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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

156 papers	3,774 citations	32 h-index	50 g-index
157 ext. papers	4,132 ext. citations	3.9 avg, IF	5.15 L-index

#	Paper	IF	Citations
156	Derivatization procedures for gas chromatographic-mass spectrometric determination of xenobiotics in biological samples, with special attention to drugs of abuse and doping agents. <i>Biomedical Applications</i> , 1998 , 713, 61-90		193
155	Prenatal exposure to bisphenol A and phthalates and childhood respiratory tract infections and allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 135, 370-8	11.5	148
154	Prenatal Phthalate Exposure and Childhood Growth and Blood Pressure: Evidence from the Spanish INMA-Sabadell Birth Cohort Study. <i>Environmental Health Perspectives</i> , 2015 , 123, 1022-9	8.4	114
153	Exposure to Bisphenol A and Phthalates during Pregnancy and Ultrasound Measures of Fetal Growth in the INMA-Sabadell Cohort. <i>Environmental Health Perspectives</i> , 2016 , 124, 521-8	8.4	93
152	Use of LC-MS/MS for the open detection of steroid metabolites conjugated with glucuronic acid. <i>Analytical Chemistry</i> , 2013 , 85, 5005-14	7.8	86
151	Variability and predictors of urinary phthalate metabolites in Spanish pregnant women. <i>International Journal of Hygiene and Environmental Health</i> , 2015 , 218, 220-31	6.9	83
150	Detection of diuretic agents in doping control. <i>Biomedical Applications</i> , 1996 , 687, 127-44		76
149	Prenatal exposure to phthalates and neuropsychological development during childhood. <i>International Journal of Hygiene and Environmental Health</i> , 2015 , 218, 550-8	6.9	68
148	Analytical strategies based on mass spectrometric techniques for the study of steroid metabolism. <i>TrAC - Trends in Analytical Chemistry</i> , 2014 , 53, 106-116	14.6	62
147	Progress in the removal of di-[2-ethylhexyl]-phthalate as plasticizer in blood bags. <i>Transfusion Medicine Reviews</i> , 2012 , 26, 27-37	7.4	61
146	Derivatization procedures for the detection of beta(2)-agonists by gas chromatographic/mass spectrometric analysis. <i>Journal of Mass Spectrometry</i> , 2000 , 35, 1285-94	2.2	59
145	High-throughput and sensitive screening by ultra-performance liquid chromatography tandem mass spectrometry of diuretics and other doping agents. <i>European Journal of Mass Spectrometry</i> , 2008 , 14, 191-200	1.1	57
144	Discrimination of Prohibited Oral Use of Salbutamol from Authorized Inhaled Asthma Treatment. <i>Clinical Chemistry</i> , 2000 , 46, 1365-1375	5.5	57
143	Alternative long-term markers for the detection of methyltestosterone misuse. <i>Steroids</i> , 2013 , 78, 44-52.	2.8	55
142	Analytical methodology for the detection of β -agonists in urine by gas chromatography-mass spectrometry for application in doping control. <i>Analytica Chimica Acta</i> , 2000 , 418, 79-92	6.6	53
141	Targeting tryptophan and tyrosine metabolism by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016 , 1434, 91-101	4.5	52
140	Detection of non-steroidal anti-inflammatory drugs in equine plasma and urine by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 1996 , 719, 251-64	4.5	52

139	New potential markers for the detection of boldenone misuse. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2012 , 132, 239-46	5.1	51
138	Fast screening method for diuretics, probenecid and other compounds of doping interest. <i>Journal of Chromatography A</i> , 1993 , 655, 233-242	4.5	48
137	Investigation of endogenous corticosteroids profiles in human urine based on liquid chromatography tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2014 , 812, 92-104	6.6	47
136	A new sulphate metabolite as a long-term marker of metandienone misuse. <i>Steroids</i> , 2013 , 78, 1245-53	2.8	47
135	Analytical methodology for enantiomers of salbutamol in human urine for application in doping control. <i>Biomedical Applications</i> , 1999 , 723, 173-84		47
