

Xavier de la Torre

List of Publications by Citations

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129
papers

2,032
citations

26
h-index

38
g-index

136
ext. papers

2,336
ext. citations

3.5
avg, IF

4.91
L-index

#	Paper	IF	Citations
129	Electrospray mass spectrometry of testosterone esters: potential for use in doping control. <i>Steroids</i> , 1997 , 62, 523-9	2.8	117
128	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, 681-98	4.4	94
127	Toxicological determination and in vitro metabolism of the designer drug methylenedioxypropylamphetamine (MDPV) by gas chromatography/mass spectrometry and liquid chromatography/quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010 , 24, 2706-11	2.2	89
126	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, 645-50	3.5	77
125	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	8.6	70
124	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, 1059-73	2.2	65
123	Discrimination of Prohibited Oral Use of Salbutamol from Authorized Inhaled Asthma Treatment. <i>Clinical Chemistry</i> , 2000 , 46, 1365-1375	5.5	57
122	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, 116-23	3.1	50
121	Hair analysis and detectability of single dose administration of androgenic steroid esters. <i>Forensic Science International</i> , 2000 , 107, 347-59	2.6	47
120	Analytical methodology for enantiomers of salbutamol in human urine for application in doping control. <i>Biomedical Applications</i> , 1999 , 723, 173-84		47
119	Plasma and urinary markers of oral testosterone undecanoate misuse. <i>Steroids</i> , 2002 , 67, 39-50	2.8	45
118	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, 1697-706	2.2	44
117	Urine stability and steroid profile: towards a screening index of urine sample degradation for anti-doping purpose. <i>Analytica Chimica Acta</i> , 2011 , 683, 221-6	6.6	40
116	Ecdysteroids as non-conventional anabolic agent: performance enhancement by ecdysterone supplementation in humans. <i>Archives of Toxicology</i> , 2019 , 93, 1807-1816	5.8	37
115	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, 8156-67	4.5	37
114	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, 23-9	6.6	36
113	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, 1623-30	4.4	35

112	Oral Testosterone Administration Detected by Testosterone Glucuronidation Measured in Blood Spots Dried on Filter Paper. <i>Clinical Chemistry</i> , 2000 , 46, 515-522	5.5	33
111	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, 171-80	1.1	32
110	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	6.6	31
109	Detection of testosterone esters in human plasma. <i>Journal of Mass Spectrometry</i> , 1995 , 30, 1393-1404	2.2	30
108	Non-targeted LC-MS based metabolomics analysis of the urinary steroidal profile. <i>Analytica Chimica Acta</i> , 2017 , 964, 112-122	6.6	29
107	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, 6789-97	4.4	29
106	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, 5467-87	4.4	27
105	A simplified procedure for GC/C/IRMS analysis of underivatized 19-norandrosterone in urine following HPLC purification. <i>Steroids</i> , 2011 , 76, 471-7	2.8	26
104	Determination of beta 2-agonists in hair by gas chromatography/mass spectrometry. <i>Journal of Mass Spectrometry</i> , 1996 , 31, 47-54	2.2	26
103	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	2.2	26
102	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	2.6	24
101	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	6.6	24
100	Drug-drug interaction and doping, part 2: an in vitro study on the effect of non-prohibited drugs on the phase I metabolic profile of stanozolol. <i>Drug Testing and Analysis</i> , 2014 , 6, 969-77	3.5	21
99	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, 1400-6	2.8	21
98	Combined chemical and biotechnological production of 20 α H-NorDHCMT, a long-term metabolite of Oral-Turinabol (DHCMT). <i>Journal of Inorganic Biochemistry</i> , 2018 , 183, 165-171	4.2	18
97	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. <i>Drug Testing and Analysis</i> , 2010 , 2, 311-22	3.5	18
96	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	3.5	17
95	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, 3562-70	3.4	17

