

Hilton J Kobus

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

501
citations

687363

13
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

554
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface-assisted laser desorption ionization mass spectrometry techniques for application in forensics. <i>Mass Spectrometry Reviews</i> , 2015, 34, 627-640.	5.4	85
2	Rapid detection of illicit drugs in neat saliva using desorption/ionization on porous silicon. <i>Talanta</i> , 2012, 99, 791-798.	5.5	47
3	Rapid drug detection in oral samples by porous silicon assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 3543-3548.	1.5	35
4	Non-toxic luminescent carbon dot/poly(dimethylacrylamide) nanocomposite reagent for latent fingerprint detection synthesized via surface initiated reversible addition fragmentation chain transfer polymerization. <i>Polymer International</i> , 2015, 64, 884-891.	3.1	28
5	An Update on the Use of the Sodium Rhodizonate Test for the Detection of Lead Originating from Firearm Discharges. <i>Journal of Forensic Sciences</i> , 1996, 41, 1046-1051.	1.6	28
6	The analysis of dyes in ball point pen inks on single paper fibres using laser desorption ionisation time of flight mass spectrometry (LDI-TOFMS). <i>Forensic Science International</i> , 2011, 209, e26-e30.	2.2	27
7	Silver Coating for High-Mass-Accuracy Imaging Mass Spectrometry of Fingerprints on Nanostructured Silicon. <i>Analytical Chemistry</i> , 2015, 87, 11195-11202.	6.5	27
8	A study into the distribution of gunshot residue particles in the random population. <i>Forensic Science International</i> , 2016, 262, 150-155.	2.2	23
9	Managing Performance in the Forensic Sciences: Expectations in Light of Limited Budgets. <i>Forensic Science Policy and Management</i> , 2011, 2, 36-43.	0.5	21
10	Synthesis and Structure of the Zinc(II) and Cadmium(II) Complexes Produced in the Photoluminescent Enhancement of Ninhydrin Developed Fingerprints Using Group 12 Metal Salts. <i>Journal of Forensic Sciences</i> , 1995, 40, 565-569.	1.6	20
11	Porous silicon mass spectrometry as an alternative confirmatory assay for compliance testing of methadone. <i>Drug Testing and Analysis</i> , 2017, 9, 769-777.	2.6	17
12	Effect of nucleic acid binding dyes on DNA extraction, amplification, and STR typing. <i>Electrophoresis</i> , 2015, 36, 2561-2568.	2.4	16
13	Soil transference patterns on bras: Image processing and laboratory dragging experiments. <i>Forensic Science International</i> , 2016, 258, 88-100.	2.2	14
14	An investigation into artefacts formed during gas chromatography/mass spectrometry analysis of firearms propellant that contains diphenylamine as the stabiliser. <i>Forensic Science International</i> , 2017, 279, 140-147.	2.2	14
15	Gunshot residue background on police officers: Considerations for secondary transfer in GSR evidence evaluation. <i>Forensic Science International</i> , 2019, 297, 293-301.	2.2	14
16	Glass-containing gunshot residues and particles of industrial and occupational origins: Considerations for evaluating GSR traces. <i>Forensic Science International</i> , 2019, 298, 284-297.	2.2	13
17	Patterns produced when soil is transferred to bras by placing and dragging actions: The application of digital photography and image processing to support visible observations. <i>Forensic Science International</i> , 2017, 276, 24-40.	2.2	12
18	Distribution of Lead and Barium in Gunshot Residue Particles Derived from 0.22 Caliber Rimfire Ammunition. <i>Journal of Forensic Sciences</i> , 2001, 46, 1352-1357.	1.6	12

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19	Quantifying gunshot residues in cases of suicide: Implications for evaluation of suicides and criminal shootings. <i>Forensic Science International</i> , 2016, 266, 289-298.	2.2	11
20	Methods for analysis of glass in glass-containing gunshot residue (gGSR) particles. <i>Forensic Science International</i> , 2019, 298, 359-371.	2.2	9
21	University Forensic Science Programs: A Student Attraction Strategy or a Value-Adding Partnership with Industry?. <i>Forensic Science Policy and Management</i> , 2009, 1, 125-129.	0.5	8
22	Evaluation of the sub-surface morphology and composition of gunshot residue using focussed ion beam analysis. <i>Forensic Science International</i> , 2019, 297, 100-110.	2.2	8
23	Analysis of elemental and isotopic variation in glass frictionators from 0.22 rimfire primers. <i>Forensic Science International</i> , 2018, 293, 47-62.	2.2	6
24	A fresh scientific look at transfer and persistence: From a materials science and tribology perspective. <i>Journal of Forensic Sciences</i> , 2022, 67, 9-27.	1.6	5
25	The importance of forensic soil science and geology being connected to mainstream forensic science. <i>Geological Society Special Publication</i> , 2019, , SP492-2017-314.	1.3	1
26	A Round Table Discussion on Forensic Science in Australia. <i>Forensic Science Policy and Management</i> , 2011, 2, 44-54.	0.5	0