

Xavier de la Torre

List of Publications by Year in descending order

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133
papers

2,629
citations

201385

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253896

43
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136
all docs

136
docs citations

136
times ranked

1823
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospray mass spectrometry of testosterone esters: Potential for use in doping control. <i>Steroids</i> , 1997, 62, 523-529.	0.8	131
2	A screening method for the simultaneous detection of glucocorticoids, diuretics, stimulants, anti-oestrogens, beta-adrenergic drugs and anabolic steroids in human urine by LC-ESI-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 392, 681-698.	1.9	106
3	The abuse of diuretics as performance-enhancing drugs and masking agents in sport doping: pharmacology, toxicology and analysis. <i>British Journal of Pharmacology</i> , 2010, 161, 1-16.	2.7	104
4	Toxicological determination and <i>in vitro</i> metabolism of the designer drug methylenedioxypyrovalerone (MPDV) by gas chromatography/mass spectrometry and liquid chromatography/quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 2706-2714.	0.7	98
5	¹³ C/ ¹² C Isotope ratio MS analysis of testosterone, in chemicals and pharmaceutical preparations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001, 24, 645-650.	1.4	83
6	Ecdysteroids as non-conventional anabolic agent: performance enhancement by ecdysterone supplementation in humans. <i>Archives of Toxicology</i> , 2019, 93, 1807-1816.	1.9	75
7	Fast screening of anabolic steroids and other banned doping substances in human urine by gas chromatography/tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2002, 37, 1059-1073.	0.7	71
8	Discrimination of Prohibited Oral Use of Salbutamol from Authorized Inhaled Asthma Treatment. <i>Clinical Chemistry</i> , 2000, 46, 1365-1375.	1.5	65
9	Changes in Androgenic Steroid Profile Due to Urine Contamination by Microorganisms: A Prospective Study in the Context of Doping Control. <i>Analytical Biochemistry</i> , 2001, 289, 116-123.	1.1	58
10	Hair analysis and detectability of single dose administration of androgenic steroid esters. <i>Forensic Science International</i> , 2000, 107, 347-359.	1.3	57
11	Analytical methodology for enantiomers of salbutamol in human urine for application in doping control. <i>Biomedical Applications</i> , 1999, 723, 173-184.	1.7	53
12	A gas chromatography/mass spectrometry method for the determination of sildenafil, vardenafil and tadalafil and their metabolites in human urine. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1697-1706.	0.7	50
13	Plasma and urinary markers of oral testosterone undecanoate misuse. <i>Steroids</i> , 2002, 67, 39-50.	0.8	47
14	Urine stability and steroid profile: Towards a screening index of urine sample degradation for anti-doping purpose. <i>Analytica Chimica Acta</i> , 2011, 683, 221-226.	2.6	44
15	Screening and confirmation analysis of stimulants, narcotics and beta-adrenergic agents in human urine by hydrophilic interaction liquid chromatography coupled to mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 8156-8167.	1.8	42
16	Fast GC-MS method for the simultaneous screening of THC-COOH, cocaine, opiates and analogues including buprenorphine and fentanyl, and their metabolites in urine. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 1623-1630.	1.9	42
17	A Mass Spectrometric Approach for the Study of the Metabolism of Clomiphene, Tamoxifen and Toremifene by Liquid Chromatography Time-of-Flight Spectroscopy. <i>European Journal of Mass Spectrometry</i> , 2008, 14, 171-180.	0.5	40
18	A comprehensive procedure based on gas chromatography-isotope ratio mass spectrometry following high performance liquid chromatography purification for the analysis of underivatized testosterone and its analogues in human urine. <i>Analytica Chimica Acta</i> , 2012, 756, 23-29.	2.6	38