94	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. <i>Therapeutic Drug Monitoring</i> , 2009 , 31, 520-6	3.2	17
93	Targeting the administration of ecdysterone in doping control samples. <i>Forensic Toxicology</i> , 2020 , 38, 172-184	2.6	16
92	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, 833-6	10.3	15
91	Mass spectrometric characterization of tamoxifene metabolites in human urine utilizing different scan parameters on liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010 , 24, 749-60	2.2	15
90	Improved ultrasonic-based sample treatment for the screening of anabolic steroids by gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010 , 24, 2375-85	2.2	15
89	Accelerated sample treatment for screening of banned doping substances by GC-MS: ultrasonication versus microwave energy. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 399, 861-75	4.4	14
88	Effects of propyphenazone and other non-steroidal anti-inflammatory agents on the synthetic and endogenous androgenic anabolic steroids urinary excretion and/or instrumental detection. <i>Analytica Chimica Acta</i> , 2010 , 657, 60-8	6.6	14
87	Reference ranges for the urinary steroid profile in a Latin-American population. <i>Drug Testing and Analysis</i> , 2013 , 5, 619-26	3.5	13
86	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013 , 931, 75-83	3.2	13
85	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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 145, 555-568	3.5	13
84	Development and validation of a GC-C-IRMS method for the confirmation analysis of pseudo-endogenous glucocorticoids in doping control. <i>Drug Testing and Analysis</i> , 2015 , 7, 1071-8	3.5	13
83	Analysis of stimulants in oral fluid and urine by gas chromatography-mass spectrometry II: pseudoephedrine. <i>Journal of Analytical Toxicology</i> , 2010 , 34, 210-5	2.9	13
82	Strategies for internal quality control in antidoping analyses. <i>Analytica Chimica Acta</i> , 2002 , 460, 289-307	6.6	13
81	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	2.6	12
80	Effects of transdermal administration of testosterone gel on the urinary steroid profile in hypogonadal men: Implications in antidoping analysis. <i>Steroids</i> , 2019 , 152, 108491	2.8	12
79	Detection of formestane abuse by mass spectrometric techniques. <i>Drug Testing and Analysis</i> , 2014 , 6, 1133-40	3.5	12
78	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, 248-54	5.1	12
77	Detection of new urinary exemestane metabolites by gas chromatography coupled to mass spectrometry. <i>Steroids</i> , 2011 , 76, 1010-5	2.8	12

76	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, 1264-72	6.2	12
75	Drug Use on Mont Blanc: A Study Using Automated Urine Collection. <i>PLoS ONE</i> , 2016 , 11, e0156786	3.7	12
74	A further insight into the metabolic profile of the nuclear receptor Rev-erb agonist, SR9009. <i>Drug Testing and Analysis</i> , 2018 , 10, 1670-1681	3.5	11
73	Fine-mapping of the substrate specificity of human steroid 21-hydroxylase (CYP21A2). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019 , 194, 105446	5.1	10
72	Urinary excretion profile of prednisone and prednisolone after different administration routes. <i>Drug Testing and Analysis</i> , 2019 , 11, 1601-1614	3.5	10
71	A fast gas chromatography/mass spectrometry method for the determination of stimulants and narcotics in urine. <i>Rapid Communications in Mass Spectrometry</i> , 2010 , 24, 1475-80	2.2	10
70	In vitro 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, 930-9	3.5	10
69	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, 529-41	4.4	9
68	Laboratory medicine and sports: between Scylla and Charybdis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012 , 50, 1309-16	5.9	9
67	Microwave irradiation for a fast gas chromatography-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, 3024-32	3.2	8
66	Longitudinal evaluation of the isotope ratio mass spectrometric data: towards the Tisotopic moduleTof the athlete biological passport?. <i>Drug Testing and Analysis</i> , 2016 , 8, 1212-1221	3.5	8
65	How reliable is dietary supplement labelling?-Experiences from the analysis of ecdysterone supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 177, 112877	3.5	8
64	Human hepatoma cell lines on gas foaming templated alginate scaffolds for in vitro drug-drug interaction and metabolism studies. <i>Toxicology in Vitro</i> , 2015 , 30, 331-40	3.6	7
63	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	2.2	7
62	7-keto-DHEA metabolism in humans. Pitfalls in interpreting the analytical results in the antidoping field. <i>Drug Testing and Analysis</i> , 2019 , 11, 1629-1643	3.5	7
61	Doping control container for urine stabilization: a pilot study. <i>Drug Testing and Analysis</i> , 2017 , 9, 699-712	3.5	7
60	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	6.2	7
59	Analysis of exemestane and 17hydroxyexemestane 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, 3297-302	2.2	7