134	Comparison between triple quadrupole, time of flight and hybrid quadrupole time of flight analysers coupled to liquid chromatography for the detection of anabolic steroids in doping control analysis. <i>Analytica Chimica Acta</i> , 2011 , 684, 98-111	6.6	44
133	Evaluation of different scan methods for the urinary detection of corticosteroid metabolites by liquid chromatography tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2009 , 44, 929-44	2.2	43
132	Testosterone metabolism revisited: discovery of new metabolites. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 398, 1759-70	4.4	42
131	Validation of qualitative chromatographic methods: strategy in antidoping control laboratories. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002 , 767, 341-51	3.2	41
130	Distinction of inhaled and oral salbutamol by urine analysis using conventional screening procedures for doping control. <i>Therapeutic Drug Monitoring</i> , 2000 , 22, 277-82	3.2	38
129	Diagnostic evidence for the presence of beta-agonists using two consecutive derivatization procedures and gas chromatography-mass spectrometric analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002 , 780, 61-71	3.2	37
128	Identification of budesonide metabolites in human urine after oral administration. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 325-40	4.4	35
127	Untargeted metabolomics in doping control: detection of new markers of testosterone misuse by ultrahigh performance liquid chromatography coupled to high-resolution mass spectrometry. <i>Analytical Chemistry</i> , 2015 , 87, 8373-80	7.8	34
126	Urinary di-(2-ethylhexyl)phthalate metabolites in athletes as screening measure for illicit blood doping: a comparison study with patients receiving blood transfusion. <i>Transfusion</i> , 2010 , 50, 145-9	2.9	34
125	Stability studies of amphetamine and ephedrine derivatives in urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006 , 843, 84-93	3.2	34
124	Quantifying endogenous androgens, estrogens, pregnenolone and progesterone metabolites in human urine by gas chromatography tandem mass spectrometry. <i>Talanta</i> , 2017 , 169, 20-29	6.2	32
123	Screening for anabolic steroids in sports: analytical strategy based on the detection of phase I and phase II intact urinary metabolites by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015 , 1389, 65-75	4.5	32
122	Mass spectrometric behavior of anabolic androgenic steroids using gas chromatography coupled to atmospheric pressure chemical ionization source. Part I: ionization. <i>Journal of Mass Spectrometry</i> , 2014 , 49, 509-21	2.2	31

121	Detection, synthesis and characterization of metabolites of steroid hormones conjugated with cysteine. <i>Steroids</i> , 2013 , 78, 327-36	2.8	31
120	Rapid determination of urinary di(2-ethylhexyl) phthalate metabolites based on liquid chromatography/tandem mass spectrometry as a marker for blood transfusion in sports drug testing. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 401, 517-28	4.4	31
119	Stability studies of selected doping agents in urine: caffeine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003 , 795, 167-77	3.2	30
118	Approach to the analysis of diuretics and masking agents by high-performance liquid chromatography-mass spectrometry in doping control. <i>Biomedical Applications</i> , 1991 , 562, 723-36		30
117	Pseudoephedrine and circadian rhythm interaction on neuromuscular performance. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25, e603-12	4.6	28
116	Alternative markers for the long-term detection of oral testosterone misuse. <i>Steroids</i> , 2011 , 76, 1367-76	2.8	
115	Detection of dihydrotestosterone gel, oral dehydroepiandrosterone, and testosterone gel misuse through the quantification of testosterone metabolites released after alkaline treatment. <i>Drug Testing and Analysis</i> , 2011 , 3, 828-35	3.5	28
114	Stability of drugs of abuse in oral fluid collection devices with purpose of external quality assessment schemes. <i>Therapeutic Drug Monitoring</i> , 2009 , 31, 277-80	3.2	28
113	Quantitation of 17beta-nandrolone metabolites in boar and horse urine by gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2007 , 586, 184-95	6.6	28
