

Oscar J Pozo

List of Publications by Year in descending order

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Version: 2024-02-01

182
papers

7,819
citations

38742

50
h-index

71685

76
g-index

183
all docs

183
docs citations

183
times ranked

6719
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in melatonin and sex steroid hormone production among men as a result of rotating night shift work – the HORMONIT study. <i>Scandinavian Journal of Work, Environment and Health</i> , 2022, 48, 41-51.	3.4	6
2	Determination of up to twenty carboxylic acid containing compounds in clinically relevant matrices by o-benzylhydroxylamine derivatization and liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 208, 114450.	2.8	17
3	Untargeted detection of the carbonyl metabolome by chemical derivatization and liquid chromatography-tandem mass spectrometry in precursor ion scan mode: Elucidation of COVID-19 severity biomarkers. <i>Analytica Chimica Acta</i> , 2022, 1196, 339405.	5.4	8
4	Evaluation of Metabolic Changes in Acute Intermittent Porphyria Patients by Targeted Metabolomics. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3219.	4.1	7
5	Metabolomics and integrated network analysis reveal roles of endocannabinoids and large neutral amino acid balance in the ayahuasca experience. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112845.	5.6	6
6	Characterization of Domiphen Bromide as a New Fast-Acting Antiplasmodial Agent Inhibiting the Apicoplastidic Methyl Erythritol Phosphate Pathway. <i>Pharmaceutics</i> , 2022, 14, 1320.	4.5	4
7	Targeted metabolomics in formalin-fixed paraffin-embedded tissue specimens: Liquid chromatography-tandem mass spectrometry determination of acidic metabolites in cancer research. <i>Talanta</i> , 2021, 223, 121740.	5.5	7
8	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.	2.6	10
9	Analysis of the interaction between tryptophan-related compounds and ATP-binding cassette transporter G2 (ABCG2) using targeted metabolomics. <i>Food Chemistry</i> , 2021, 344, 128665.	8.2	4
10	Glutamine-Directed Migration of Cancer-Activated Fibroblasts Facilitates Epithelial Tumor Invasion. <i>Cancer Research</i> , 2021, 81, 438-451.	0.9	35
11	On the road of dried blood spot sampling for antidoping tests: Detection of GHRH abuse. <i>Drug Testing and Analysis</i> , 2021, 13, 510-522.	2.6	5
12	Nail Melatonin Content: A Suitable Non-Invasive Marker of Melatonin Production. <i>International Journal of Molecular Sciences</i> , 2021, 22, 921.	4.1	6
13	Precarious Employment and Stress: The Biomedical Embodiment of Social Factors. PRESSED Project Study Protocol. <i>Frontiers in Public Health</i> , 2021, 9, 649447.	2.7	10
14	Metabolic Signatures Associated with Severity in Hospitalized COVID-19 Patients. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4794.	4.1	62
15	Sex differences in fear memory consolidation via Tac2 signaling in mice. <i>Nature Communications</i> , 2021, 12, 2496.	12.8	24
16	Dysregulation of homocysteine homeostasis in acute intermittent porphyria patients receiving heme arginate or givosiran. <i>Journal of Inherited Metabolic Disease</i> , 2021, 44, 961-971.	3.6	34
17	Effects of Wine and Tyrosol on the Lipid Metabolic Profile of Subjects at Risk of Cardiovascular Disease: Potential Cardioprotective Role of Ceramides. <i>Antioxidants</i> , 2021, 10, 1679.	5.1	5
18	Determination of the steroid profile in alternative matrices by liquid chromatography tandem mass spectrometry. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 197, 105520.	2.5	33

