

Adam T Cawley

List of Publications by Citations

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41
papers

677
citations

15
h-index

25
g-index

49
ext. papers

804
ext. citations

3.4
avg, IF

3.94
L-index

#	Paper	IF	Citations
41	The application of carbon isotope ratio mass spectrometry to doping control. <i>Journal of Mass Spectrometry</i> , 2008 , 43, 854-64	2.2	115
40	Current applications of high-resolution mass spectrometry for the analysis of new psychoactive substances: a critical review. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 5821-5836	4.4	73
39	Carbon isotope ratio ($\delta^{13}\text{C}$) values of urinary steroids for doping control in sport. <i>Steroids</i> , 2009 , 74, 379-92	2.8	58
38	Delta(^{13}C), delta(^{15}N) and delta(^2H) isotope ratio mass spectrometry of ephedrine and pseudoephedrine: application to methylamphetamine profiling. <i>Rapid Communications in Mass Spectrometry</i> , 2009 , 23, 2003-10	2.2	41
37	Stable isotope ratio profiling of testosterone preparations. <i>Drug Testing and Analysis</i> , 2010 , 2, 557-67	3.5	41
36	Isotopic fractionation of endogenous anabolic androgenic steroids and its relationship to doping control in sports. <i>Journal of Chromatographic Science</i> , 2005 , 43, 32-8	1.4	37
35	The detection of androstenedione abuse in sport: a mass spectrometry strategy to identify the 4-hydroxyandrostenedione metabolite. <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 4147-57	2.2	28
34	Stable carbon isotope ratio profiling of illicit testosterone preparations--domestic and international seizures. <i>Drug Testing and Analysis</i> , 2014 , 6, 996-1001	3.5	24
33	Determination of urinary steroid sulfate metabolites using ion paired extraction. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 825, 1-10	3.2	21
32	Characterization of hallucinogenic phenethylamines using high-resolution mass spectrometry for non-targeted screening purposes. <i>Drug Testing and Analysis</i> , 2017 , 9, 1620-1629	3.5	20
31	Development of criteria for the detection of adrenosterone administration by gas chromatography-mass spectrometry and gas chromatography-combustion-isotope ratio mass spectrometry for doping control. <i>Drug Testing and Analysis</i> , 2009 , 1, 587-95	3.5	19
30	$\delta^{13}\text{C}$ and $\delta^2\text{H}$ isotope ratios in amphetamine synthesized from benzaldehyde and nitroethane. <i>Rapid Communications in Mass Spectrometry</i> , 2010 , 24, 1653-8	2.2	19
29	Methylamphetamine synthesis: does an alteration in synthesis conditions affect the (^{13}C), (^{15}N) and (^2H) stable isotope ratio values of the product?. <i>Drug Testing and Analysis</i> , 2012 , 4, 330-6	3.5	18
28	Detection of the selective androgen receptor modulator andarine (S-4) in a routine equine blood doping control sample. <i>Drug Testing and Analysis</i> , 2016 , 8, 257-61	3.5	16
27	<i>Pseudomonas aeruginosa</i> arylsulfatase: a purified enzyme for the mild hydrolysis of steroid sulfates. <i>Drug Testing and Analysis</i> , 2015 , 7, 903-11	3.5	15
26	The metabolism of anabolic-androgenic steroids in the greyhound. <i>Bioanalysis</i> , 2013 , 5, 769-81	2.1	13
25	External calibration in gas chromatography-combustion-isotope ratio mass spectrometry measurements of endogenous androgenic anabolic steroids in sports doping control. <i>Journal of Chromatography A</i> , 2011 , 1218, 5675-82	4.5	13