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19	Non-targeted LC-MS based metabolomics analysis of the urinary steroidal profile. <i>Analytica Chimica Acta</i> , 2017, 964, 112-122.	2.6	38
20	Oral Testosterone Administration Detected by Testosterone Glucuronidation Measured in Blood Spots Dried on Filter Paper. <i>Clinical Chemistry</i> , 2000, 46, 515-522.	1.5	37
21	A liquid chromatography-mass spectrometry method based on class characteristic fragmentation pathways to detect the class of indole-derivative synthetic cannabinoids in biological samples. <i>Analytica Chimica Acta</i> , 2014, 837, 70-82.	2.6	36
22	Detection of testosterone esters in human plasma. <i>Journal of Mass Spectrometry</i> , 1995, 30, 1393-1404.	0.7	35
23	SFC-MS/MS as an orthogonal technique for improved screening of polar analytes in anti-doping control. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 6789-6797.	1.9	34
24	Urinary Testosterone (T) To Epitestosterone (E) Ratios by GC/MS. I. Initial Comparison of Uncorrected T/E in Six International Laboratories. <i>Journal of Mass Spectrometry</i> , 1996, 31, 397-402.	0.7	31
25	Characterization of the biotransformation pathways of clomiphene, tamoxifen and toremifene as assessed by LC-MS/MS following in vitro and excretion studies. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 5467-5487.	1.9	31
26	Development and validation of a liquid chromatography-mass spectrometry procedure after solid-phase extraction for detection of 19 doping peptides in human urine. <i>Forensic Toxicology</i> , 2015, 33, 321-337.	1.4	31
27	Targeting the administration of ecdysterone in doping control samples. <i>Forensic Toxicology</i> , 2020, 38, 172-184.	1.4	31
28	Determination of β -agonists in hair by gas chromatography/mass spectrometry. , 1996, 31, 47-54.		29
29	Relevance of the selective oestrogen receptor modulators tamoxifen, toremifene and clomiphene in doping field: Endogenous steroids urinary profile after multiple oral doses. <i>Steroids</i> , 2011, 76, 1400-1406.	0.8	28
30	A simplified procedure for GC/C/IRMS analysis of underivatized 19-norandrosterone in urine following HPLC purification. <i>Steroids</i> , 2011, 76, 471-477.	0.8	27
31	Liquid chromatography clean-up method to improve identification of anabolic agents in human urine by gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2004, 522, 79-88.	2.6	25
32	Drug-drug interaction and doping, part 2: An <i>in vitro</i> study on the effect of non-prohibited drugs on the phase I metabolic profile of stanozolol. <i>Drug Testing and Analysis</i> , 2014, 6, 969-977.	1.6	23
33	A multi-targeted liquid chromatography-mass spectrometry screening procedure for the detection in human urine of drugs non-prohibited in sport commonly used by the athletes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 117, 47-60.	1.4	22
34	Rapid screening of beta-adrenergic agents and related compounds in human urine for anti-doping purpose using capillary electrophoresis with dynamic coating. <i>Journal of Separation Science</i> , 2009, 32, 3562-3570.	1.3	21
35	Narrowing the gap between the number of athletes who dope and the number of athletes who are caught: scientific advances that increase the efficacy of antidoping tests. <i>British Journal of Sports Medicine</i> , 2014, 48, 833-836.	3.1	21
36	Improving the detection of anabolic steroid esters in human serum by LC-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 194, 113807.	1.4	21

