

Chris Lennard

List of Publications by Year in Descending Order

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Version: 2024-04-23

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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.

106
papers

2,571
citations

31
h-index

45
g-index

108
ext. papers

2,838
ext. citations

2.5
avg, IF

5.03
L-index

#	Paper	IF	Citations
106	Latent fingerprint detection using functionalised silicon oxide nanoparticles: Investigation into novel application procedures.. <i>Forensic Science International</i> , 2022 , 335, 111275	2.6	1
105	Novel upconverting nanoparticles for fingerprint detection. <i>Optical Materials</i> , 2021 , 111, 110568	3.3	4
104	Case study Crown prosecution of a British citizen for the extraterritorial murder of Sergeant First Class Randy Johnson, United States 2nd Cavalry Regiment. <i>Australian Journal of Forensic Sciences</i> , 2021 , 53, 84-95	1.1	2
103	Fingerprint detection using upconverting nanoparticles and comparison with cyanoacrylate fuming. <i>Forensic Science International</i> , 2021 , 326, 110915	2.6	2
102	Australian biometric system to meet national security objectives Part I technical capabilities. <i>Australian Journal of Forensic Sciences</i> , 2020 , 1-12	1.1	2
101	Application of a Microfluidic Gas-to-Liquid Interface for Extraction of Target Amphetamines and Precursors from Air Samples. <i>Micromachines</i> , 2020 , 11,	3.3	1
100	Assessment of evaporative and photochemical effects on asphaltene profiling of a heavy fuel oil. <i>Environmental Forensics</i> , 2020 , 21, 212-222	1.6	2
99	Rapid on-site identification of hazardous organic compounds at fire scenes using person-portable gas chromatography-mass spectrometry (GC-MS)-part 1: air sampling and analysis. <i>Forensic Sciences Research</i> , 2020 , 5, 134-149	3.6	4
98	Rapid on-site identification of hazardous organic compounds at fire scenes using person-portable gas chromatography-mass spectrometry (GC-MS)-part 2: water sampling and analysis. <i>Forensic Sciences Research</i> , 2020 , 5, 150-164	3.6	1
97	Australian biometric system to meet national security objectives Part II legislation and policy. <i>Australian Journal of Forensic Sciences</i> , 2020 , 1-16	1.1	2
96	Latent fingerprint detection using functionalised silicon oxide nanoparticles: Optimisation and comparison with cyanoacrylate fuming. <i>Forensic Science International</i> , 2020 , 315, 110442	2.6	4
95	Developing a strategic forensic science risk management system as a component of the forensic science system of systems. <i>Australian Journal of Forensic Sciences</i> , 2020 , 52, 208-221	1.1	5
94	Why do we need a systems thinking approach to military forensic science in the contemporary world?. <i>Australian Journal of Forensic Sciences</i> , 2020 , 52, 323-336	1.1	4
93	The forensic intelligence continuum in the military context. <i>Australian Journal of Forensic Sciences</i> , 2020 , 52, 3-15	1.1	3
92	Fingerprint detection and identification: current research efforts. <i>Australian Journal of Forensic Sciences</i> , 2020 , 52, 125-145	1.1	3
91	Nanoparticles used for fingerprint detection A comprehensive review. <i>Wiley Interdisciplinary Reviews Forensic Science</i> , 2019 , 1,	2.6	11
90	Latent fingerprint detection using functionalised silicon oxide nanoparticles: Method optimisation and evaluation. <i>Forensic Science International</i> , 2019 , 298, 372-383	2.6	9

