

Jordi Segura

List of Publications by Year in Descending Order

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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.

56
papers

1,309
citations

23
h-index

34
g-index

57
ext. papers

1,440
ext. citations

3.9
avg, IF

4.11
L-index

#	Paper	IF	Citations
56	On the road of dried blood spot sampling for antidoping tests: Detection of GHRP-2 abuse. <i>Drug Testing and Analysis</i> , 2021 , 13, 510-522	3.5	2
55	Automation of RNA-based biomarker extraction from dried blood spots for the detection of blood doping. <i>Bioanalysis</i> , 2020 , 12, 729-736	2.1	6
54	If you play with fire, you may get burned. <i>Drug Testing and Analysis</i> , 2020 , 12, 582-587	3.5	1
53	Detection of Stimulated Erythropoiesis by the RNA-Based 5FAminolevulinate Synthase 2 Biomarker in Dried Blood Spot Samples. <i>Clinical Chemistry</i> , 2019 , 65, 1563-1571	5.5	12
52	Detection of erythropoiesis-stimulating agents in a single dried blood spot. <i>Drug Testing and Analysis</i> , 2018 , 10, 1496-1507	3.5	17
51	Whole Blood Storage in CPDA1 Blood Bags Alters Erythrocyte Membrane Proteome. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 6375379	6.7	9
50	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
49	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
48	Targeting tryptophan and tyrosine metabolism by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016 , 1434, 91-101	4.5	52
47	Bioanalytical techniques in discrimination between therapeutic and abusive use of drugs in sport. <i>Bioanalysis</i> , 2016 , 8, 965-80	2.1	9
46	Determination of Recent Growth Hormone Abuse Using a Single Dried Blood Spot. <i>Clinical Chemistry</i> , 2016 , 62, 1353-60	5.5	18
45	Detection and differentiation of 22 kDa and 20 kDa Growth Hormone proteoforms in human plasma by LC-MS/MS. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015 , 1854, 284-90	4	7
44	Urinary cysteinyl progestogens: Occurrence and origin. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015 , 152, 53-61	5.1	7
43	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
42	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
41	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
40	Formation of $\alpha(1)$ and $\alpha(6)$ testosterone metabolites by human hepatocytes. <i>Steroids</i> , 2015 , 95, 66-72	2.8	7

39	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
38	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, 194-7	3.5	13
37	Plasticizers excreted in urine: indication of autologous blood transfusion in sports. <i>Transfusion</i> , 2012 , 52, 647-57	2.9	26
36	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
35	Growth hormone secretagogues: out of competition. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 402, 1101-8	4.4	17
34	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
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, 882-90	3.5	11
32	Current strategic approaches for the detection of blood doping practices. <i>Forensic Science International</i> , 2011 , 213, 42-8	2.6	9
31	Distinction Between Endogenous and Exogenous Erythropoietin: Marker Methods. <i>Growth Hormone</i> , 2011 , 151-161		1
30	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
29	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
28	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	
27	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
26	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
25	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, 479-84	3.5	13
24	Generation of 5 and 17 kDa human growth hormone fragments through limited proteolysis. <i>Growth Factors</i> , 2009 , 27, 255-64	1.6	9
23	Growth hormone in sport: beyond Beijing 2008. <i>Therapeutic Drug Monitoring</i> , 2009 , 31, 3-13	3.2	19
22	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

21	Characterisation of the 5 kDa growth hormone isoform. <i>Growth Factors</i> , 2008 , 26, 152-62	1.6	13
20	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
19	Recombinant erythropoietin found in seized blood bags from sportsmen. <i>Haematologica</i> , 2008 , 93, 313-4.6	4.6	27
18	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
17	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
16	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
15	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
14	Structural analysis of the glycosylation of gene-activated erythropoietin (epoetin delta, Dynepo). <i>Analytical Biochemistry</i> , 2008 , 383, 243-54	3.1	72
13	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
12	Evaluation of protein N-glycosylation in 2-DE: Erythropoietin as a study case. <i>Proteomics</i> , 2007 , 7, 4278-94.8	4.8	48
11	Procedures for monitoring recombinant erythropoietin and analogues in doping control. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 388, 1521-9	4.4	37
10	Intermittent hypoxia exposure in a hypobaric chamber and erythropoietin abuse interpretation. <i>Journal of Sports Sciences</i> , 2007 , 25, 1241-50	3.6	9
9	Assessing the instability of the isoelectric focusing patterns of erythropoietin in urine. <i>Electrophoresis</i> , 2006 , 27, 4387-95	3.6	29
8	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
7	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
6	Plasma and urinary markers of oral testosterone undecanoate misuse. <i>Steroids</i> , 2002 , 67, 39-50	2.8	45
5	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	5.5	108
4	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

- 3 Immunological screening of drugs of abuse and gas chromatographic-mass spectrometric confirmation of opiates and cocaine in hair. *Biomedical Applications*, **1999**, 724, 9-21 40
- 2 Recent progress in the detection of the administration of natural hormones: Special focus on Testosterone. *Toxin Reviews*, **1999**, 18, 125-144 5
- 1 Detection of testosterone esters in human plasma. *Journal of Mass Spectrometry*, **1995**, 30, 1393-1404 2.2 30