112	International cooperation in analytical chemistry: experience of antidoping control at the XI Pan American Games. <i>Clinical Chemistry</i> , 1993 , 39, 836-845	5.5	28
111	Using complementary mass spectrometric approaches for the determination of methylprednisolone metabolites in human urine. <i>Rapid Communications in Mass Spectrometry</i> , 2012 , 26, 541-53	2.2	27
110	Determination and characterization of diuretics in human urine by liquid chromatography coupled to pneumatically assisted electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2001 , 36, 652-7	2.2	27
109	Plasticizers excreted in urine: indication of autologous blood transfusion in sports. <i>Transfusion</i> , 2012 , 52, 647-57	2.9	26
108	Discrimination of prohibited oral use from authorized inhaled treatment of budesonide in sports. <i>Therapeutic Drug Monitoring</i> , 2013 , 35, 118-28	3.2	26
107	Screening procedure for beta-adrenergic drugs in sports drug testing by immunological methods. <i>Journal of Analytical Toxicology</i> , 1998 , 22, 127-34	2.9	26
106	Urinary profile of methylprednisolone and its metabolites after oral and topical administrations. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013 , 138, 214-21	5.1	25
105	Determination of five di-(2-ethylhexyl)phthalate metabolites in urine by UPLC-MS/MS, markers of blood transfusion misuse in sports. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 908, 113-21	3.2	25
104	Urinary metabolic profile of 19-norsteroids in humans: glucuronide and sulphate conjugates after oral administration of 19-nor-4-androstenediol. <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 3035-42	2.2	24

103	Sensitive and robust method for anabolic agents in human urine by gas chromatography-triple quadrupole mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 897, 85-9	3.2	23
102	Evaluation of immunoassays for the measurement of erythropoietin (EPO) as an indirect biomarker of recombinant human EPO misuse in sport. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004 , 35, 1169-77	3.5	23
101	Evaluation of immunoassays for the measurement of insulin-like growth factor-I and procollagen type III peptide, indirect biomarkers of recombinant human growth hormone misuse in sport. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005 , 43, 75-85	5.9	23
100	Constant Ion Loss Method for the Untargeted Detection of Bis-sulfate Metabolites. <i>Analytical Chemistry</i> , 2017 , 89, 1602-1609	7.8	22
99	Mass spectrometric characterization of urinary toremifene metabolites for doping control analyses. <i>Journal of Chromatography A</i> , 2011 , 1218, 4727-37	4.5	22
98	HAIRVEQ: an external quality control scheme for drugs of abuse analysis in hair. <i>Forensic Science International</i> , 2004 , 145, 109-15	2.6	22
97	Determination of mesocarb metabolites by high-performance liquid chromatography with UV detection and with mass spectrometry using a particle-beam interface. <i>Journal of Chromatography A</i> , 1993 , 647, 203-210	4.5	22
96	Detection and characterization of prednisolone metabolites in human urine by LC-MS/MS. <i>Journal of Mass Spectrometry</i> , 2015 , 50, 633-42	2.2	21
95	Detection and characterization of clostebol sulfate metabolites in Caucasian population. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016 , 1022, 54-63	3.2	21
94	Detection and characterization of urinary metabolites of boldione by LC-MS/MS. Part I: Phase I metabolites excreted free, as glucuronide and sulfate conjugates, and released after alkaline treatment of the urine. <i>Drug Testing and Analysis</i> , 2012 , 4, 775-85	3.5	21
93	Quantification of testosterone and metabolites released after alkaline treatment in human urine. <i>Drug Testing and Analysis</i> , 2010 , 2, 630-6	3.5	21
92	Stability studies of testosterone and epitestosterone glucuronides in urine. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 858-64	2.2	21
91	Application of pericardial fluid to the analysis of morphine (heroin) and cocaine in forensic toxicology. <i>Forensic Science International</i> , 2006 , 164, 168-71	2.6	21