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37	The Relevance of the Urinary Concentration of Ephedrines in Anti-Doping Analysis: Determination of Pseudoephedrine, Cathine, and Ephedrine After Administration of Over-the-Counter Medicaments. Therapeutic Drug Monitoring, 2009, 31, 520-526.	1.0	20
38	A rapid screening LC-MS/MS method based on conventional HPLC pumps for the analysis of low molecular weight xenobiotics: application to doping control analysis. Drug Testing and Analysis, 2010, 2, 311-322.	1.6	20
39	Combined chemical and biotechnological production of 20 ¹² OH-NorDHCMT, a long-term metabolite of Oral-Turinabol (DHCMT). Journal of Inorganic Biochemistry, 2018, 183, 165-171.	1.5	20
40	Mass spectrometric characterization of tamoxifene metabolites in human urine utilizing different scan parameters on liquid chromatography/tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2010, 24, 749-760.	0.7	19
41	Strategies for internal quality control in antidoping analyses. Analytica Chimica Acta, 2002, 460, 289-307.	2.6	18
42	Effects of propyphenazone and other non-steroidal anti-inflammatory agents on the synthetic and endogenous androgenic anabolic steroids urinary excretion and/or instrumental detection. Analytica Chimica Acta, 2010, 657, 60-68.	2.6	18
43	Improved ultrasonic-based sample treatment for the screening of anabolic steroids by gas chromatography/mass spectrometry. Rapid Communications in Mass Spectrometry, 2010, 24, 2375-2385.	0.7	18
44	Analysis of Stimulants in Oral Fluid and Urine by Gas Chromatography-Mass Spectrometry II: Pseudoephedrine. Journal of Analytical Toxicology, 2010, 34, 210-215.	1.7	17
45	Development and validation of a GC-MS method for the confirmation analysis of pseudo-endogenous glucocorticoids in doping control. Drug Testing and Analysis, 2015, 7, 1071-1078.	1.6	17
46	Effects of transdermal administration of testosterone gel on the urinary steroid profile in hypogonadal men: Implications in antidoping analysis. Steroids, 2019, 152, 108491.	0.8	17
47	Laboratory medicine and sports: between Scylla and Charybdis. Clinical Chemistry and Laboratory Medicine, 2012, 50, 1309-16.	1.4	16
48	Characterization of the phase I and phase II metabolic profile of tolvaptan by in vitro studies and liquid chromatography-mass spectrometry profiling: Relevance to doping control analysis. Journal of Pharmaceutical and Biomedical Analysis, 2017, 145, 555-568.	1.4	16
49	Development and application of analytical procedures for the GC-MS/MS analysis of the sulfates metabolites of anabolic androgenic steroids: The pivotal role of chemical hydrolysis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1155, 122280.	1.2	16
50	Drug Use on Mont Blanc: A Study Using Automated Urine Collection. PLoS ONE, 2016, 11, e0156786.	1.1	16
51	A fast gas chromatography/mass spectrometry method for the determination of stimulants and narcotics in urine. Rapid Communications in Mass Spectrometry, 2010, 24, 1475-1480.	0.7	15
52	Reference ranges for the urinary steroid profile in a Latin American population. Drug Testing and Analysis, 2013, 5, 619-626.	1.6	15
53	A simplified procedure for the analysis of formoterol in human urine by liquid chromatography-electrospray tandem mass spectrometry: Application to the characterization of the metabolic profile and stability of formoterol in urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 931, 75-83.	1.2	15
54	A further insight into the metabolic profile of the nuclear receptor Rev-erb agonist, SR9009. Drug Testing and Analysis, 2018, 10, 1670-1681.	1.6	15

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55	Simultaneous detection of different chemical classes of selective androgen receptor modulators in urine by liquid chromatography-mass spectrometry-based techniques. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 195, 113849.	1.4	15
56	Detecting Autologous Blood Transfusion in Doping Control: Biomarkers of Blood Aging and Storage Measured by Flow Cytofluorimetry. <i>Current Pharmaceutical Biotechnology</i> , 2018, 19, 124-135.	0.9	15
57	Speeding up the process urine sample pre-treatment: Some perspectives on the use of microwave assisted extraction in the anti-doping field. <i>Talanta</i> , 2010, 81, 1264-1272.	2.9	14
58	Detection of new exemestane metabolites by liquid chromatography interfaced to electrospray-tandem mass spectrometry. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011, 127, 248-254.	1.2	14
59	Accelerated sample treatment for screening of banned doping substances by GC-MS: ultrasonication versus microwave energy. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 861-875.	1.9	14
60	Detection of formestane abuse by mass spectrometric techniques. <i>Drug Testing and Analysis</i> , 2014, 6, 1133-1140.	1.6	14
61	Urinary excretion profile of prednisone and prednisolone after different administration routes. <i>Drug Testing and Analysis</i> , 2019, 11, 1601-1614.	1.6	14
62	Fine-mapping of the substrate specificity of human steroid 21-hydroxylase (CYP21A2). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 194, 105446.	1.2	14
63	UPLC-MS-Based Procedures to Detect Prolyl-Hydroxylase Inhibitors of HIF in Urine. <i>Journal of Analytical Toxicology</i> , 2021, 45, 184-194.	1.7	14
64	Drug-drug interactions and masking effects in sport doping: influence of miconazole administration on the urinary concentrations of endogenous anabolic steroids. <i>Forensic Toxicology</i> , 2016, 34, 386-397.	1.4	13
65	New Insights into the Metabolism of Methyltestosterone and Metandienone: Detection of Novel A-Ring Reduced Metabolites. <i>Molecules</i> , 2021, 26, 1354.	1.7	13
66	Detection of new urinary exemestane metabolites by gas chromatography coupled to mass spectrometry. <i>Steroids</i> , 2011, 76, 1010-1015.	0.8	12
67	Isotope ratio mass spectrometry in antidoping analysis: The use of endogenous reference compounds. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 579-586.	0.7	12
68	How reliable is dietary supplement labelling? Experiences from the analysis of ecdysterone supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 177, 112877.	1.4	12
69	A further insight into methyltestosterone metabolism: New evidences from <i>in vitro</i> and <i>in vivo</i> experiments. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8870.	0.7	12
70	<i>In vitro</i> evaluation of the effects of anti-fungals, benzodiazepines and non-steroidal anti-inflammatory drugs on the glucuronidation of 19-norandrosterone: implications on doping control analysis. <i>Drug Testing and Analysis</i> , 2016, 8, 930-939.	1.6	11
71	Longitudinal evaluation of the isotope ratio mass spectrometric data: towards the "isotopic module" of the athlete biological passport?. <i>Drug Testing and Analysis</i> , 2016, 8, 1212-1221.	1.6	11
72	Detection of urinary metabolites of arimistane in humans by gas chromatography coupled to high-accuracy mass spectrometry for antidoping analyses. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1894-1905.	0.7	11