58	Isotope ratio mass spectrometry in antidoping analysis: The use of endogenous reference compounds. <i>Rapid Communications in Mass Spectrometry</i> , 2019 , 33, 579-586	2.2	7
57	Improving the detection of anabolic steroid esters in human serum by LC-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 194, 113807	3.5	7
56	Fast IRMS screening of pseudoendogenous steroids in doping analyses. <i>Drug Testing and Analysis</i> , 2017 , 9, 1804-1812	3.5	6
55	Influence of Pain Killers on the Urinary Anabolic Steroid Profile. <i>Journal of Analytical Toxicology</i> , 2020 , 44, 871-879	2.9	6
54	A further insight into methyltestosterone metabolism: New evidences from in vitro and in vivo experiments. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34, e8870	2.2	6
53	Detection and quantitation of ecdysterone in human serum by liquid chromatography coupled to tandem mass spectrometry. <i>Steroids</i> , 2020 , 157, 108603	2.8	6
52	Synthetic isoflavones and doping: A novel class of aromatase inhibitors?. <i>Drug Testing and Analysis</i> , 2019 , 11, 208-214	3.5	6
51	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	2.6	6
50	New Insights into the Metabolism of Methyltestosterone and Metandienone: Detection of Novel A-Ring Reduced Metabolites. <i>Molecules</i> , 2021 , 26,	4.8	6
49	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, 204-10	2.6	6
48	Detection of recombinant insulins in human urine by liquid chromatography-electrospray ionization tandem mass spectrometry after immunoaffinity purification based on monolithic microcolumns. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 8153-8162	4.4	6
47	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	3.5	6
46	Development and validation of a method to confirm the exogenous origin of prednisone and prednisolone by GC-C-IRMS. <i>Drug Testing and Analysis</i> , 2019 , 11, 1615-1628	3.5	5
45	Drug-drug interaction and doping, part 1: an in vitro study on the effect of non-prohibited drugs on the phase I metabolic profile of toremifene. <i>Drug Testing and Analysis</i> , 2014 , 6, 482-91	3.5	5
44	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, 2915-8	3.6	5
43	Recent progress in the detection of the administration of natural hormones: Special focus on Testosterone. <i>Toxin Reviews</i> , 1999 , 18, 125-144		5
42	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1155, 122280	3.2	5
41	Urinary excretion profile of methiopropamine in mice following intraperitoneal administration: A liquid chromatography-tandem mass spectrometry investigation. <i>Drug Testing and Analysis</i> , 2021 , 13, 91-100	3.5	5