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19	Prenatal greenspace exposure and cord blood cortisol levels: A cross-sectional study in a middle-income country. <i>Environment International</i> , 2020, 144, 106047.	10.0	14
20	Bariatric surgery and LDL cholesterol (BASALTO) trial study protocol: randomised controlled study evaluating the effect of gastric bypass versus sleeve gastrectomy on high LDL cholesterol. <i>BMJ Open</i> , 2020, 10, e037712.	1.9	1
21	The Tryptophan System in Cocaine-Induced Depression. <i>Journal of Clinical Medicine</i> , 2020, 9, 4103.	2.4	11
22	Determination of steroid profile in hair by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1624, 461179.	3.7	25
23	Acute Effects of 2C-E in Humans: An Observational Study. <i>Frontiers in Pharmacology</i> , 2020, 11, 233.	3.5	11
24	LC-MS/MS method for the quantification of new psychoactive substances and evaluation of their urinary detection in humans for doping control analysis. <i>Drug Testing and Analysis</i> , 2020, 12, 785-797.	2.6	12
25	Maternal exposure to air pollution during pregnancy and cortisol level in cord blood. <i>Science of the Total Environment</i> , 2020, 713, 136622.	8.0	24
26	Pharmacokinetics of maslinic and oleanolic acids from olive oil – Effects on endothelial function in healthy adults. A randomized, controlled, dose-response study. <i>Food Chemistry</i> , 2020, 322, 126676.	8.2	38
27	Protective effects of mirtazapine in mice lacking the <i>Mbnl2</i> gene in forebrain glutamatergic neurons: Relevance for myotonic dystrophy 1. <i>Neuropharmacology</i> , 2020, 170, 108030.	4.1	7
28	Dose-Response Pharmacological Study of Mephedrone and Its Metabolites: Pharmacokinetics, Serotonergic Effects, and Impact of <i>CYP2D6</i> Genetic Variation. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 106, 596-604.	4.7	17
29	Quantification of endogenous neurotransmitters and related compounds by liquid chromatography coupled to tandem mass spectrometry. <i>Talanta</i> , 2019, 192, 93-102.	5.5	51
30	65: Prenatal stress modifies RNA expression of <i>HSD11β-2</i> and the hypothalamic-pituitary- adrenocortical axis in fetal growth restriction. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 220, S52.	1.3	0
31	Improving liquid chromatography-tandem mass spectrometry determination of polycarboxylic acids in human urine by chemical derivatization. Comparison of <i>o</i> -benzyl hydroxylamine and 2-picoly amine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 164, 382-394.	2.8	20
32	Metabolomics predicts the pharmacological profile of new psychoactive substances. <i>Journal of Psychopharmacology</i> , 2019, 33, 347-354.	4.0	21
33	Synthesis of steroid bisglucuronide and sulfate glucuronide reference materials: Unearthing neglected treasures of steroid metabolism. <i>Steroids</i> , 2019, 143, 25-40.	1.8	14
34	Isotope dilution LC-ESI-MS/MS and low resolution selected reaction monitoring as a tool for the accurate quantification of urinary testosterone. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 163, 113-121.	2.8	4
35	Maternal separation increases alcohol-drinking behaviour and reduces endocannabinoid levels in the mouse striatum and prefrontal cortex. <i>European Neuropsychopharmacology</i> , 2018, 28, 499-512.	0.7	45
36	SULFATION PATHWAYS: Alternate steroid sulfation pathways targeted by LC-MS/MS analysis of disulfates: application to prenatal diagnosis of steroid synthesis disorders. <i>Journal of Molecular Endocrinology</i> , 2018, 61, M1-M12.	2.5	20