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73	7 α -keto Δ DHEA metabolism in humans. Pitfalls in interpreting the analytical results in the antidoping field. <i>Drug Testing and Analysis</i> , 2019, 11, 1629-1643.	1.6	11
74	Analysis of exemestane and 17 β -hydroxyexemestane in human urine by gas chromatography/mass spectrometry: development and validation of a method using MO-TMS derivatives. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 3297-3302.	0.7	10
75	Investigation on the application of DNA forensic human identification techniques to detect homologous blood transfusions in doping control. <i>Talanta</i> , 2013, 110, 28-31.	2.9	10
76	Application of DNA-based forensic analysis for the detection of homologous transfusion of whole blood and of red blood cell concentrates in doping control. <i>Forensic Science International</i> , 2016, 265, 204-210.	1.3	10
77	Fast IRMS screening of pseudoendogenous steroids in doping analyses. <i>Drug Testing and Analysis</i> , 2017, 9, 1804-1812.	1.6	10
78	Development and validation of a method to confirm the exogenous origin of prednisone and prednisolone by GC μ IRMS. <i>Drug Testing and Analysis</i> , 2019, 11, 1615-1628.	1.6	10
79	Urinary excretion profile of methiopropamine in mice following intraperitoneal administration: A liquid chromatography μ tandem mass spectrometry investigation. <i>Drug Testing and Analysis</i> , 2021, 13, 91-100.	1.6	10
80	Detection of Homologous Blood Transfusion in Sport Doping by Flow Cytofluorimetry: State of the Art and New Approaches to Reduce the Risk of False-Negative Results. <i>Frontiers in Sports and Active Living</i> , 2022, 4, 808449.	0.9	10
81	Urinary excretion profiles of toremifene metabolites by liquid chromatography-mass spectrometry. Towards targeted analysis to relevant metabolites in doping control. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 529-541.	1.9	9
82	Drug μ drug interaction and doping, part 1: An <i>in vitro</i> study on the effect of non μ prohibited drugs on the phase I metabolic profile of toremifene. <i>Drug Testing and Analysis</i> , 2014, 6, 482-491.	1.6	9
83	Synthetic isoflavones and doping: A novel class of aromatase inhibitors?. <i>Drug Testing and Analysis</i> , 2019, 11, 208-214.	1.6	9
84	Detection of recombinant insulins in human urine by liquid chromatography μ electrospray ionization tandem mass spectrometry after immunoaffinity purification based on monolithic microcolumns. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 8153-8162.	1.9	9
85	Microwave irradiation for a fast gas chromatography μ mass spectrometric analysis of polysaccharide-based plasma volume expanders in human urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 3024-3032.	1.2	8
86	Human hepatoma cell lines on gas foaming templated alginate scaffolds for <i>in vitro</i> drug-drug interaction and metabolism studies. <i>Toxicology in Vitro</i> , 2015, 30, 331-340.	1.1	8
87	Multianalyte LC μ MS-based methods in doping control: what are the implications for doping athletes?. <i>Bioanalysis</i> , 2016, 8, 1129-1132.	0.6	8
88	Detection of clostebol in sports: Accidental doping?. <i>Drug Testing and Analysis</i> , 2020, 12, 1561-1569.	1.6	8
89	Urinary Elimination of Ecdysterone and Its Metabolites Following a Single-Dose Administration in Humans. <i>Metabolites</i> , 2021, 11, 366.	1.3	8
90	Doping control container for urine stabilization: a pilot study. <i>Drug Testing and Analysis</i> , 2017, 9, 699-712.	1.6	7

