

Hermes Licea-Perez

List of Publications by Citations

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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.

29
papers

513
citations

13
h-index

22
g-index

29
ext. papers

579
ext. citations

3.3
avg, IF

3.53
L-index

#	Paper	IF	Citations
29	Simultaneous analysis of hemoglobin adducts of acrylamide and glycidamide by gas chromatography-mass spectrometry. <i>Analytical Biochemistry</i> , 1999 , 274, 59-68	3.1	55
28	Haemoglobin adducts of epoxybutanediol from exposure to 1,3-butadiene or butadiene epoxides. <i>Chemico-Biological Interactions</i> , 1997 , 105, 181-98	5	54
27	A novel approach to capillary plasma microsampling for quantitative bioanalysis. <i>Bioanalysis</i> , 2013 , 5, 1131-5	2.1	48
26	Development of a sensitive and selective LC-MS/MS method for the determination of alpha-fluoro-beta-alanine, 5-fluorouracil and capecitabine in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 1040-6	3.2	43
25	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 , 858, 48-54	3.2	40
24	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, 2123-9	3.2	38
23	Multicenter Validation Study of Quantitative Imaging Mass Spectrometry. <i>Analytical Chemistry</i> , 2019 , 91, 6266-6274	7.8	33
22	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, The</i> , 2003 , 128, 1033-6	5	27
21	Evaluation of glucuronide metabolite stability in dried blood spots. <i>Bioanalysis</i> , 2012 , 4, 2823-32	2.1	24
20	Dosimetry by means of DNA and hemoglobin adducts in propylene oxide-exposed rats. <i>Toxicology and Applied Pharmacology</i> , 2003 , 191, 245-54	4.6	20
19	Adducts of acrylonitrile with hemoglobin in nonsmokers and in participants in a smoking cessation program. <i>Chemical Research in Toxicology</i> , 1999 , 12, 869-73	4	15
18	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, 2487-93	3.2	14
17	Determination of styrene and styrene-7,8-oxide in human blood by gas chromatography-mass spectrometry. <i>Biomedical Applications</i> , 2001 , 757, 59-68		14
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	3.2	13
15	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	3.2	11
14	Chemical derivatization in bioanalysis. <i>Bioanalysis</i> , 2015 , 7, 2435-7	2.1	10
13	Camphanic acid chloride: a powerful derivatization reagent for stereoisomeric separation and its DMPK applications. <i>Bioanalysis</i> , 2015 , 7, 3005-17	2.1	10

12	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, 858-63	3.5	8
11	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	3.2	7
10	New insights into supercritical fluid chromatography for chiral separations. <i>Analytical Methods</i> , 2017 , 9, 2603-2610	3.2	6
9	Analytical approaches for quantification of a Nrf2 pathway activator: overcoming bioanalytical challenges to support a toxicity study. <i>Analyst, The</i> , 2014 , 139, 1902-12	5	5
8	Development of a multi-sugar LC-MS/MS assay using simple chemical derivatization with acetic anhydride. <i>Analytical Methods</i> , 2016 , 8, 3023-3033	3.2	4
7	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	3.2	3
6	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	3.2	3
5	Overcoming challenges associated with the bioanalysis of an ester prodrug and its active acid metabolite. <i>Bioanalysis</i> , 2017 , 9, 1589-1601	2.1	3
4	The importance of evaluating the chemical structures and strategies to avoid pitfalls in quantitative bioanalysis. <i>Bioanalysis</i> , 2019 , 11, 85-101	2.1	2
3	Strategies for effective development of ultra-sensitive LC-MS/MS assays: application to a novel STING agonist. <i>Bioanalysis</i> , 2020 , 12, 467-484	2.1	1
2	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	5	1
1	Chemical derivatization in combination with supercritical fluid chromatography to improve resolution of stereoisomers. <i>Bioanalysis</i> , 2021 , 13, 985-999	2.1	1