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37	Targeting human urinary metabolome by LC-MS/MS: a review. <i>Bioanalysis</i> , 2018, 10, 489-516.	1.5	42
38	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.	2.6	12
39	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.	2.6	16
40	GC/MS in Recent Years Has Defined the Normal and Clinically Disordered Steroidome: Will It Soon Be Surpassed by LC/Tandem MS in This Role?. <i>Journal of the Endocrine Society</i> , 2018, 2, 974-996.	0.2	57
41	GC-MS Quantification Method for Mephedrone in Plasma and Urine: Application to Human Pharmacokinetics. <i>Journal of Analytical Toxicology</i> , 2017, 41, 100-106.	2.8	19
42	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.	2.5	25
43	LC-MS/MS detection of unaltered glucuronoconjugated metabolites of metandienone. <i>Drug Testing and Analysis</i> , 2017, 9, 534-544.	2.6	8
44	In vitro metabolism study of a black market product containing SARM LGD-4033. <i>Drug Testing and Analysis</i> , 2017, 9, 168-178.	2.6	35
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.	3.7	10
46	2-picolyamine derivatization for high sensitivity detection of abscisic acid in apicomplexan blood-infecting parasites. <i>Talanta</i> , 2017, 168, 130-135.	5.5	6
47	Quantifying endogenous androgens, estrogens, pregnenolone and progesterone metabolites in human urine by gas chromatography tandem mass spectrometry. <i>Talanta</i> , 2017, 169, 20-29.	5.5	40
48	Binge ethanol drinking during adolescence modifies cocaine responses in mice. <i>Journal of Psychopharmacology</i> , 2017, 31, 86-95.	4.0	8
49	Constant Ion Loss Method for the Untargeted Detection of Bis-sulfate Metabolites. <i>Analytical Chemistry</i> , 2017, 89, 1602-1609.	6.5	31
50	Pharmacokinetics of Mephedrone and Its Metabolites in Human by LC-MS/MS. <i>AAPS Journal</i> , 2017, 19, 1767-1778.	4.4	31
51	Normalizing Ovulation Rate by Preferential Reduction of Hepato-Visceral Fat in Adolescent Girls With Polycystic Ovary Syndrome. <i>Journal of Adolescent Health</i> , 2017, 61, 446-453.	2.5	34
52	Liquid chromatography tandem mass spectrometric determination of triterpenes in human fluids: Evaluation of markers of dietary intake of olive oil and metabolic disposition of oleanolic acid and maslinic acid in humans. <i>Analytica Chimica Acta</i> , 2017, 990, 84-95.	5.4	20
53	Determination of selected endogenous anabolic androgenic steroids and ratios in urine by ultra high performance liquid chromatography tandem mass spectrometry and isotope pattern deconvolution. <i>Journal of Chromatography A</i> , 2017, 1515, 172-178.	3.7	12
54	Comprehensive analysis of the tryptophan metabolome in urine of patients with acute intermittent porphyria. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1060, 347-354.	2.3	23

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55	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.	2.6	12
56	High-Resolution Mass Spectrometry in Doping Control. <i>Comprehensive Analytical Chemistry</i> , 2016, , 91-117.	1.3	3
57	Targeting tryptophan and tyrosine metabolism by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1434, 91-101.	3.7	72
58	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.	2.3	27
59	Potential of atmospheric pressure chemical ionization source in gas chromatography tandem mass spectrometry for the screening of urinary exogenous androgenic anabolic steroids. <i>Ánalytica Chimica Acta</i> , 2016, 906, 128-138.	5.4	29
60	Current LC-MS methods and procedures applied to the identification of new steroid metabolites. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 162, 41-56.	2.5	44
61	Chronic pain causes a persistent anxiety state leading to increased ethanol intake in CD1 mice. <i>Journal of Psychopharmacology</i> , 2016, 30, 188-203.	4.0	29
62	Maternal separation induces neuroinflammation and long-lasting emotional alterations in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 65, 104-117.	4.8	110
63	Analytical strategy to investigate 3,4-methylenedioxypropylvalerone (MDPV) metabolites in consumers' urine by high-resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 151-164.	3.7	38
64	Factors affecting urinary excretion of testosterone metabolites conjugated with cysteine. <i>Drug Testing and Analysis</i> , 2016, 8, 110-119.	2.6	7
65	Mass spectrometric characterisation of a condensation product between porphobilinogen and indolylacryloylglycine in urine of patients with acute intermittent porphyria. <i>Journal of Mass Spectrometry</i> , 2015, 50, 929-937.	1.6	1
66	Increased and Mistimed Sex Hormone Production in Night Shift Workers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 854-863.	2.5	54
67	Formation of β^1 and β^6 testosterone metabolites by human hepatocytes. <i>Steroids</i> , 2015, 95, 66-72.	1.8	7
68	Mass Spectrometric Evaluation of Mephedrone In Vivo Human Metabolism: Identification of Phase I and Phase II Metabolites, Including a Novel Succinyl Conjugate. <i>Drug Metabolism and Disposition</i> , 2015, 43, 248-257.	3.3	73
69	Detection and characterization of betamethasone metabolites in human urine by LC-MS/MS. <i>Drug Testing and Analysis</i> , 2015, 7, 663-672.	2.6	19
70	Detection and characterization of prednisolone metabolites in human urine by LC-MS/MS. <i>Journal of Mass Spectrometry</i> , 2015, 50, 633-642.	1.6	26
71	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, 8373-8380.	6.5	39
72	Urinary cysteinyl progestogens: Occurrence and origin. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 152, 53-61.	2.5	10