89	The black sheep of forensic science: military forensic and technical exploitation. <i>Australian Journal of Forensic Sciences</i> , 2019 , 51, 636-648	1.1	2
88	Single metal deposition versus physical developer: A comparison between two advanced fingerprint detection techniques. <i>Forensic Science International</i> , 2019 , 294, 103-112	2.6	6
87	A systems approach to forensic science applied in the military domain. <i>Australian Journal of Forensic Sciences</i> , 2019 , 51, 12-21	1.1	5
86	A Systems Approach to Biometrics in the Military Domain. <i>Journal of Forensic Sciences</i> , 2018 , 63, 1858-1868	1.1	7
85	An effective Physical Developer (PD) method for use in Australian laboratories. <i>Australian Journal of Forensic Sciences</i> , 2018 , 1-6	1.1	1
84	Fit for purpose quality management system for military forensic exploitation. <i>Forensic Science International</i> , 2018 , 284, 136-140	2.6	13
83	Pyrolysis-GC-MS analysis of crude and heavy fuel oil asphaltenes for application in oil fingerprinting. <i>Environmental Forensics</i> , 2018 , 19, 14-26	1.6	6
82	Person-portable equipment in environmental forensic investigations: application to fire scenes. <i>Australian Journal of Forensic Sciences</i> , 2018 , 1-10	1.1	1
81	Metal-Organic Frameworks for fingerprint detection - A feasibility study. <i>Forensic Science International</i> , 2018 , 291, 83-93	2.6	8
80	Investigation of some of the factors influencing fingerprint detection. <i>Forensic Science International</i> , 2018 , 289, 381-389	2.6	31
79	<i>Drosophila melanogaster</i> odorant receptors as volatile compound detectors in forensic science: a proof-of-concept study. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 7739-7747	4.4	4
78	Supporting fingerprint identification assessments using a skin stretch model - A preliminary study. <i>Forensic Science International</i> , 2017 , 272, 41-49	2.6	5
77	Effect of hand sanitizer on the performance of fingerprint detection techniques. <i>Forensic Science International</i> , 2017 , 273, 153-160	2.6	8
76	Preliminary evaluation of a next-generation portable gas chromatograph mass spectrometer (GC-MS) for the on-site analysis of ignitable liquid residues. <i>Australian Journal of Forensic Sciences</i> , 2016 , 48, 203-221	1.1	17
75	Soil examination for a forensic trace evidence laboratory-Part 3: A proposed protocol for the effective triage and management of soil examinations. <i>Forensic Science International</i> , 2016 , 262, 46-55	2.6	19
74	Reinstating Soil Examination as a Trace Evidence Sub-discipline. <i>Soil Forensics</i> , 2016 , 107-120		
73	Evaluation of multi-target immunogenic reagents for the detection of latent and body fluid-contaminated fingerprints. <i>Forensic Science International</i> , 2016 , 264, 168-75	2.6	11
72	An FTIR method for the analysis of crude and heavy fuel oil asphaltenes to assist in oil fingerprinting. <i>Forensic Science International</i> , 2016 , 266, 555-564	2.6	27