90	Evaluation of two glucuronides resistant to enzymatic hydrolysis as markers of testosterone oral administration. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 165, 212-218	5.1	20
89	Potential of atmospheric pressure chemical ionization source in gas chromatography tandem mass spectrometry for the screening of urinary exogenous androgenic anabolic steroids. <i>Analytica Chimica Acta</i> , 2016 , 906, 128-138	6.6	20
88	Pharmacokinetics of buprenorphine after intravenous administration of clinical doses to dogs. <i>Veterinary Journal</i> , 2009 , 181, 299-304	2.5	20
87	Ultraperformance liquid chromatography tandem mass spectrometric method for direct quantification of salbutamol in urine samples in doping control. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 50, 886-90	3.5	20
86	Growth hormone in sport: beyond Beijing 2008. <i>Therapeutic Drug Monitoring</i> , 2009 , 31, 3-13	3.2	19

85	Quantification of terbutaline in urine by enzyme-linked immunosorbent assay and capillary electrophoresis after oral and inhaled administrations. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002 , 768, 315-24	3.2	19
84	A partially automated pretreatment module for routine analyses for seventeen non-steroid antiinflammatory drugs in race horses using gas chromatography/mass spectrometry. <i>Analytical Chemistry</i> , 1996 , 68, 118-23	7.8	19
83	Direct quantitation of endogenous steroid sulfates in human urine by liquid chromatography-electrospray tandem mass spectrometry. <i>Drug Testing and Analysis</i> , 2018 , 10, 1734-1743	3.5	19
82	Detection and characterization of betamethasone metabolites in human urine by LC-MS/MS. <i>Drug Testing and Analysis</i> , 2015 , 7, 663-72	3.5	18
81	Quantification of perphenazine in eurasian otter (<i>Lutra lutra lutra</i>) urine samples by gas chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002 , 769, 79-87	3.2	18
80	Detection of erythropoiesis-stimulating agents in a single dried blood spot. <i>Drug Testing and Analysis</i> , 2018 , 10, 1496-1507	3.5	17
79	Stability studies of principal illicit drugs in oral fluid: preparation of reference materials for external quality assessment schemes. <i>Therapeutic Drug Monitoring</i> , 2007 , 29, 662-5	3.2	17
78	Ultra high performance liquid chromatography tandem mass spectrometric detection of glucuronides resistant to enzymatic hydrolysis: Implications to doping control analysis. <i>Analytica Chimica Acta</i> , 2015 , 895, 35-44	6.6	16
77	Evaluation of the reporting level to detect triamcinolone acetonide misuse in sports. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015 , 145, 94-102	5.1	16
76	Evaluation of urinary excretion of androgens conjugated to cysteine in human pregnancy by mass spectrometry. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014 , 139, 192-200	5.1	16
75	Detection and characterization of triamcinolone acetonide metabolites in human urine by liquid chromatography/tandem mass spectrometry after intramuscular administration. <i>Rapid Communications in Mass Spectrometry</i> , 2014 , 28, 1829-39	2.2	16
74	Recent developments in MS for small molecules: application to human doping control analysis. <i>Bioanalysis</i> , 2012 , 4, 197-212	2.1	15
73	Current status and bioanalytical challenges in the detection of unknown anabolic androgenic steroids in doping control analysis. <i>Bioanalysis</i> , 2013 , 5, 2661-77	2.1	15
72	Effect of physical fitness and endurance exercise on indirect biomarkers of recombinant growth hormone misuse: insulin-like growth factor I and procollagen type III peptide. <i>International Journal of Sports Medicine</i> , 2006 , 27, 976-83	3.6	15
71	Validation of a procedure for the gas chromatography-mass spectrometry analysis of cocaine and metabolites in pericardial fluid. <i>Journal of Analytical Toxicology</i> , 2007 , 31, 75-80	2.9	15
70	Reference materials for analytical toxicology including doping control: freeze-dried urine samples. <i>Analyst</i> , 2004 , 129, 449-55	5	15