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73	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.	3.7	37
74	Derivatization of steroids in biological samples for GC-MS and LC-MS analyses. <i>Bioanalysis</i> , 2015, 7, 2515-2536.	1.5	71
75	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.	5.4	17
76	Synthesis and characterization of 6 β -hydroxyandrosterone and 6 β -hydroxyetiocholanolone conjugated with glucuronic acid. <i>Drug Testing and Analysis</i> , 2015, 7, 247-252.	2.6	10
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.	2.5	18
78	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, 1829-1839.	1.5	21
79	Microwave-assisted derivatization: Application to steroid profiling by gas chromatography/mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 960, 8-13.	2.3	24
80	Analytical strategies based on mass spectrometric techniques for the study of steroid metabolism. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 53, 106-116.	11.4	74
81	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.	2.5	18
82	Investigation of endogenous corticosteroids profiles in human urine based on liquid chromatography tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2014, 812, 92-104.	5.4	60
83	Dilute-and-shoot-liquid chromatography-mass spectrometry for urine analysis in doping control and analytical toxicology. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 55, 1-13.	11.4	110
84	Circadian Variation of Melatonin, Light Exposure, and Diurnal Preference in Day and Night Shift Workers of Both Sexes. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014, 23, 1176-1186.	2.5	66
85	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, 509-521.	1.6	33
86	Adrenal hormonal imbalance in acute intermittent porphyria patients: results of a case control study. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 54.	2.7	11
87	Metabolomic approaches for orange origin discrimination by ultra-high performance liquid chromatography coupled to quadrupole time-of-flight mass spectrometry. <i>Food Chemistry</i> , 2014, 157, 84-93.	8.2	85
88	Detection, synthesis and characterization of metabolites of steroid hormones conjugated with cysteine. <i>Steroids</i> , 2013, 78, 327-336.	1.8	37
89	Urinary profile of methylprednisolone and its metabolites after oral and topical administrations. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 138, 214-221.	2.5	31
90	A new sulphate metabolite as a long-term marker of metandienone misuse. <i>Steroids</i> , 2013, 78, 1245-1253.	1.8	57

