Hermes Licea-Perez

List of Publications by Year
in descending order

29 papers	643 citations	567281 15 h-index	580821 25 g-index
29 all docs	29 docs citations	29 times ranked	752 citing authors

#	Article	IF	Citations
1	Haemoglobin adducts of epoxybutanediol from exposure to 1,3-butadiene or butadiene epoxides. Chemico-Biological Interactions, 1997, 105, 181-198.	4.0	61
2	Simultaneous Analysis of Hemoglobin Adducts of Acrylamide and Glycidamide by Gas Chromatographyâ€“Mass Spectrometry. Analytical Biochemistry, 1999, 274, 59-68.	2.4	61
3	A novel approach to capillary plasma microsampling for quantitative bioanalysis. Bioanalysis, 2013, 5, 1131-1135.	1.5	55
4	Development of a sensitive and selective LC-MS/MS method for the determination of Î±-fluoro-Î²-alanine, 5-fluorouracil and capecitabine in human plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 1040-1046.	2.3	52
5	Development of a sensitive and selective LCâ€“MS/MS method for simultaneous determination of gemcitabine and 2,2-difluoro-2-deoxyuridine in human plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 2123-2129.	2.3	51
6	Multicenter Validation Study of Quantitative Imaging Mass Spectrometry. Analytical Chemistry, 2019, 91, 6266-6274.	6.5	51
7	A semi-automated 96-well plate method for the simultaneous determination of oral contraceptives concentrations in human plasma using ultra performance liquid chromatography coupled with tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 852, 69-76.	2.3	49
8	A sensitive gas chromatographicâ€“tandem mass spectrometric method for detection of alkylating agents in water: Application to acrylamide in drinking water, coffee and snuff. Analyst, The, 2003, 128, 1033-1036.	3.5	28
9	Evaluation of glucuronide metabolite stability in dried blood spots. Bioanalysis, 2012, 4, 2823-2832.	1.5	28
10	Dosimetry by means of DNA and hemoglobin adducts in propylene oxide-exposed rats. Toxicology and Applied Pharmacology, 2003, 191, 245-254.	2.8	23
11	Determination of styrene and styrene-7,8-oxide in human blood by gas chromatographyâ€“mass spectrometry. Biomedical Applications, 2001, 757, 59-68.	1.7	19
12	Adducts of Acrylonitrile with Hemoglobin in Nonsmokers and in Participants in a Smoking Cessation Program. Chemical Research in Toxicology, 1999, 12, 869-873.	3.3	18
13	Development and validation of a simple and sensitive method for quantification of levodopa and carbidopa in rat and monkey plasma using derivatization and UPLCâ€“MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 926, 47-53.	2.3	17
14	Development of a semi-automated LC/MS/MS method for the simultaneous quantitation of 14,15-epoxyeicosatrienoic acid, 14,15-dihydroxyeicosatrienoic acid, leukotoxin and leukotoxin diol in human plasma as biomarkers of soluble epoxide hydrolase activity in vivo. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 2487-2493.	2.3	16
15	Overcoming bioanalytical challenges associated with the separation and quantitation of GSK1278863, a HIF-prolyl hydroxylase inhibitor, and its 14 stereoisomeric metabolites. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1009-1010, 7-16.	2.3	16
16	Chemical derivatization in bioanalysis. Bioanalysis, 2015, 7, 2435-2437.	1.5	14
17	Mass spectrometric characterization of a prolyl hydroxylase inhibitor GSK1278863, its bishydroxylated metabolite, and its implementation into routine doping controls. Drug Testing and Analysis, 2016, 8, 858-863.	2.6	14
18	Camphanic acid chloride: a powerful derivatization reagent for stereoisomeric separation and its DMPK applications. Bioanalysis, 2015, 7, 3005-3017.	1.5	11

#	Article	IF	Citations
19	Development and validation of a quantitative method for determination of retigabine and its N-acetyl metabolite; overcoming challenges associated with circulating labile N-glucuronide metabolites. Analytical Methods, 2015, 7, 723-735.	2.7	9
20	LC-MS/MS quantification of dimethyl fumarate and methyl hydrogen fumarate in rat blood using tiopronin as trapping reagent. Analytical Methods, 2016, 8, 6420-6427.	2.7	8
21	Analytical approaches for quantification of a Nrf2 pathway activator: overcoming bioanalytical challenges to support a toxicity study. Analyst, The, 2014, 139, 1902-1912.	3.5	7
22	New insights into supercritical fluid chromatography for chiral separations. Analytical Methods, 2017, 9, 2603-2610.	2.7	7
23	Overcoming challenges associated with the bioanalysis of an ester prodrug and its active acid metabolite. Bioanalysis, 2017, 9, 1589-1601.	1.5	6
24	Biotransformation of the double bond in allyl glycidyl ether to an epoxide ring. Evidence from hemoglobin adducts in mice. Chemico-Biological Interactions, 2000, 125, 17-28.	4.0	5
25	Development of a multi-sugar LC-MS/MS assay using simple chemical derivatization with acetic anhydride. Analytical Methods, 2016, 8, 3023-3033.	2.7	5
26	Development of an ultra-sensitive assay for the determination of an aminoalkyl glucosaminide 4-phosphate, GSK1795091, in plasma to support a first time in human study. Analytical Methods, 2018, 10, 3074-3080.	2.7	5
27	The importance of evaluating the chemical structures and strategies to avoid pitfalls in quantitative bioanalysis. Bioanalysis, 2019, 11, 85-101.	1.5	3
28	Chemical derivatization in combination with supercritical fluid chromatography to improve resolution of stereoisomers. Bioanalysis, 2021, 13, 985-999.	1.5	3
29	Strategies for effective development of ultra-sensitive LCâ€“MS/MS assays: application to a novel STING agonist. Bioanalysis, 2020, 12, 467-484.	1.5	1