69	Evaluation of sulfate metabolites as markers of intramuscular testosterone administration in Caucasian and Asian populations. <i>Drug Testing and Analysis</i> , 2019 , 11, 1218-1230	3.5	14
68	Detection and characterization of urinary metabolites of boldione by LC-MS/MS. Part II: Conjugates with cysteine and N-acetylcysteine. <i>Drug Testing and Analysis</i> , 2012 , 4, 786-97	3.5	14

67	Plasma buprenorphine concentrations after the application of a 70 microg/h transdermal patch in dogs. Preliminary report. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2009 , 32, 503-5	1.4	14
66	Immunoassays for the measurement of IGF-II, IGFBP-2 and -3, and ICTP as indirect biomarkers of recombinant human growth hormone misuse in sport. Values in selected population of athletes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 48, 844-52	3.5	14
65	Detection of the administration of 17beta-nortestosterone in boars by gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 1863-70	2.2	14
64	Effect of physical fitness and endurance exercise on indirect biomarkers of recombinant erythropoietin misuse. <i>International Journal of Sports Medicine</i> , 2007 , 28, 9-15	3.6	14
63	Evaluation of immunoassays for the measurement of soluble transferrin receptor as an indirect biomarker of recombinant human erythropoietin misuse in sport. <i>Journal of Immunological Methods</i> , 2004 , 295, 89-99	2.5	14
62	Additional studies on triamcinolone acetonide use and misuse in sports: Elimination profile after intranasal and high-dose intramuscular administrations. <i>Steroids</i> , 2019 , 151, 108464	2.8	13
61	Detection of stanozolol O- and N-sulfate metabolites and their evaluation as additional markers in doping control. <i>Drug Testing and Analysis</i> , 2017 , 9, 1001-1010	3.5	13
60	Detection methods for autologous blood doping. <i>Drug Testing and Analysis</i> , 2012 , 4, 876-81	3.5	13
59	Protocols for stability and homogeneity studies of drugs for its application to doping control. <i>Analytica Chimica Acta</i> , 2004 , 515, 323-331	6.6	13
58	Strategies for internal quality control in antidoping analyses. <i>Analytica Chimica Acta</i> , 2002 , 460, 289-307	6.6	13
57	Sulfate metabolites improve retrospectivity after oral testosterone administration. <i>Drug Testing and Analysis</i> , 2019 , 11, 392-402	3.5	13
56	Screening method for stimulants in urine by UHPLC-MS/MS: identification of isomeric compounds. <i>Drug Testing and Analysis</i> , 2015 , 7, 819-30	3.5	12
55	Evaluation of fibronectin 1 in one dried blood spot and in urine after rhGH treatment. <i>Drug Testing and Analysis</i> , 2017 , 9, 1011-1016	3.5	12
54	Evaluation of immunoassays for the measurement of insulin and C-peptide as indirect biomarkers of insulin misuse in sport: values in selected population of athletes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 49, 793-9	3.5	12
53	Identification of free and conjugated metabolites of mesocarb in human urine by LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 2903-16	4.4	12
52	Genetic and protein biomarkers in blood for the improved detection of GH abuse. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 128, 111-118	3.5	12
51	Adrenal hormonal imbalance in acute intermittent porphyria patients: results of a case control study. <i>Orphanet Journal of Rare Diseases</i> , 2014 , 9, 54	4.2	11
50	Alterations of the erythrocyte membrane proteome and cytoskeleton network during storage--a possible tool to identify autologous blood transfusion. <i>Drug Testing and Analysis</i> , 2012 , 4, 882-90	3.5	11

49	Evaluation of markers out of the steroid profile for the screening of testosterone misuse. Part I: Transdermal administration. <i>Drug Testing and Analysis</i> , 2018 , 10, 821-831	3.5	11
48	Effect of physical fitness and endurance exercise on indirect biomarkers of growth hormone and insulin misuse: Immunoassay-based measurement in urine samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 53, 1003-10	3.5	10
47	Can glycans unveil the origin of glycoprotein hormones? - human chorionic gonadotrophin as an example -. <i>Journal of Mass Spectrometry</i> , 2008 , 43, 936-48	2.2	10