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91	Alternative long-term markers for the detection of methyltestosterone misuse. <i>Steroids</i> , 2013, 78, 44-52.	1.8	67
92	Gas chromatography–mass spectrometry profiling of steroids in urine of patients with acute intermittent porphyria. <i>Clinical Biochemistry</i> , 2013, 46, 819-824.	1.9	14
93	High serum testosterone concentrations in a diabetic woman with end-stage renal disease. <i>Endocrinología Y Nutrición (English Edition)</i> , 2013, 60, e23-e25.	0.5	0
94	Concentraciones séricas elevadas de testosterona en una mujer con diabetes e insuficiencia renal terminal. <i>Endocrinología Y Nutrición: Órgano De La Sociedad Española De Endocrinología Y Nutrición</i> , 2013, 60, e23-e25.	0.8	0
95	Use of LC-MS/MS for the Open Detection of Steroid Metabolites Conjugated with Glucuronic Acid. <i>Analytical Chemistry</i> , 2013, 85, 5005-5014.	6.5	93
96	Discrimination of Prohibited Oral Use From Authorized Inhaled Treatment of Budesonide in Sports. <i>Therapeutic Drug Monitoring</i> , 2013, 35, 118-128.	2.0	27
97	Current status and bioanalytical challenges in the detection of unknown anabolic androgenic steroids in doping control analysis. <i>Bioanalysis</i> , 2013, 5, 2661-2677.	1.5	16
98	New potential markers for the detection of boldenone misuse. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2012, 132, 239-246.	2.5	59
99	Detection and characterization of urinary metabolites of boldione by LC–MS/MS. Part II: Conjugates with cysteine and <i>N</i> -acetylcysteine. <i>Drug Testing and Analysis</i> , 2012, 4, 786-797.	2.6	15
100	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, 775-785.	2.6	26
101	Recent developments in MS for small molecules: application to human doping control analysis. <i>Bioanalysis</i> , 2012, 4, 197-212.	1.5	18
102	Using complementary mass spectrometric approaches for the determination of methylprednisolone metabolites in human urine. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 541-553.	1.5	29
103	Quantitative detection of inhaled formoterol in human urine and relevance to doping control analysis. <i>Drug Testing and Analysis</i> , 2012, 4, 449-454.	2.6	19
104	Direct quantification of morphine glucuronides and free morphine in urine by liquid chromatography–tandem mass spectrometry. <i>Forensic Toxicology</i> , 2012, 30, 106-113.	2.4	10
105	Identification of budesonide metabolites in human urine after oral administration. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 325-340.	3.7	37
106	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, 85-89.	2.3	24
107	Alternative markers for the long-term detection of oral testosterone misuse. <i>Steroids</i> , 2011, 76, 1367-1376.	1.8	29
108	Quantitative Detection of Inhaled Salmeterol in Human Urine and Relevance to Doping Control Analysis. <i>Therapeutic Drug Monitoring</i> , 2011, 33, 627-631.	2.0	12

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109	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, 828-835.	2.6	31
110	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, 107-120.	5.4	46
111	Mass spectrometric characterization of urinary toremifene metabolites for doping control analyses. <i>Journal of Chromatography A</i> , 2011, 1218, 4727-4737.	3.7	23
112	Use of quadrupole time-of-flight mass spectrometry to determine proposed structures of transformation products of the herbicide bromacil after water chlorination. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3103-3113.	1.5	18
113	Quantification of testosterone and metabolites released after alkaline treatment in human urine. <i>Drug Testing and Analysis</i> , 2010, 2, 630-636.	2.6	21
114	Testosterone metabolism revisited: discovery of new metabolites. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1759-1770.	3.7	43
115	Quantification, confirmation and screening capability of UHPLC coupled to triple quadrupole and hybrid quadrupole time-of-flight mass spectrometry in pesticide residue analysis. <i>Journal of Mass Spectrometry</i> , 2010, 45, 421-436.	1.6	72
116	Direct quantification of 11 α -nor Δ^9 -tetrahydrocannabinol Δ^9 -carboxylic acid in urine by liquid chromatography/tandem mass spectrometry in relation to doping control analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1133-1141.	1.5	30
117	uPA+/+SCID Mouse with Humanized Liver as a Model for In Vivo Metabolism of Exogenous Steroids: Methandienone as a Case Study. <i>Clinical Chemistry</i> , 2009, 55, 1783-1793.	3.2	48
118	Detection and Characterization of a New Metabolite of 17 β -Methyltestosterone. <i>Drug Metabolism and Disposition</i> , 2009, 37, 2153-2162.	3.3	50
119	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, 929-944.	1.6	46
120	Use of ultra-high-pressure liquid chromatography-quadrupole time-of-flight MS to discover the presence of pesticide metabolites in food samples. <i>Journal of Separation Science</i> , 2009, 32, 2245-2261.	2.5	51
121	Quantification of testosterone undecanoate in human hair by liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2009, 23, 873-880.	1.7	19
122	Development and validation of an LC-MS/MS method for the quantification of ephedrines in urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 369-374.	2.3	49
123	Stability of selected chlorinated thiazide diuretics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 49, 519-524.	2.8	24
124	Detection of urinary markers for thiazide diuretics after oral administration of hydrochlorothiazide and altizide-relevance to doping control analysis. <i>Journal of Chromatography A</i> , 2009, 1216, 2466-2473.	3.7	19
125	Qualitative detection of diuretics and acidic metabolites of other doping agents in human urine by high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 5819-5827.	3.7	56
126	Interpretation of urinary concentrations of pseudoephedrine and its metabolite cathine in relation to doping control. <i>Drug Testing and Analysis</i> , 2009, 1, 209-213.	2.6	14