71	Visualising substrate-fingermark interactions: Solid-state NMR spectroscopy of amino acid reagent development on cellulose substrates. <i>Forensic Science International</i> , 2015 , 250, 8-16	2.6	2
70	Microscopic examination of fingermark residues: Opportunities for fundamental studies. <i>Forensic Science International</i> , 2015 , 255, 28-37	2.6	17
69	Forensic application of laser-induced breakdown spectroscopy for the discrimination of questioned documents. <i>Forensic Science International</i> , 2015 , 254, 68-79	2.6	29
68	Chemosensory genes identified in the antennal transcriptome of the blowfly <i>Calliphora stygia</i> . <i>BMC Genomics</i> , 2015 , 16, 255	4.5	47
67	Evaluation of elemental profiling methods, including laser-induced breakdown spectroscopy (LIBS), for the differentiation of Cannabis plant material grown in different nutrient solutions. <i>Forensic Science International</i> , 2015 , 251, 95-106	2.6	14
66	Understanding physical developer (PD): Part I--Is PD targeting lipids?. <i>Forensic Science International</i> , 2015 , 257, 481-487	2.6	30
65	Understanding Physical Developer (PD): Part II--Is PD targeting eccrine constituents?. <i>Forensic Science International</i> , 2015 , 257, 488-495	2.6	24
64	Assessment and forensic application of laser-induced breakdown spectroscopy (LIBS) for the discrimination of Australian window glass. <i>Forensic Science International</i> , 2014 , 241, 46-54	2.6	34
63	Evaluation of fingermark detection sequences on paper substrates. <i>Forensic Science International</i> , 2014 , 236, 30-7	2.6	23
62	Soil examination for a forensic trace evidence laboratory--Part 1: Spectroscopic techniques. <i>Forensic Science International</i> , 2014 , 245, 187-94	2.6	30
61	An overview of biosecurity in Australia. <i>Australian Journal of Forensic Sciences</i> , 2014 , 46, 383-396	1.1	4
60	Fingermark detection and identification: current research efforts. <i>Australian Journal of Forensic Sciences</i> , 2014 , 46, 293-303	1.1	6
59	PolyCyano UV: an investigation into a one-step luminescent cyanoacrylate fuming process. <i>Australian Journal of Forensic Sciences</i> , 2014 , 46, 471-484	1.1	14
58	Soil examination for a forensic trace evidence laboratory - Part 2: Elemental analysis. <i>Forensic Science International</i> , 2014 , 245, 195-201	2.6	33
57	Synthesis and application of an aqueous Nile red microemulsion for the development of fingermarks on porous surfaces. <i>Forensic Science International</i> , 2014 , 244, e48-55	2.6	7
56	Biological organisms as volatile compound detectors: a review. <i>Forensic Science International</i> , 2013 , 232, 92-103	2.6	35
55	Nile red: Alternative to physical developer for the detection of latent fingermarks on wet porous surfaces?. <i>Forensic Science International</i> , 2013 , 230, 74-80	2.6	21
54	Modern statistical models for forensic fingerprint examinations: a critical review. <i>Forensic Science International</i> , 2013 , 232, 131-50	2.6	25

53	Fingerprint identification: how far have we come?. <i>Australian Journal of Forensic Sciences</i> , 2013 , 45, 356-367	10
52	Determining the effects of routine fingermark detection techniques on the subsequent recovery and analysis of explosive residues on various substrates. <i>Forensic Science International</i> , 2013 , 233, 257-64	2.6 11
51	Stability of explosive residues in methanol/water extracts, on alcohol wipes and on a glass surface. <i>Forensic Science International</i> , 2013 , 226, 244-53	2.6 11
50	X-Ray Fluorescence in Forensic Science Update based on the original article by Claude Roux and Chris Lennard, <i>Encyclopedia of Analytical Chemistry</i> , © 2000, John Wiley & Sons, Ltd. 2013 ,	1
49	Spatial analysis of corresponding fingerprint features from match and close non-match populations. <i>Forensic Science International</i> , 2013 , 230, 87-98	2.6 9
48	Selective targeting of fingermarks using immunogenic techniques. <i>Australian Journal of Forensic Sciences</i> , 2013 , 45, 211-226	1.1 30
47	Visualization of Latent Fingermarks Using an Aptamer-Based Reagent. <i>Angewandte Chemie</i> , 2012 , 124, 12438-12440	3.6 9
46	Visualization of latent fingermarks using an aptamer-based reagent. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 12272-4	16.4 56
45	Evaluation of different sampling media for their potential use as a combined swab for the collection of both organic and inorganic explosive residues. <i>Forensic Science International</i> , 2012 , 222, 102-10	2.6 31
44	Establishing a universal swabbing and clean-up protocol for the combined recovery of organic and inorganic explosive residues. <i>Forensic Science International</i> , 2012 , 223, 136-47	2.6 15
43	Styryl dye coated metal oxide powders for the detection of latent fingermarks on non-porous surfaces. <i>Forensic Science International</i> , 2012 , 219, 208-14	2.6 16
42	Fingermark detection on non-porous and semi-porous surfaces using YVO ₄ :Er,Yb luminescent upconverting particles. <i>Forensic Science International</i> , 2012 , 217, e23-6	2.6 47
41	Use of styryl 11 and STaR 11 for the luminescence enhancement of cyanoacrylate-developed fingermarks in the visible and near-infrared regions. <i>Journal of Forensic Sciences</i> , 2011 , 56, 1505-13	1.8 15
40	Investigation of hydrogen cyanide generation from the cyanoacrylate fuming process used for latent fingermark detection. <i>Forensic Science International</i> , 2011 , 212, 143-9	2.6 37
39	The effect of zinc chloride, humidity and the substrate on the reaction of 1,2-indanedione-zinc with amino acids in latent fingermark secretions. <i>Forensic Science International</i> , 2011 , 212, 150-7	2.6 26
38	Enhancement of latent fingermarks on non-porous surfaces using anti-L-amino acid antibodies conjugated to gold nanoparticles. <i>Chemical Communications</i> , 2011 , 47, 5602-4	5.8 71
37	Fingermark detection on non-porous and semi-porous surfaces using NaYF ₄ :Er,Yb up-converter particles. <i>Forensic Science International</i> , 2011 , 207, 145-9	2.6 66
36	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