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91	Influence of Indomethacin on Steroid Metabolism: Endocrine Disruption and Confounding Effects in Urinary Steroid Profiling of Anti-Doping Analyses. <i>Metabolites</i> , 2020, 10, 463.	1.3	7
92	Influence of Pain Killers on the Urinary Anabolic Steroid Profile. <i>Journal of Analytical Toxicology</i> , 2020, 44, 871-879.	1.7	7
93	Detection and quantitation of ecdysterone in human serum by liquid chromatography coupled to tandem mass spectrometry. <i>Steroids</i> , 2020, 157, 108603.	0.8	7
94	Metabolic profile of the synthetic drug 4,4-dimethylaminorex in urine by LC-MS-based techniques: selection of the most suitable markers of its intake. <i>Forensic Toxicology</i> , 2021, 39, 89-100.	1.4	7
95	Coupling high-resolution mass spectrometry and chemometrics for the structural characterization of anabolic-androgenic steroids and the early detection of unknown designer structures. <i>Talanta</i> , 2021, 227, 122173.	2.9	7
96	Recent progress in the detection of the administration of natural hormones: Special focus on Testosterone. <i>Toxin Reviews</i> , 1999, 18, 125-144.	1.5	6
97	Drug-drug interaction and doping: Effect of non-prohibited drugs on the urinary excretion profile of methandienone. <i>Drug Testing and Analysis</i> , 2018, 10, 1554-1565.	1.6	6
98	Detection of 5 α -reductase inhibitors by UPLC-MS/MS: Application to the definition of the excretion profile of dutasteride in urine. <i>Drug Testing and Analysis</i> , 2019, 11, 1737-1746.	1.6	6
99	Validation of steroid sulfates deconjugation for metabolic studies. Application to human urine samples. <i>Journal of Pharmacological and Toxicological Methods</i> , 2020, 106, 106938.	0.3	6
100	Carbon isotopic characterization of prednisolone and prednisone pharmaceutical formulations: Implications in antidoping analysis. <i>Drug Testing and Analysis</i> , 2020, 12, 1587-1598.	1.6	6
101	Serum Levels of Brain-Derived Neurotrophic Factor and Other Neurotrophins in Elite Athletes: Potential Markers of the Use of Transcranial Direct Current Stimulation in Sport. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 619573.	0.9	6
102	Effects of the administration of miconazole by different routes on the biomarkers of the α -steroidal module of the Athlete Biological Passport. <i>Drug Testing and Analysis</i> , 2021, 13, 1712-1726.	1.6	6
103	Controlled administration of dehydrochloromethyltestosterone in humans: Urinary excretion and long-term detection of metabolites for anti-doping purpose. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 214, 105978.	1.2	6
104	A rapid analytical method for the detection of plasma volume expanders and mannitol based on the urinary saccharides and polyalcohols profile. <i>Drug Testing and Analysis</i> , 2011, 3, 896-905.	1.6	5
105	A simple and rapid pre-confirmation method to distinguish endogenous human haemoglobin from synthetic haemoglobin-based oxygen carriers in doping control. <i>Electrophoresis</i> , 2011, 32, 2915-2918.	1.3	5
106	Metabolism of boldione in humans by mass spectrometric techniques: detection of pseudoendogenous metabolites. <i>Drug Testing and Analysis</i> , 2013, 5, 834-842.	1.6	5
107	A modified procedure based on a vacuum-driven blotting system for the detection of erythropoietin and its analogs. <i>Bioanalysis</i> , 2014, 6, 1605-1615.	0.6	5
108	In-depth gas chromatography/tandem mass spectrometry fragmentation analysis of formestane and evaluation of mass spectral discrimination of isomeric 3-ketone hydroxy steroids. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8937.	0.7	5

