

Jordi Segura

List of Publications by Year in descending order

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56
papers

1,555
citations

257450

24
h-index

330143

37
g-index

57
all docs

57
docs citations

57
times ranked

1451
citing authors

#	ARTICLE	IF	CITATIONS
1	Usefulness of Saliva for Measurement of 3,4-Methylenedioxymethamphetamine and Its Metabolites: Correlation with Plasma Drug Concentrations and Effect of Salivary pH. <i>Clinical Chemistry</i> , 2001, 47, 1788-1795.	3.2	120
2	Structural analysis of the glycosylation of gene-activated erythropoietin (epoetin delta, Dynepo). <i>Analytical Biochemistry</i> , 2008, 383, 243-254.	2.4	78
3	Progress in the Removal of Di-[2-Ethylhexyl]-Phthalate as Plasticizer in Blood Bags. <i>Transfusion Medicine Reviews</i> , 2012, 26, 27-37.	2.0	78
4	Targeting tryptophan and tyrosine metabolism by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1434, 91-101.	3.7	72
5	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.	1.0	63
6	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
7	Evaluation of protein N-glycosylation in 2 β DE: Erythropoietin as a study case. <i>Proteomics</i> , 2007, 7, 4278-4291.	2.2	49
8	Plasma and urinary markers of oral testosterone undecanoate misuse. <i>Steroids</i> , 2002, 67, 39-50.	1.8	47
9	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
10	Procedures for monitoring recombinant erythropoietin and analogues in doping control. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 388, 1521-1529.	3.7	44
11	Immunological screening of drugs of abuse and gas chromatographic mass spectrometric confirmation of opiates and cocaine in hair. <i>Biomedical Applications</i> , 1999, 724, 9-21.	1.7	43
12	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
13	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, 145-149.	1.6	39
14	Oral Testosterone Administration Detected by Testosterone Glucuronidation Measured in Blood Spots Dried on Filter Paper. <i>Clinical Chemistry</i> , 2000, 46, 515-522.	3.2	37
15	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
16	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, 113-121.	2.3	36
17	Detection of testosterone esters in human plasma. <i>Journal of Mass Spectrometry</i> , 1995, 30, 1393-1404.	1.6	35
18	Plasticizers excreted in urine: indication of autologous blood transfusion in sports. <i>Transfusion</i> , 2012, 52, 647-657.	1.6	35

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19	Quantitation of 17 β -nandrolone metabolites in boar and horse urine by gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2007, 586, 184-195.	5.4	32
20	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.	2.3	30
21	Assessing the instability of the isoelectric focusing patterns of erythropoietin in urine. <i>Electrophoresis</i> , 2006, 27, 4387-4395.	2.4	30
22	Urinary metabolic profile of 19 α -norsteroids in humans: glucuronide and sulphate conjugates after oral administration of 19 α -nor Δ^4 -androstenediol. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 3035-3042.	1.5	29
23	Recombinant erythropoietin found in seized blood bags from sportsmen. <i>Haematologica</i> , 2008, 93, 313-314.	3.5	28
24	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, 1169-1177.	2.8	26
25	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
26	Detection of erythropoiesis-stimulating agents in a single dried blood spot. <i>Drug Testing and Analysis</i> , 2018, 10, 1496-1507.	2.6	25
27	Growth Hormone in Sport: Beyond Beijing 2008. <i>Therapeutic Drug Monitoring</i> , 2009, 31, 3-13.	2.0	23
28	Determination of Recent Growth Hormone Abuse Using a Single Dried Blood Spot. <i>Clinical Chemistry</i> , 2016, 62, 1353-1360.	3.2	22
29	Detection of Stimulated Erythropoiesis by the RNA-Based 5'-Aminolevulinat Synthase 2 Biomarker in Dried Blood Spot Samples. <i>Clinical Chemistry</i> , 2019, 65, 1563-1571.	3.2	21
30	Growth hormone secretagogues: out of competition. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 1101-1108.	3.7	18
31	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
32	Whole Blood Storage in CPDA1 Blood Bags Alters Erythrocyte Membrane Proteome. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	4.0	18
33	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, 882-890.	2.6	17
34	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
35	Detection of the administration of 17 α -nortestosterone in boars by gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 1863-1870.	1.5	16
36	Is anti-doping analysis so far from clinical, legal or forensic targets?: The added value of close relationships between related disciplines. <i>Drug Testing and Analysis</i> , 2009, 1, 479-484.	2.6	16

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37	Immunoassays for the measurement of IGF-II, IGFBP-2 and -3, and ICTP as indirect biomarkers of recombinant human growth hormone misuse in sport. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 844-852.	2.8	15
38	Automation of RNA-based biomarker extraction from dried blood spots for the detection of blood doping. <i>Bioanalysis</i> , 2020, 12, 729-736.	1.5	15
39	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, 793-799.	2.8	14
40	Analysis of urinary human growth hormone (hGH) using hydrogel nanoparticles and isoform differential immunoassays after short recombinant hGH treatment: Preliminary results. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 85, 194-197.	2.8	14
41	Characterisation of the 5 kDa growth hormone isoform. <i>Growth Factors</i> , 2008, 26, 152-162.	1.7	13
42	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, 1003-1010.	2.8	12
43	Intermittent hypoxia exposure in a hypobaric chamber and erythropoietin abuse interpretation. <i>Journal of Sports Sciences</i> , 2007, 25, 1241-1250.	2.0	11
44	Bioanalytical techniques in discrimination between therapeutic and abusive use of drugs in sport. <i>Bioanalysis</i> , 2016, 8, 965-980.	1.5	11
45	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, 751-759.	1.8	10
46	Urinary cysteinyl progestogens: Occurrence and origin. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 152, 53-61.	2.5	10
47	Generation of 5 and 17 kDa human growth hormone fragments through limited proteolysis. <i>Growth Factors</i> , 2009, 27, 255-264.	1.7	9
48	Current strategic approaches for the detection of blood doping practices. <i>Forensic Science International</i> , 2011, 213, 42-48.	2.2	9
49	Detection and differentiation of 22kDa and 20kDa Growth Hormone proteoforms in human plasma by LC-MS/MS. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 284-290.	2.3	9
50	Clarification on the detection of epoetin delta and epoetin omega using isoelectric focusing. <i>American Journal of Hematology</i> , 2008, 83, 754-754.	4.1	8
51	Formation of β^1 and β^6 testosterone metabolites by human hepatocytes. <i>Steroids</i> , 2015, 95, 66-72.	1.8	7
52	Recent progress in the detection of the administration of natural hormones: Special focus on Testosterone. <i>Toxin Reviews</i> , 1999, 18, 125-144.	1.5	6
53	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
54	If you play with fire, you may get burned. <i>Drug Testing and Analysis</i> , 2020, 12, 582-587.	2.6	3

#	ARTICLE	IF	CITATIONS
55	Distinction Between Endogenous and Exogenous Erythropoietin: Marker Methods. Growth Hormone, 2011, , 151-161.	0.2	3
56	Research Spotlight: Bioanalysis and Analytical Services Research Group at The Municipal Institute for Medical Research IMIM-Hospital del Mar, Spain. Bioanalysis, 2009, 1, 1403-1409.	1.5	0