

Hermes Licea-Perez

List of Publications by Year in descending order

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29
papers

643
citations

567281

15
h-index

580821

25
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29
all docs

29
docs citations

29
times ranked

752
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical derivatization in combination with supercritical fluid chromatography to improve resolution of stereoisomers. <i>Bioanalysis</i> , 2021, 13, 985-999.	1.5	3
2	Strategies for effective development of ultra-sensitive LC-MS/MS assays: application to a novel STING agonist. <i>Bioanalysis</i> , 2020, 12, 467-484.	1.5	1
3	Multicenter Validation Study of Quantitative Imaging Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 6266-6274.	6.5	51
4	The importance of evaluating the chemical structures and strategies to avoid pitfalls in quantitative bioanalysis. <i>Bioanalysis</i> , 2019, 11, 85-101.	1.5	3
5	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. <i>Analytical Methods</i> , 2018, 10, 3074-3080.	2.7	5
6	New insights into supercritical fluid chromatography for chiral separations. <i>Analytical Methods</i> , 2017, 9, 2603-2610.	2.7	7
7	Overcoming challenges associated with the bioanalysis of an ester prodrug and its active acid metabolite. <i>Bioanalysis</i> , 2017, 9, 1589-1601.	1.5	6
8	Mass spectrometric characterization of a prolyl hydroxylase inhibitor GSK1278863, its bishydroxylated metabolite, and its implementation into routine doping controls. <i>Drug Testing and Analysis</i> , 2016, 8, 858-863.	2.6	14
9	Development of a multi-sugar LC-MS/MS assay using simple chemical derivatization with acetic anhydride. <i>Analytical Methods</i> , 2016, 8, 3023-3033.	2.7	5
10	LC-MS/MS quantification of dimethyl fumarate and methyl hydrogen fumarate in rat blood using tiopronin as trapping reagent. <i>Analytical Methods</i> , 2016, 8, 6420-6427.	2.7	8
11	Overcoming bioanalytical challenges associated with the separation and quantitation of GSK1278863, a HIF-prolyl hydroxylase inhibitor, and its 14 stereoisomeric metabolites. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1009-1010, 7-16.	2.3	16
12	Chemical derivatization in bioanalysis. <i>Bioanalysis</i> , 2015, 7, 2435-2437.	1.5	14
13	Camphanic acid chloride: a powerful derivatization reagent for stereoisomeric separation and its DMPK applications. <i>Bioanalysis</i> , 2015, 7, 3005-3017.	1.5	11
14	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. <i>Analytical Methods</i> , 2015, 7, 723-735.	2.7	9
15	Analytical approaches for quantification of a Nrf2 pathway activator: overcoming bioanalytical challenges to support a toxicity study. <i>Analyst</i> , The, 2014, 139, 1902-1912.	3.5	7
16	Development and validation of a simple and sensitive method for quantification of levodopa and carbidopa in rat and monkey plasma using derivatization and UPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 926, 47-53.	2.3	17
17	A novel approach to capillary plasma microsampling for quantitative bioanalysis. <i>Bioanalysis</i> , 2013, 5, 1131-1135.	1.5	55
18	Evaluation of glucuronide metabolite stability in dried blood spots. <i>Bioanalysis</i> , 2012, 4, 2823-2832.	1.5	28

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19	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2487-2493.	2.3	16
20	Development of a sensitive and selective LC-MS/MS method for the determination of β -fluoro- β -alanine, 5-fluorouracil and capecitabine in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 1040-1046.	2.3	52
21	Development of a sensitive and selective LC-MS/MS method for simultaneous determination of gemcitabine and 2,2-difluoro-2-deoxyuridine in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 2123-2129.	2.3	51
22	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 852, 69-76.	2.3	49
23	Dosimetry by means of DNA and hemoglobin adducts in propylene oxide-exposed rats. <i>Toxicology and Applied Pharmacology</i> , 2003, 191, 245-254.	2.8	23
24	A sensitive gas chromatographic-tandem mass spectrometric method for detection of alkylating agents in water: Application to acrylamide in drinking water, coffee and snuff. <i>Analyst</i> , 2003, 128, 1033-1036.	3.5	28
25	Determination of styrene and styrene-7,8-oxide in human blood by gas chromatography-mass spectrometry. <i>Biomedical Applications</i> , 2001, 757, 59-68.	1.7	19
26	Biotransformation of the double bond in allyl glycidyl ether to an epoxide ring. Evidence from hemoglobin adducts in mice. <i>Chemico-Biological Interactions</i> , 2000, 125, 17-28.	4.0	5
27	Simultaneous Analysis of Hemoglobin Adducts of Acrylamide and Glycidamide by Gas Chromatography-Mass Spectrometry. <i>Analytical Biochemistry</i> , 1999, 274, 59-68.	2.4	61
28	Adducts of Acrylonitrile with Hemoglobin in Nonsmokers and in Participants in a Smoking Cessation Program. <i>Chemical Research in Toxicology</i> , 1999, 12, 869-873.	3.3	18
29	Haemoglobin adducts of epoxybutanediol from exposure to 1,3-butadiene or butadiene epoxides. <i>Chemico-Biological Interactions</i> , 1997, 105, 181-198.	4.0	61