35	Substituted naphthoquinones as novel amino acid sensitive reagents for the detection of latent fingerprints on paper surfaces. <i>Talanta</i> , 2010 , 82, 1717-24	6.2	19
34	The recovery of latent fingerprints from evidence exposed to ionizing radiation*. <i>Journal of Forensic Sciences</i> , 2009 , 54, 583-90	1.8	12
33	The detection of latent fingerprints on porous surfaces using amino acid sensitive reagents: a review. <i>Analytica Chimica Acta</i> , 2009 , 652, 128-42	6.6	85
32	Near infrared imaging for the improved detection of fingerprints on difficult surfaces. <i>Australian Journal of Forensic Sciences</i> , 2009 , 41, 43-62	1.1	32
31	Lawson: a novel reagent for the detection of latent fingerprints on paper surfaces. <i>Chemical Communications</i> , 2008 , 3513-5	5.8	52
30	An evaluation of nanostructured zinc oxide as a fluorescent powder for fingerprint detection. <i>Journal of Materials Science</i> , 2008 , 43, 732-737	4.3	56
29	Identification of inorganic ions in post-blast explosive residues using portable CE instrumentation and capacitively coupled contactless conductivity detection. <i>Electrophoresis</i> , 2008 , 29, 4593-602	3.6	83
28	Molecularly Imprinted Polymers and Room Temperature Ionic Liquids: Impact of Template on Polymer Morphology. <i>Australian Journal of Chemistry</i> , 2007 , 60, 51	1.2	28
27	Optimisation and evaluation of 1,2-indanedione for use as a fingerprint reagent and its application to real samples. <i>Forensic Science International</i> , 2007 , 168, 14-26	2.6	53
26	Vacuum metal deposition: visualisation of gold agglomerates using TEM imaging. <i>Forensic Science International</i> , 2007 , 168, 219-22	2.6	16
25	Fluorescent TiO ₂ powders prepared using a new perylene diimide dye: applications in latent fingerprint detection. <i>Forensic Science International</i> , 2007 , 173, 154-60	2.6	73
24	Fingerprint detection: current capabilities. <i>Australian Journal of Forensic Sciences</i> , 2007 , 39, 55-71	1.1	25
23	Applying visible hyperspectral (chemical) imaging to estimate the age of bruises. <i>Medicine, Science and the Law</i> , 2007 , 47, 225-32	1.1	27
22	Fingerprint detection: future prospects. <i>Australian Journal of Forensic Sciences</i> , 2007 , 39, 73-80	1.1	13
21	Forensic applications of isotope ratio mass spectrometry--a review. <i>Forensic Science International</i> , 2006 , 157, 1-22	2.6	217
20	X-Ray Fluorescence in Forensic Science 2006 ,		1
19	Visible and near-infrared chemical imaging methods for the analysis of selected forensic samples. <i>Talanta</i> , 2005 , 67, 334-44	6.2	48
18	Formulation of Cocaine-Imprinted Polymers Utilizing Molecular Modelling and NMR Analysis. <i>Australian Journal of Chemistry</i> , 2005 , 58, 315	1.2	36