46	Discrimination of prohibited oral use of salbutamol from authorized inhaled asthma treatment. <i>Clinical Chemistry</i> , 2000 , 46, 1365-75	5.5	10
45	Evaluation of uncertainty sources in the determination of testosterone in urine by calibration-based and isotope dilution quantification using ultra high performance liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2017 , 1508, 73-80	4.5	9
44	Elimination profile of triamcinolone hexacetonide and its metabolites in human urine and plasma after a single intra-articular administration. <i>Drug Testing and Analysis</i> , 2019 , 11, 1589-1600	3.5	9
43	Synthesis and characterization of 6 β hydroxyandrosterone and 6 β hydroxyetiocholanolone conjugated with glucuronic acid. <i>Drug Testing and Analysis</i> , 2015 , 7, 247-52	3.5	9
42	Bioanalytical techniques in discrimination between therapeutic and abusive use of drugs in sport. <i>Bioanalysis</i> , 2016 , 8, 965-80	2.1	9
41	Sulfate metabolites as alternative markers for the detection of 4-chlorometandienone misuse in doping control. <i>Drug Testing and Analysis</i> , 2017 , 9, 983-993	3.5	9
40	Current strategic approaches for the detection of blood doping practices. <i>Forensic Science International</i> , 2011 , 213, 42-8	2.6	9
39	Enzyme-linked immunosorbent assays for the synthetic steroid gestrinone. <i>Talanta</i> , 2010 , 82, 1581-7	6.2	9
38	Intermittent hypoxia exposure in a hypobaric chamber and erythropoietin abuse interpretation. <i>Journal of Sports Sciences</i> , 2007 , 25, 1241-50	3.6	9
37	Enzyme-linked immunosorbent assays for doping control of 5 α -reductase inhibitors finasteride and dutasteride. <i>Analytica Chimica Acta</i> , 2010 , 671, 70-9	6.6	8
36	Gas chromatography-mass spectrometry method for the analysis of 19-nor-4-androstenediol and metabolites in human plasma: application to pharmacokinetic studies after oral administration of a prohormone supplement. <i>Steroids</i> , 2008 , 73, 751-9	2.8	8
35	ORALVEQ: external quality assessment scheme of drugs of abuse in oral fluid: results obtained in the first round performed in 2007. <i>Forensic Science International</i> , 2008 , 182, 35-40	2.6	8
34	Clarification on the detection of epoetin delta and epoetin omega using isoelectric focusing. <i>American Journal of Hematology</i> , 2008 , 83, 754; author reply 754-5	7.1	8
33	Detection in urine of efaproxiral (RSR13), a potential doping agent, by a routine screening procedure based on methylation followed by gas chromatography/mass spectrometry. <i>Analytica Chimica Acta</i> , 2004 , 505, 227-229	6.6	8
32	Evaluation of markers out of the steroid profile for the screening of testosterone misuse. Part II: Intramuscular administration. <i>Drug Testing and Analysis</i> , 2018 , 10, 849-859	3.5	8

31	LC-MS/MS detection of unaltered glucuronoconjugated metabolites of metandienone. <i>Drug Testing and Analysis</i> , 2017 , 9, 534-544	3.5	7
30	Urinary cysteinyl progestogens: Occurrence and origin. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015 , 152, 53-61	5.1	7
29	Formation of (1) and (6) testosterone metabolites by human hepatocytes. <i>Steroids</i> , 2015 , 95, 66-72	2.8	7
28	Evaluation of the urinary threshold concentration of formoterol in sports drug testing. <i>Drug Testing and Analysis</i> , 2013 , 5, 266-9	3.5	7
27	International cooperation in analytical chemistry: experience of antidoping control at the XI Pan American Games. <i>Clinical Chemistry</i> , 1993 , 39, 836-45	5.5	7
26	Masking and manipulation. <i>Handbook of Experimental Pharmacology</i> , 2010 , 327-54	3.2	7
25	A novel approach to improve detection of glucocorticoid doping in sport with new guidance for physicians prescribing for athletes. <i>British Journal of Sports Medicine</i> , 2021 ,	10.3	7
24	Budesonide use and misuse in sports: Elimination profiles of budesonide and metabolites after intranasal, high-dose inhaled and oral administrations. <i>Drug Testing and Analysis</i> , 2020 , 12, 629-636	3.5	7