40	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	3.5	5
39	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	3.5	4
38	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 ⁴	2.2	4
37	A modified procedure based on a vacuum-driven blotting system for the detection of erythropoietin and its analogs. <i>Bioanalysis</i> , 2014 , 6, 1605-15	2.1	4
36	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	3.5	4
35	In-depth gas chromatography/tandem mass spectrometry fragmentation analysis of formestane and evaluation of mass spectral discrimination of isomeric 3-keto-4-ene hydroxy steroids. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34, e8937	2.2	4
34	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	3.5	4
33	Metabolic profile of the synthetic drug 4,4 α -dimethylaminorex in urine by LCMS-based techniques: selection of the most suitable markers of its intake. <i>Forensic Toxicology</i> , 2021 , 39, 89-100	2.6	4
32	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	3.5	3
31	Metabolism of formestane in humans: Identification of urinary biomarkers for antidoping analysis. <i>Steroids</i> , 2019 , 146, 34-42	2.8	3
30	Detection of clostebol in sports: Accidental doping?. <i>Drug Testing and Analysis</i> , 2020 , 12, 1561-1569	3.5	3
29	Carbon isotopic characterization of prednisolone and prednisone pharmaceutical formulations: Implications in antidoping analysis. <i>Drug Testing and Analysis</i> , 2020 , 12, 1587-1598	3.5	3
28	Metabolism of boldione in humans by mass spectrometric techniques: detection of pseudoendogenous metabolites. <i>Drug Testing and Analysis</i> , 2013 , 5, 834-42	3.5	3
27	Validation of steroid sulfates deconjugation for metabolic studies. Application to human urine samples. <i>Journal of Pharmacological and Toxicological Methods</i> , 2020 , 106, 106938	1.7	3
26	Influence of Indomethacin on Steroid Metabolism: Endocrine Disruption and Confounding Effects in Urinary Steroid Profiling of Anti-Doping Analyses. <i>Metabolites</i> , 2020 , 10,	5.6	3
25	Detecting the abuse of 19-norsteroids in doping controls: A new gas chromatography coupled to isotope ratio mass spectrometry method for the analysis of 19-norandrosterone and 19-noretiocholanolone. <i>Drug Testing and Analysis</i> , 2021 , 13, 770-784	3.5	3
24	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	3.5	3
23	The effect of zolpidem on cognitive function and postural control at high altitude. <i>Sleep</i> , 2018 , 41,	1.1	2

22	UPLC-MS-Based Procedures to Detect Prolyl-Hydroxylase Inhibitors of HIF in Urine. <i>Journal of Analytical Toxicology</i> , 2021 , 45, 184-194	2.9	2
21	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	6.2	2
20	Effects of the administration of miconazole by different routes on the biomarkers of the "steroidal module" of the Athlete Biological Passport. <i>Drug Testing and Analysis</i> , 2021 , 13, 1712-1726	3.5	2
19	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	5.1	2
18	Mass spectrometric analysis of 7-oxygenated androst-5-ene structures. Influence in trimethylsilyl derivative formation. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34, e8834	2.2	2
17	Arimistane: Degradation product or metabolite of 7-oxo-DHEA?. <i>Drug Testing and Analysis</i> , 2021 , 13, 1430-1439	3.5	1
16	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	2.2	1
15	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	2.3	1
14	Urinary Elimination of Ecdysterone and Its Metabolites Following a Single-Dose Administration in Humans. <i>Metabolites</i> , 2021 , 11,	5.6	1
13	5 α -Reductase inhibitors: Evaluation of their potential confounding effect on GC-C-IRMS doping analysis. <i>Drug Testing and Analysis</i> , 2021 ,	3.5	1
12	Smoking habits of italian athletes undergoing anti-doping control. <i>Drug Testing and Analysis</i> , 2016 , 8, 133-5	3.5	1
11	Influence of Saw palmetto and Pygeum africana extracts on the urinary concentrations of endogenous anabolic steroids: Relevance to doping analysis. <i>Phytomedicine Plus</i> , 2021 , 1, 100005		1
10	Influence of synthetic isoflavones on selected urinary steroid biomarkers: Relevance to doping control. <i>Steroids</i> , 2021 , 174, 108900	2.8	1
9	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	2.3	0
8	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	2.2	0
7	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> , 2021 , 100028		0
6	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	3.2	0
5	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	1.7	0

- 4 Comparing metabolic profiles between endurance athlete and non-athlete females reveals differences in androgenic and corticosteroids levels.. *Journal of Steroid Biochemistry and Molecular Biology*, **2022**, 106081 5.1 0
- 3 Advances in steroid detection **2015**, 78-90
- 2 Corticosteroid Biosynthesis Revisited: Substrate Specificity of Steroid 21-Hydroxylase. *FASEB Journal*, **2020**, 34, 1-1 0.9
- 1 Low-energy electron ionization optimization for steroidomics analysis using high-resolution mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2021**, 35, e9196 2.2