24	Detection and metabolic investigations of a novel designer steroid: 3-chloro-17βmethyl-5βandrostan-17βol. <i>Drug Testing and Analysis</i> , 2016 , 8, 621-32	3.5	11
23	Complementary stable carbon isotope ratio and amount of substance measurements in sports anti-doping. <i>Drug Testing and Analysis</i> , 2012 , 4, 897-911	3.5	11
22	In vivo and in vitro metabolism of the designer anabolic steroid furazadrol in thoroughbred racehorses. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 124, 198-206	3.5	10
21	Collision-Induced Dissociation Studies of Synthetic Opioids for Non-targeted Analysis. <i>Frontiers in Chemistry</i> , 2019 , 7, 331	5	10
20	Intelligence-based anti-doping from an equine biological passport. <i>Drug Testing and Analysis</i> , 2017 , 9, 1441-1447	3.5	7
19	The potential for complementary targeted/non-targeted screening of novel psychoactive substances in equine urine using liquid chromatography-high resolution accurate mass spectrometry. <i>Analytical Methods</i> , 2016 , 8, 1789-1797	3.2	7
18	Developments in Sports Drug Testing. <i>Australian Journal of Chemistry</i> , 2003 , 56, 175	1.2	7
17	Application of testosterone to epitestosterone ratio to horse urine - a complementary approach to detect the administrations of testosterone and its pro-drugs in Thoroughbred geldings. <i>Drug Testing and Analysis</i> , 2017 , 9, 1328-1336	3.5	6
16	Factors influencing total carbon dioxide concentrations in plasma of thoroughbred and standardbred racehorses. <i>Drug Testing and Analysis</i> , 2014 , 6, 936-43	3.5	6
15	The potential of urinary androstadiene markers to identify 4-androstenediol (4-ADIOL) administration in athletes. <i>Forensic Science International</i> , 2011 , 208, 129-38	2.6	6
14	Carbon isotope ratio analysis of endogenous glucocorticoid urinary metabolites after cortisone acetate and adrenosterone administration for doping control. <i>Drug Testing and Analysis</i> , 2012 , 4, 951-61	3.5	5
13	Detection and quantification of dermorphin and selected analogs in equine urine. <i>Bioanalysis</i> , 2013 , 5, 2995-3007	2.1	3
12	In vivo metabolism of the designer anabolic steroid hemapolin in the thoroughbred horse. <i>Drug Testing and Analysis</i> , 2020 , 12, 752-762	3.5	2
11	Replacing PAPS: In vitro phase II sulfation of steroids with the liver S9 fraction employing ATP and sodium sulfate. <i>Drug Testing and Analysis</i> , 2018 , 10, 330-339	3.5	2
10	Developments in high-resolution mass spectrometric analyses of new psychoactive substances.. <i>Archives of Toxicology</i> , 2022 , 96, 949	5.8	2
9	Nontargeted detection of designer androgens: Underestimated role of in vitro bioassays. <i>Drug Testing and Analysis</i> , 2021 , 13, 894-902	3.5	2
8	Finding the proverbial needle: Non-targeted screening of synthetic opioids in equine plasma. <i>Drug Testing and Analysis</i> , 2021 , 13, 977-989	3.5	2
7	Towards compound identification of synthetic opioids in nontargeted screening using machine learning techniques. <i>Drug Testing and Analysis</i> , 2021 , 13, 990-1000	3.5	2

6	Doping control study of AICAR in post-race urine and plasma samples from horses. <i>Drug Testing and Analysis</i> , 2017 , 9, 1363-1371	3.5	1
5	Towards an untargeted mass spectrometric approach for improved screening in equine antidoping. <i>Drug Testing and Analysis</i> , 2021 , 13, 1001-1007	3.5	1
4	Metabolomics in clinical and forensic toxicology, sports anti-doping, and veterinary residues.. <i>Drug Testing and Analysis</i> , 2022 ,	3.5	1
3	Monitoring dehydroepiandrosterone (DHEA) in the urine of Thoroughbred geldings for doping control purposes. <i>Drug Testing and Analysis</i> , 2018 , 10, 1518-1527	3.5	0
2	Profiling Urinary Sulfate Metabolites With Mass Spectrometry.. <i>Frontiers in Molecular Biosciences</i> , 2022 , 9, 829511	5.6	0
1	The need for antidoping research. <i>Molecular Therapy</i> , 2005 , 11, 177	11.7	