23	Factors affecting urinary excretion of testosterone metabolites conjugated with cysteine. <i>Drug Testing and Analysis</i> , 2016 , 8, 110-9	3.5	6
22	Effect of glucocorticoid administration on the steroid profile. <i>Drug Testing and Analysis</i> , 2018 , 10, 947-955	5.5	6
21	HAIRVEQ 2006: evolution of laboratories' performance after different educational actions. <i>Forensic Science International</i> , 2008 , 176, 2-8	2.6	6
20	Four years' experience in external proficiency testing programs for hair testing of drugs of abuse in Italy (HAIRVEQ) and comparison with the Society of Hair Testing program in 2005. <i>Therapeutic Drug Monitoring</i> , 2007 , 29, 11-9	3.2	6
19	The effect of tea consumption on the steroid profile. <i>Drug Testing and Analysis</i> , 2018 , 10, 1438-1447	3.5	5
18	Chapter 15 Doping substances in human and animal sport. <i>Handbook of Analytical Separations</i> , 2000 , 2, 531-566	0.7	5
17	Analysis of naltrexone urinary metabolites. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1988 , 6, 887-93	3.5	5
16	Elimination profiles of prednisone and prednisolone after different administration routes: Evaluation of the reporting level and washout periods to ensure safe therapeutic administrations. <i>Drug Testing and Analysis</i> , 2021 , 13, 571-582	3.5	5
15	Chapter 21 Doping substances in human and animal sport. <i>Handbook of Analytical Separations</i> , 2008 , 699-744	0.7	4
14	Elimination profiles of betamethasone after different administration routes: Evaluation of the reporting level and washout periods to ensure safe therapeutic administrations. <i>Drug Testing and Analysis</i> , 2021 , 13, 348-359	3.5	4

13	New approach based on immunochemical techniques for monitoring of selective estrogen receptor modulators (SERMs) in human urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 156, 147-152	3.5	3
12	High-Resolution Mass Spectrometry in Doping Control. <i>Comprehensive Analytical Chemistry</i> , 2016 , 91-117	7.9	2
11	Ionization and collision induced dissociation of steroid bisglucuronides. <i>Journal of Mass Spectrometry</i> , 2017 , 52, 759-769	2.2	2
10	Response to Letter to the Editor regarding Rapid determination of urinary di(2-ethylhexyl) phthalate metabolites based on liquid chromatography/tandem mass spectrometry as a marker for blood transfusion in sports drug testing. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 401, 579-580	4.4	2
9	Qualitative evaluation of chromatographic data from quality control schemes using a support vector machine. <i>Analyst, The</i> , 2008 , 133, 105-11	5	2
8	Comparison of magnetic bead surface functionalities for the immunopurification of growth hormone-releasing hormones prior to liquid chromatography-high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2020 , 1631, 461548	4.5	2
7	Mass spectrometric characterisation of a condensation product between porphobilinogen and indolyl-3-acryloylglycine in urine of patients with acute intermittent porphyria. <i>Journal of Mass Spectrometry</i> , 2015 , 50, 929-37	2.2	1
6	If you play with fire, you may get burned. <i>Drug Testing and Analysis</i> , 2020 , 12, 582-587	3.5	1
5	Analysis of hydroxylated phenylalkylamine stimulants in urine by GC-APPI-HRMS. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 7837-7850	4.4	1
4	Multiple headspace solid-phase microextraction (MHS-SPME) methodology applied to the determination of volatile metabolites of plasticizers in human urine. <i>Microchemical Journal</i> , 2022 , 180, 107567	4.8	0
3	Corrigendum to "Genetic and protein biomarkers in blood for the improved detection of GH abuse" [J. Pharm. Biomed. Anal. 128 (2016) 111-118, doi: 10.1016/j.jpba.2016.05.022.]. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 134, 385	3.5	
2	Bioanalysis and Analytical Services Research Group at The Municipal Institute for Medical Research IMIM-Hospital del Mar, Spain. <i>Bioanalysis</i> , 2009 , 1, 1403-9	2.1	
1	Protocols for stability and homogeneity studies of drugs for its application to doping control. <i>Analytica Chimica Acta</i> , 2004 , 515, 323-323	6.6	