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127	Combination of liquid chromatography tandem mass spectrometry in different scan modes with human and chimeric mouse urine for the study of steroid metabolism. <i>Drug Testing and Analysis</i> , 2009, 1, 554-567.	2.6	32
128	Steroid metabolism in chimeric mice with humanized liver. <i>Drug Testing and Analysis</i> , 2009, 1, 531-537.	2.6	25
129	Detection and structural investigation of metabolites of stanozolol in human urine by liquid chromatography tandem mass spectrometry. <i>Steroids</i> , 2009, 74, 837-852.	1.8	56
130	Collision-induced dissociation of 3 α -keto anabolic steroids and related compounds after electrospray ionization. Considerations for structural elucidation. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 4009-4024.	1.5	89
131	Investigating the presence of pesticide transformation products in water by using liquid chromatography mass spectrometry with different mass analyzers. <i>Journal of Mass Spectrometry</i> , 2008, 43, 173-184.	1.6	46
132	Elucidation of urinary metabolites of fluoxymesterone by liquid chromatography tandem mass spectrometry and gas chromatography mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2008, 43, 394-408.	1.6	36
133	Direct quantification of steroid glucuronides in human urine by liquid chromatography electro-spray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1183, 108-118.	3.7	87
134	Capabilities of microbore columns coupled to inductively coupled plasma mass spectrometry in speciation of arsenic and selenium. <i>Journal of Chromatography A</i> , 2008, 1202, 132-137.	3.7	38
135	Detection and characterization of anabolic steroids in doping analysis by LC-MS. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 657-671.	11.4	79
136	Efficient Approach for the Comprehensive Detection of Unknown Anabolic Steroids and Metabolites in Human Urine by Liquid Chromatography Electro-spray-Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2008, 80, 1709-1720.	6.5	101
137	Pesticide residues and transformation products in groundwater from a Spanish agricultural region on the Mediterranean Coast. <i>International Journal of Environmental Analytical Chemistry</i> , 2008, 88, 409-424.	3.3	39
138	Use of Liquid Chromatography Coupled to Quadrupole Time-of-Flight Mass Spectrometry To Investigate Pesticide Residues in Fruits. <i>Analytical Chemistry</i> , 2007, 79, 2833-2843.	6.5	93
139	Ionization of anabolic steroids by adduct formation in liquid chromatography electrospray mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2007, 42, 497-516.	1.6	92
140	Secondary interactions, an unexpected problem emerged between hydroxyl containing analytes and fused silica capillaries in anion-exchange micro-liquid chromatography. <i>Journal of Chromatography A</i> , 2007, 1172, 179-185.	3.7	14
141	Liquid chromatography/tandem mass spectrometry determination of (4S,2RS)-2,5,5-trimethylthiazolidine-4-carboxylic acid, a stable adduct formed between D-(α -)-penicillamine and acetaldehyde (main biological metabolite of ethanol), in plasma, liver and brain rat tissues. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 1221-1229.	1.5	22
142	Presence of endogenous interferences in the urinary detection of selected anabolic steroids by liquid chromatography/electrospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 2785-2796.	1.5	27
143	Development of a qualitative liquid chromatography/tandem mass spectrometric method for the detection of narcotics in urine relevant to doping analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 3015-3023.	1.5	23
144	The even-electron rule in electrospray mass spectra of pesticides. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 3855-3868.	1.5	67

