™ by Cengiz et al.. Forensic Science International, 2005, 155, 222-224.	1.3	9
66	Persistence of transferred fragrance on fabrics for forensic reconstruction applications. Science and Justice - Journal of the Forensic Science Society, 2020, 60, 53-62.	1.3	9
67	Conceptualising, evaluating and communicating uncertainty in forensic science: Identifying commonly used tools through an interdisciplinary configurative review. Science and Justice - Journal of the Forensic Science Society, 2020, 60, 313-336.	1.3	9
68	A crisis for the future of forensic science: Lessons from the UK of the importance of epistemology for funding research and development. Forensic Science International (Online), 2019, 1, 243-252.	0.6	8
69	Evaluation of Particle-Induced X-ray Emission and Particle-Induced Î³-ray Emission of Quartz Grains for Forensic Trace Sediment Analysis. Analytical Chemistry, 2012, 84, 2260-2267.	3.2	7
70	Simulating forensic casework scenarios in experimental studies: The generation of footwear marks in blood. Forensic Science International, 2016, 264, 34-40.	1.3	7
71	The utility of three-dimensional models of paranasal sinuses to establish age, sex, and ancestry across three modern populations: A preliminary study. Australian Journal of Forensic Sciences, 2022, 54, 326-345.	0.7	7
72	Sediment fingerprints: A forensic technique using quartz sand grains â€” A response. Science and Justice - Journal of the Forensic Science Society, 2007, 47, 141-144.	1.3	6

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73	The efficacy of luminol in detecting bloodstains that have been washed with sodium percarbonate and exposed to environmental conditions. Australian Journal of Forensic Sciences, 2018, 50, 345-354.	0.7	6
74	The impact of evidence lineups on fingerprint expert decisions. Applied Cognitive Psychology, 2020, 34, 1143-1153.	0.9	6
75	A multi-method assessment of 3D printed micromorphological osteological features. International Journal of Legal Medicine, 2022, 136, 1391-1406.	1.2	6
76	A Comparison of Thresholding Methods for Forensic Reconstruction Studies Using Fluorescent Powder Proxies for Trace Materials. Journal of Forensic Sciences, 2019, 64, 431-442.	0.9	5
77	The value of eye-tracking technology in the analysis and interpretations of skeletal remains: A pilot study. Science and Justice - Journal of the Forensic Science Society, 2020, 60, 36-42.	1.3	5
78	Reply to A. Dragutinovic, â€˜A reply to: The transferability of diatoms to clothing and the methods appropriate for their collection and analysis in forensic geoscience Forensic sci. Int. 241 (2014) 127-137â€™. Forensic Science International, 2015, 247, e26-e27.	1.3	4
79	An experimental study addressing the use of geoforensic analysis for the exploitation of improvised explosive devices (IEDs). Forensic Science International, 2017, 278, 52-67.	1.3	4
80	Increasing the accessibility and impact of justice-related student and practitioner research. Forensic Science International (Online), 2020, 2, 60-71.	0.6	4
81	Freshwater diatom persistence on clothing I: A quantitative assessment of trace evidence dynamics over time. Forensic Science International, 2021, 325, 110898.	1.3	4
82	A novel method for producing 3D models of paranasal sinuses for forensic anthropology applications. Australian Journal of Forensic Sciences, 2021, 53, 693-702.	0.7	4
83	A Futuristic Vision of Forensic Science. Journal of Forensic Sciences, 2020, 65, 8-10.	0.9	3
84	Stress and support in the workplace: The perspective of forensic examiners. Forensic Science International: Mind and Law, 2021, 2, 100059.	0.2	3
85	Authorsâ€™ Response on research into contextual influences and forensic decision making. Journal of Forensic Sciences, 2018, 63, 1598-1600.	0.9	2
86	Reply to letter to the editor: Response to â€œA study of the perception of verbal expressions of the strength of evidenceâ€• Science and Justice - Journal of the Forensic Science Society, 2018, 58, 299.	1.3	2
87	Freshwater diatom persistence on clothing II: Further analysis of species assemblage dynamics over investigative timescales. Forensic Science International, 2021, 326, 110897.	1.3	2
88	Suitability of 3D printing cranial trauma: Prospective novel applications and limitations of 3D replicas. Forensic Science International: Reports, 2021, 4, 100218.	0.4	2
89	The impact of force, time, and rotation on the transfer of ammonium nitrate: A reductionist approach to understanding evidence dynamics. Science and Justice - Journal of the Forensic Science Society, 2022, 62, 129-136.	1.3	2
90	An investigation into the accuracy of follow-on GPRS/mobile data CDRs. Science and Justice - Journal of the Forensic Science Society, 2022, 62, 203-213.	1.3	2

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91	Investigating the uses of mobile phone evidence in China criminal proceedings. Science and Justice - Journal of the Forensic Science Society, 2022, , .	1.3	2
92	The Forensic Disclosure Model: What Should be Disclosed To, and By, Forensic Experts?. SSRN Electronic Journal, 0, , .	0.4	1
93	Trace evidence dynamics of cocaine on banknotes: A comparison study of paper and polymer banknotes. Science and Justice - Journal of the Forensic Science Society, 2022, 62, 221-228.	1.3	1
94	14.21 The Scanning Electron Microscope in Geomorphology. , 2013, , 257-261.		0
95	Cognitive bias in sex estimation: The influence of context on forensic decision-making. , 2020, , 327-342.		0
96	Forensic Environmental Evidence. , 2014, , 1705-1713.		0