Jordi Segura

List of Publications by Citations

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	Usefulness of Saliva for Measurement of 3,4-Methylenedioxymethamphetamine and Its Metabolites: Correlation with Plasma Drug Concentrations and Effect of Salivary pH. *Clinical Chemistry*, **2001**, 47, 1788-1795	5.5	108
55	Structural analysis of the glycosylation of gene-activated erythropoietin (epoetin delta, Dynepo). *Analytical Biochemistry*, **2008**, 383, 243-54	3.1	72
54	Progress in the removal of di-[2-ethylhexyl]-phthalate as plasticizer in blood bags. *Transfusion Medicine Reviews*, **2012**, 26, 27-37	7.4	61
53	High-throughput and sensitive screening by ultra-performance liquid chromatography tandem mass spectrometry of diuretics and other doping agents. *European Journal of Mass Spectrometry*, **2008**, 14, 191-200	1.1	57
52	Targeting tryptophan and tyrosine metabolism by liquid chromatography tandem mass spectrometry. *Journal of Chromatography A*, **2016**, 1434, 91-101	4.5	52
51	Evaluation of protein N-glycosylation in 2-DE: Erythropoietin as a study case. *Proteomics*, **2007**, 7, 4278-91	4.8	48
50	Investigation of endogenous corticosteroids profiles in human urine based on liquid chromatography tandem mass spectrometry. *Analytica Chimica Acta*, **2014**, 812, 92-104	6.6	47
49	Plasma and urinary markers of oral testosterone undecanoate misuse. *Steroids*, **2002**, 67, 39-50	2.8	45
48	Evaluation of different scan methods for the urinary detection of corticosteroid metabolites by liquid chromatography tandem mass spectrometry. *Journal of Mass Spectrometry*, **2009**, 44, 929-44	2.2	43
47	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
46	Procedures for monitoring recombinant erythropoietin and analogues in doping control. *Analytical and Bioanalytical Chemistry*, **2007**, 388, 1521-9	4.4	37
45	Urinary di-(2-ethylhexyl)phthalate metabolites in athletes as screening measure for illicit blood doping: a comparison study with patients receiving blood transfusion. *Transfusion*, **2010**, 50, 145-9	2.9	34
44	Oral Testosterone Administration Detected by Testosterone Glucuronidation Measured in Blood Spots Dried on Filter Paper. *Clinical Chemistry*, **2000**, 46, 515-522	5.5	33
43	Quantifying endogenous androgens, estrogens, pregnenolone and progesterone metabolites in human urine by gas chromatography tandem mass spectrometry. *Talanta*, **2017**, 169, 20-29	6.2	32
42	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. *Journal of Chromatography A*, **2015**, 1389, 65-75	4.5	32
41	Detection of testosterone esters in human plasma. *Journal of Mass Spectrometry*, **1995**, 30, 1393-1404	2.2	30
40	Assessing the instability of the isoelectric focusing patterns of erythropoietin in urine. *Electrophoresis*, **2006**, 27, 4387-95	3.6	29

39	Quantitation of 17beta-nandrolone metabolites in boar and horse urine by gas chromatography-mass spectrometry. *Analytica Chimica Acta*, **2007**, 586, 184-95	6.6	28
38	Recombinant erythropoietin found in seized blood bags from sportsmen. *Haematologica*, **2008**, 93, 313-4	6.6	27
37	Plasticizers excreted in urine: indication of autologous blood transfusion in sports. *Transfusion*, **2012**, 52, 647-57	2.9	26
36	Determination of five di-(2-ethylhexyl)phthalate metabolites in urine by UPLC-MS/MS, markers of blood transfusion misuse in sports. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2012**, 908, 113-21	3.2	25
35	Urinary metabolic profile of 19-norsteroids in humans: glucuronide and sulphate conjugates after oral administration of 19-nor-4-androstenediol. *Rapid Communications in Mass Spectrometry*, **2008**, 22, 3035-42	2.2	24
34	Evaluation of immunoassays for the measurement of erythropoietin (EPO) as an indirect biomarker of recombinant human EPO misuse in sport. *Journal of Pharmaceutical and Biomedical Analysis*, **2004**, 35, 1169-77	3.5	23
33	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. *Clinical Chemistry and Laboratory Medicine*, **2005**, 43, 75-85	5.9	23
32	Evaluation of two glucuronides resistant to enzymatic hydrolysis as markers of testosterone oral administration. *Journal of Steroid Biochemistry and Molecular Biology*, **2017**, 165, 212-218	5.1	20
31	Growth hormone in sport: beyond Beijing 2008. *Therapeutic Drug Monitoring*, **2009**, 31, 3-13	3.2	19
30	Determination of Recent Growth Hormone Abuse Using a Single Dried Blood Spot. *Clinical Chemistry*, **2016**, 62, 1353-60	5.5	18
29	Detection of erythropoiesis-stimulating agents in a single dried blood spot. *Drug Testing and Analysis*, **2018**, 10, 1496-1507	3.5	17
28	Growth hormone secretagogues: out of competition. *Analytical and Bioanalytical Chemistry*, **2012**, 402, 1101-8	4.4	17
27	Ultra high performance liquid chromatography tandem mass spectrometric detection of glucuronides resistant to enzymatic hydrolysis: Implications to doping control analysis. *Analytica Chimica Acta*, **2015**, 895, 35-44	6.6	16
26	Evaluation of the reporting level to detect triamcinolone acetonide misuse in sports. *Journal of Steroid Biochemistry and Molecular Biology*, **2015**, 145, 94-102	5.1	16
25	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. *Journal of Pharmaceutical and Biomedical Analysis*, **2008**, 48, 844-52	3.5	14
24	Detection of the administration of 17beta-nortestosterone in boars by gas chromatography/mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2008**, 22, 1863-70	2.2	14
23	Analysis of urinary human growth hormone (hGH) using hydrogel nanoparticles and isoform differential immunoassays after short recombinant hGH treatment: preliminary results. *Journal of Pharmaceutical and Biomedical Analysis*, **2013**, 85, 194-7	3.5	13
22	Is anti-doping analysis so far from clinical, legal or forensic targets?: The added value of close relationships between related disciplines. *Drug Testing and Analysis*, **2009**, 1, 479-84	3.5	13