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145	Multiresidue pesticide analysis of fruits by ultra-performance liquid chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 1765-1771.	3.7	33
146	Development and validation of a qualitative screening method for the detection of exogenous anabolic steroids in urine by liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 1209-1224.	3.7	61
147	Analytical Study of Trichlorfon Residues in Kaki Fruit and Cauliflower Samples by Liquid Chromatography-Electrospray Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 1188-1195.	5.2	15
148	An ion-pairing liquid chromatography/tandem mass spectrometric method for the determination of ethephon residues in vegetables. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 419-426.	1.5	32
149	Method optimization for the determination of four mercury species by micro-liquid chromatography-inductively coupled plasma mass spectrometry coupling in environmental water samples. <i>Analytica Chimica Acta</i> , 2006, 577, 18-25.	5.4	49
150	Efficient approach for the reliable quantification and confirmation of antibiotics in water using on-line solid-phase extraction liquid chromatography/tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1103, 83-93.	3.7	154
151	Re-evaluation of glyphosate determination in water by liquid chromatography coupled to electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1134, 51-55.	3.7	115
152	Quantification and confirmation of anionic, cationic and neutral pesticides and transformation products in water by on-line solid phase extraction-liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1133, 204-214.	3.7	51
153	Multiresidue liquid chromatography tandem mass spectrometry determination of 52 non gas chromatography-amenable pesticides and metabolites in different food commodities. <i>Journal of Chromatography A</i> , 2006, 1109, 242-252.	3.7	200
154	Ion chemistry of a series of cluster compounds with Mo ₃ Q ₄ and Mo ₃ M ² Q ₄ (Q=S, Se; M ² =Cu, Co, Ni) cores containing 1,2 diphosphanes as ancillary ligands: New insights on the gas-phase stability from electrospray tandem mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2006, 254, 28-36.	1.5	18
155	Confirmation of organic micropollutants detected in environmental samples by liquid chromatography tandem mass spectrometry: Achievements and pitfalls. <i>TrAC - Trends in Analytical Chemistry</i> , 2006, 25, 1030-1042.	11.4	101
156	Potential of liquid chromatography/time-of-flight mass spectrometry for the determination of pesticides and transformation products in water. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 987-997.	3.7	81
157	Study of different atmospheric-pressure interfaces for LC-MS/MS determination of acrylamide in water at sub-ppb levels. <i>Journal of Mass Spectrometry</i> , 2006, 41, 1041-1048.	1.6	27
158	Evaluation of different quantitative approaches for the determination of noneasily ionizable molecules by different atmospheric pressure interfaces used in liquid chromatography tandem mass spectrometry: Abamectin as case of study. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 1619-1630.	2.8	46
159	Strategies for quantification and confirmation of multi-class polar pesticides and transformation products in water by LC-MS ₂ using triple quadrupole and hybrid quadrupole time-of-flight analyzers. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 596-612.	11.4	153
160	Residue determination of cyromazine and its metabolite melamine in chard samples by ion-pair liquid chromatography coupled to electrospray tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2005, 530, 237-243.	5.4	168
161	Residue determination of glyphosate, glufosinate and aminomethylphosphonic acid in water and soil samples by liquid chromatography coupled to electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2005, 1081, 145-155.	3.7	213
162	Use of liquid chromatography quadrupole time-of-flight mass spectrometry in the elucidation of transformation products and metabolites of pesticides. Diazinon as a case study. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 384, 448-457.	3.7	45