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109	Detecting the abuse of 19 α -steroids in doping controls: A new gas chromatography coupled to isotope ratio mass spectrometry method for the analysis of 19 α -androsterone and 19 α -nortiocholanolone. <i>Drug Testing and Analysis</i> , 2021, 13, 770-784.	1.6	5
110	Influence of synthetic isoflavones on selected urinary steroid biomarkers: Relevance to doping control. <i>Steroids</i> , 2021, 174, 108900.	0.8	5
111	In vitro metabolic profile of mesterolone, a mephedrone analog, studied by high- and low-resolution mass spectrometry. <i>Drug Testing and Analysis</i> , 2022, 14, 269-276.	1.6	5
112	Metabolomics workflow as a driven tool for rapid detection of metabolites in doping analysis. Development and validation. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9217.	0.7	5
113	Quantification of thyroid hormones and analogs by liquid chromatography coupled to mass spectrometry. Preliminary results in athletes and non-athletes serum samples. <i>Drug Testing and Analysis</i> , 2022, 14, 1438-1450.	1.6	5
114	Comparing metabolic profiles between female endurance athletes and non-athletes reveals differences in androgen and corticosteroid levels. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2022, 219, 106081.	1.2	5
115	Liposomes as potential masking agents in sport doping. Part 2: Detection of liposome-entrapped haemoglobin by flow cytometry. <i>Drug Testing and Analysis</i> , 2017, 9, 208-215.	1.6	4
116	Liposomes as potential masking agents in sport doping. Part 1: analysis of phospholipids and sphingomyelins in drugs and biological fluids by aqueous normal-phase liquid chromatography-tandem mass spectrometry. <i>Drug Testing and Analysis</i> , 2017, 9, 75-86.	1.6	4
117	An investigation on the metabolic pathways of synthetic isoflavones by gas chromatography coupled to high accuracy mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1485-1493.	0.7	4
118	Metabolism of formestane in humans: Identification of urinary biomarkers for antidoping analysis. <i>Steroids</i> , 2019, 146, 34-42.	0.8	4
119	5 α -reductase inhibitors: Evaluation of their potential confounding effect on GC-IRMS doping analysis. <i>Drug Testing and Analysis</i> , 2021, 13, 1852-1861.	1.6	4
120	Mass spectrometric analysis of 7 α -oxygenated androstane structures. Influence in trimethylsilyl derivative formation. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8834.	0.7	4
121	Thyroid metabolism and supplementation: A review framed in sports environment. <i>Drug Testing and Analysis</i> , 2022, 14, 1176-1186.	1.6	4
122	Evaluation of longitudinal $\delta^{13}C$ IRMS data in antidoping analysis. <i>Drug Testing and Analysis</i> , 0, , .	1.6	4
123	Smoking habits of Italian athletes undergoing anti-doping control. <i>Drug Testing and Analysis</i> , 2016, 8, 133-135.	1.6	3
124	Effect of non-prohibited drugs on the phase II metabolic profile of morphine. An in vitro investigation for doping control purposes. <i>Drug Testing and Analysis</i> , 2018, 10, 984-994.	1.6	3
125	Detection of urinary arimistane metabolites in humans using liquid chromatography-mass spectrometry: Complementary results to gas chromatography mass spectrometric data and its application to antidoping analyses. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9080.	0.7	3
126	Low-energy electron ionization optimization for steroidomics analysis using high-resolution mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9196.	0.7	3

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127	Urinary excretion and effects on visual placing response in mice of gamma-valero-lactone, an alternative to gamma-hydroxy-butyrate for drug-facilitated sexual assault. <i>Emerging Trends in Drugs, Addictions, and Health</i> , 2022, 2, 100028.	0.5	3
128	The effect of zolpidem on cognitive function and postural control at high altitude. <i>Sleep</i> , 2018, 41, .	0.6	2
129	Influence of Saw palmetto and <i>Pygeum africana</i> extracts on the urinary concentrations of endogenous anabolic steroids: Relevance to doping analysis. <i>Phytomedicine Plus</i> , 2021, 1, 100005.	0.9	2
130	Arimistane: Degradation product or metabolite of 7-oxo-DHEA?. <i>Drug Testing and Analysis</i> , 2021, 13, 1430-1439.	1.6	2
131	Application of liquid chromatography coupled to data-independent acquisition mass spectrometry for the metabolic profiling of N-ethyl heptedrone. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1185, 122989.	1.2	2
132	Optimization of a method to detect levothyroxine and related compounds in serum and urine by liquid chromatography coupled to triple quadrupole mass spectrometry. <i>Journal of Pharmacological and Toxicological Methods</i> , 2022, 115, 107169.	0.3	2
133	Corticosteroid Biosynthesis Revisited: Substrate Specificity of Steroid 21-Hydroxylase. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0