21	Characterisation of the 5 kDa growth hormone isoform. *Growth Factors*, **2008**, 26, 152-62	1.6	13
20	Detection of Stimulated Erythropoiesis by the RNA-Based 5ŦAminolevulinate Synthase 2 Biomarker in Dried Blood Spot Samples. *Clinical Chemistry*, **2019**, 65, 1563-1571	5.5	12
19	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. *Journal of Pharmaceutical and Biomedical Analysis*, **2009**, 49, 793-9	3.5	12
18	Alterations of the erythrocyte membrane proteome and cytoskeleton network during storage--a possible tool to identify autologous blood transfusion. *Drug Testing and Analysis*, **2012**, 4, 882-90	3.5	11
17	Effect of physical fitness and endurance exercise on indirect biomarkers of growth hormone and insulin misuse: Immunoassay-based measurement in urine samples. *Journal of Pharmaceutical and Biomedical Analysis*, **2010**, 53, 1003-10	3.5	10
16	Bioanalytical techniques in discrimination between therapeutic and abusive use of drugs in sport. *Bioanalysis*, **2016**, 8, 965-80	2.1	9
15	Current strategic approaches for the detection of blood doping practices. *Forensic Science International*, **2011**, 213, 42-8	2.6	9
14	Generation of 5 and 17 kDa human growth hormone fragments through limited proteolysis. *Growth Factors*, **2009**, 27, 255-64	1.6	9
13	Intermittent hypoxia exposure in a hypobaric chamber and erythropoietin abuse interpretation. *Journal of Sports Sciences*, **2007**, 25, 1241-50	3.6	9
12	Whole Blood Storage in CPDA1 Blood Bags Alters Erythrocyte Membrane Proteome. *Oxidative Medicine and Cellular Longevity*, **2018**, 2018, 6375379	6.7	9
11	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. *Steroids*, **2008**, 73, 751-9	2.8	8
10	Clarification on the detection of epoetin delta and epoetin omega using isoelectric focusing. *American Journal of Hematology*, **2008**, 83, 754; author reply 754-5	7.1	8
9	Detection and differentiation of 22 kDa and 20 kDa Growth Hormone proteoforms in human plasma by LC-MS/MS. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2015**, 1854, 284-90	4	7
8	Urinary cysteinyl progestogens: Occurrence and origin. *Journal of Steroid Biochemistry and Molecular Biology*, **2015**, 152, 53-61	5.1	7
7	Formation of [1) and [6) testosterone metabolites by human hepatocytes. *Steroids*, **2015**, 95, 66-72	2.8	7
6	Automation of RNA-based biomarker extraction from dried blood spots for the detection of blood doping. *Bioanalysis*, **2020**, 12, 729-736	2.1	6
5	Recent progress in the detection of the administration of natural hormones: Special focus on Testosterone. *Toxin Reviews*, **1999**, 18, 125-144		5
4	On the road of dried blood spot sampling for antidoping tests: Detection of GHRP-2 abuse. *Drug Testing and Analysis*, **2021**, 13, 510-522	3.5	2

3	If you play with fire, you may get burned. *Drug Testing and Analysis*, **2020**, 12, 582-587	3.5	1
2	Distinction Between Endogenous and Exogenous Erythropoietin: Marker Methods. *Growth Hormone*, **2011**, 151-161		1
1	Bioanalysis and Analytical Services Research Group at The Municipal Institute for Medical Research IMIM-Hospital del Mar, Spain. *Bioanalysis*, **2009**, 1, 1403-9	2.1	