#	ARTICLE	IF	CITATIONS
163	Critical review of the application of liquid chromatography/mass spectrometry to the determination of pesticide residues in biological samples. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 934-946.	3.7	220
164	Use of quadrupole time-of-flight mass spectrometry in the elucidation of unknown compounds present in environmental water. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 169-178.	1.5	132
165	Simultaneous Determination of Multiple Phytohormones in Plant Extracts by Liquid Chromatography-Electrospray Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 8437-8442.	5.2	270
166	Determination of tridemorph and other fungicide residues in fruit samples by liquid chromatography-electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1045, 137-143.	3.7	50
167	An estimation of the exposure to organophosphorus pesticides through the simultaneous determination of their main metabolites in urine by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 808, 229-239.	2.3	58
168	Comparison of Different Mass Spectrometric Techniques Combined with Liquid Chromatography for Confirmation of Pesticides in Environmental Water Based on the Use of Identification Points. <i>Analytical Chemistry</i> , 2004, 76, 4349-4357.	6.5	132
169	Use of Quadrupole Time-of-Flight Mass Spectrometry in Environmental Analysis: Elucidation of Transformation Products of Triazine Herbicides in Water after UV Exposure. <i>Analytical Chemistry</i> , 2004, 76, 1328-1335.	6.5	79
170	Liquid chromatography and tandem mass spectrometry: a powerful approach for the sensitive and rapid multiclass determination of pesticides and transformation products in water. <i>Analyst</i> , The, 2004, 129, 38-44.	3.5	65
171	Determination of abamectin and azadirachtin residues in orange samples by liquid chromatography-electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2003, 992, 133-140.	3.7	61
172	Direct Determination of Paclobutrazol Residues in Pear Samples by Liquid Chromatography-Electrospray Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 4202-4206.	5.2	32
173	Rapid Determination of Fosetyl-Aluminum Residues in Lettuce by Liquid Chromatography/Electrospray Tandem Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2003, 86, 832-838.	1.5	38
174	Rapid determination of fosetyl-aluminum residues in lettuce by liquid chromatography/electrospray tandem mass spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2003, 86, 832-8.	1.5	5
175	Different quantitation approaches for xenobiotics in human urine samples by liquid chromatography/electrospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 639-645.	1.5	67
176	Direct determination of alkyl phosphates in human urine by liquid chromatography/electrospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 1766-1773.	1.5	66
177	Direct analysis of abscisic acid in crude plant extracts by liquid chromatography-electrospray/tandem mass spectrometry. <i>Phytochemical Analysis</i> , 2002, 13, 228-234.	2.4	72
178	Determination of the herbicide 4-chloro-2-methylphenoxyacetic acid and its main metabolite, 4-chloro-2-methylphenol in water and soil by liquid chromatography-electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2001, 923, 75-85.	3.7	78
179	Study of matrix effects on the direct trace analysis of acidic pesticides in water using various liquid chromatographic modes coupled to tandem mass spectrometric detection. <i>Journal of Chromatography A</i> , 2001, 926, 113-125.	3.7	86
180	Rapid direct determination of pesticides and metabolites in environmental water samples at sub-1/4g/l level by on-line solid-phase extraction-liquid chromatography-electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2001, 939, 1-11.	3.7	124

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181	Direct determination of chlorpyrifos and its main metabolite 3,5,6-trichloro-2-pyridinol in human serum and urine by coupled-column liquid chromatography/electrospray-tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2000, 14, 1485-1490.	1.5	74
182	Synthesis of 3 β ,6 β -Dihydroxyandrostan-17-one 3 β -Glucuronides for the Detection of Testosterone Misuse. European Journal of Organic Chemistry, 0, , .	2.4	0