

Alison Beavis

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,459
citations

331642

21
h-index

315719

38
g-index

42
all docs

42
docs citations

42
times ranked

1594
citing authors

#	ARTICLE	IF	CITATIONS
1	Forensic applications of desorption electrospray ionisation mass spectrometry (DESI-MS). <i>Forensic Science International</i> , 2013, 226, 10-21.	2.2	126
2	Three-Dimensional Atlas of Iron, Copper, and Zinc in the Mouse Cerebrum and Brainstem. <i>Analytical Chemistry</i> , 2012, 84, 3990-3997.	6.5	110
3	An iron-dopamine index predicts risk of parkinsonian neurodegeneration in the substantia nigra pars compacta. <i>Chemical Science</i> , 2014, 5, 2160-2169.	7.4	98
4	A review of impurity profiling and synthetic route of manufacture of methylamphetamine, 3,4-methylenedioxymethylamphetamine, amphetamine, dimethylamphetamine and p-methoxyamphetamine. <i>Forensic Science International</i> , 2013, 224, 8-26.	2.2	91
5	Protocol for production of matrix-matched brain tissue standards for imaging by laser ablation-inductively coupled plasma-mass spectrometry. <i>Analytical Methods</i> , 2013, 5, 1915.	2.7	78
6	The use of forensic case data in intelligence-led policing: The example of drug profiling. <i>Forensic Science International</i> , 2013, 226, 1-9.	2.2	74
7	Current perspectives in the interpretation of gunshot residues in forensic science: A review. <i>Forensic Science International</i> , 2017, 270, 1-11.	2.2	74
8	A portable explosive detector based on fluorescence quenching of pyrene deposited on coloured wax-printed I ² /4PADs. <i>Lab on A Chip</i> , 2013, 13, 4164.	6.0	72
9	Forensic intelligence framework-Part I: Induction of a transversal model by comparing illicit drugs and false identity documents monitoring. <i>Forensic Science International</i> , 2014, 236, 181-190.	2.2	69
10	False Negative Sentinel Lymph Node Biopsies in Melanoma May Result From Deficiencies in Nuclear Medicine, Surgery, or Pathology. <i>Annals of Surgery</i> , 2008, 247, 1003-1010.	4.2	67
11	Detection of Gunshot Residues Using Mass Spectrometry. <i>BioMed Research International</i> , 2014, 2014, 1-16.	1.9	58
12	Screening of gunshot residues using desorption electrospray ionisation-mass spectrometry (DESI-MS). <i>Forensic Science International</i> , 2012, 217, 101-106.	2.2	55
13	The development and comparison of collection techniques for inorganic and organic gunshot residues. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2567-2576.	3.7	44
14	Forensic intelligence framework. Part II: Study of the main generic building blocks and challenges through the examples of illicit drugs and false identity documents monitoring. <i>Forensic Science International</i> , 2015, 250, 44-52.	2.2	42
15	The use of organic and inorganic impurities found in MDMA police seizures in a drug intelligence perspective. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2014, 54, 32-41.	2.1	35
16	Review of the most common chemometric techniques in illicit drug profiling. <i>Forensic Science International</i> , 2019, 302, 109911.	2.2	35
17	Development of a UHPLC method for the detection of organic gunshot residues using artificial neural networks. <i>Analytical Methods</i> , 2015, 7, 7447-7454.	2.7	28
18	Percolation Diffusion into Self-Assembled Mesoporous Silica Microfibres. <i>Nanomaterials</i> , 2014, 4, 157-174.	4.1	26

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19	Qualitative analysis of seized cocaine samples using desorption electrospray ionization-mass spectrometry (DESI-MS). <i>Drug Testing and Analysis</i> , 2015, 7, 393-400.	2.6	26
20	A forensic investigation on the persistence of organic gunshot residues. <i>Forensic Science International</i> , 2018, 292, 1-10.	2.2	25
21	A study of transfer and prevalence of organic gunshot residues. <i>Forensic Science International</i> , 2017, 277, 241-251.	2.2	24
22	Analysis of amphetamine-type substances by capillary zone electrophoresis using capacitively coupled contactless conductivity detection. <i>Electrophoresis</i> , 2010, 31, 2608-2613.	2.4	22
23	A rapid method for the in-field analysis of amphetamines employing the Agilent Bioanalyzer. <i>Analytical Methods</i> , 2011, 3, 1535.	2.7	19
24	Antimony by ICP-MS as a marker for sentinel lymph nodes in melanoma patients. <i>Analyst, The</i> , 2003, 128, 217-219.	3.5	18
25	Antimony concentrations in nodal tissue can confirm sentinel node identity. <i>Modern Pathology</i> , 2004, 17, 1191-1197.	5.5	17
26	Analysis of amphetamine-type substances and piperazine analogues using desorption electrospray ionisation mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 731-740.	1.5	16
27	The use of methylamphetamine chemical profiling in an intelligence-led perspective and the observation of inhomogeneity within seizures. <i>Forensic Science International</i> , 2015, 246, 55-64.	2.2	16
28	Stability of smokeless powder compounds on collection devices. <i>Forensic Science International</i> , 2017, 270, 55-60.	2.2	16
29	Secondary transfer of organic gunshot residues: Empirical data to assist the evaluation of three scenarios. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2019, 59, 58-66.	2.1	14
30	Failure to remove true sentinel nodes can cause failure of the sentinel node biopsy technique: Evidence from antimony concentrations in false-negative sentinel nodes from melanoma patients. <i>Annals of Surgical Oncology</i> , 2004, 11, 174S-178S.	1.5	13
31	An investigation on the secondary transfer of organic gunshot residues. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2019, 59, 248-255.	2.1	11
32	Confirmation of Sentinel Lymph Node Identity by Analysis of Fine-Needle Biopsy Samples Using Inductively Coupled Plasma-Mass Spectrometry. <i>Annals of Surgical Oncology</i> , 2008, 15, 934-940.	1.5	8
33	Thinking beyond the lab: organic gunshot residues in an investigative perspective. <i>Australian Journal of Forensic Sciences</i> , 2018, , 1-7.	1.2	8
34	High-throughput screening for target compounds in smokeless powders using online-SPE tandem mass spectrometry. <i>Australian Journal of Forensic Sciences</i> , 2021, 53, 16-26.	1.2	8
35	Presumptive analysis of 4-methylmethcathinone (mephedrone) using Desorption Electrospray Ionisation - Mass Spectrometry (DESI-MS). <i>Australian Journal of Forensic Sciences</i> , 2014, 46, 411-423.	1.2	6
36	Chiral determination and assay of optical isomers in clandestine drug laboratory samples using LC-MSMS. <i>Analytical Methods</i> , 2017, 9, 3380-3387.	2.7	3

#	ARTICLE	IF	CITATIONS
37	Interpreting the link value of similarity scores between illicit drug specimens through a dual approach, featuring deterministic and Bayesian frameworks. Forensic Science International, 2021, 319, 110651.	2.2	3
38	Understanding Australian methylamphetamine drug markets through relational, temporal and spatial analyses. Drug Testing and Analysis, 2022, 14, 481-495.	2.6	3
39	An application example of the likelihood ratio approach to the evaluation of organic gunshot residues using a fictional scenario and recently published data. Forensic Science International, 2022, 335, 111267.	2.2	1
40	Correct identification of a sentinel node postselective lymphadenectomy using antimony levels. Melanoma Research, 2008, 18, 365-366.	1.2	0
41	The nanostructure of silica microfibers fabricated by microfluidic self-assembly. Proceedings of SPIE, 2013, , .	0.8	0