17	The transfer and persistence of petrol on car carpets. <i>Forensic Science International</i> , 2005 , 147, 71-9	2.6	11
16	A further study to investigate the detection and enhancement of latent fingerprints using visible absorption and luminescence chemical imaging. <i>Forensic Science International</i> , 2005 , 150, 33-51	2.6	37
15	Short tandem repeat (STR) genotyping of keratinised hair. Part 2. An optimised genomic DNA extraction procedure reveals donor dependence of STR profiles. <i>Forensic Science International</i> , 2005 , 153, 247-59	2.6	48
14	Short tandem repeat (STR) genotyping of keratinised hair. Part 1. Review of current status and knowledge gaps. <i>Forensic Science International</i> , 2005 , 153, 237-46	2.6	47
13	The Detection and Enhancement of Latent Fingermarks Using Infrared Chemical Imaging. <i>Journal of Forensic Sciences</i> , 2005 , 50, 1-9	1.8	72
12	Evaluation of Iodine-Benzoflavone and Ruthenium Tetroxide Spray Reagents for the Detection of Latent Fingermarks at the Crime Scene. <i>Journal of Forensic Sciences</i> , 2004 , 49, 1-9	1.8	20
11	Forensic Applications of Chemical Imaging: Latent Fingerprint Detection Using Visible Absorption and Luminescence. <i>Journal of Forensic Sciences</i> , 2003 , 48, 2002333	1.8	48
10	Background interference from car carpets—the evidential value of petrol residues in cases of suspected vehicle arson. <i>Forensic Science International</i> , 2002 , 125, 22-36	2.6	26
9	Vacuum metal deposition: factors affecting normal and reverse development of latent fingerprints on polyethylene substrates. <i>Forensic Science International</i> , 2001 , 115, 73-88	2.6	49
8	Vacuum metal deposition: developing latent fingerprints on polyethylene substrates after the deposition of excess gold. <i>Forensic Science International</i> , 2001 , 123, 5-12	2.6	31
7	The influence of polymer type, print donor and age on the quality of fingerprints developed on plastic substrates using vacuum metal deposition. <i>Forensic Science International</i> , 2001 , 124, 167-77	2.6	56
6	The effect of metal salt treatment on the photoluminescence of DFO-treated fingerprints. <i>Forensic Science International</i> , 2001 , 116, 117-23	2.6	18
5	Evaluation of 1,2-indanedione and 5,6-dimethoxy-1,2-indanedione for the detection of latent fingerprints on porous surfaces. <i>Journal of Forensic Sciences</i> , 2000 , 45, 761-9	1.8	5
4	A study to investigate the evidential value of blue and black ballpoint pen inks in Australia. <i>Forensic Science International</i> , 1999 , 101, 167-176	2.6	53
3	Evaluation of X-ray microfluorescence spectrometry for the elemental analysis of firearm discharge residues. <i>Forensic Science International</i> , 1998 , 97, 21-36	2.6	36
2	A GC/MS database of target compound chromatograms for the identification of arson accelerants. <i>Science and Justice - Journal of the Forensic Science Society</i> , 1995 , 35, 19-30	2	29
1	A novel biphenyl from the lichen <i>Psoroma contortum</i> . <i>Australian Journal of Chemistry</i> , 1984 , 37, 1531	1.2	12