

Oskar Gonzalez

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

630
citations

840119

11
h-index

580395

25
g-index

25
all docs

25
docs citations

25
times ranked

1048
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioanalytical chromatographic method validation according to current regulations, with a special focus on the non-well defined parameters limit of quantification, robustness and matrix effect. <i>Journal of Chromatography A</i> , 2014, 1353, 10-27.	1.8	182
2	Pharmacokinetic Modeling of Paracetamol Uptake and Clearance in Zebrafish Larvae: Expanding the Allometric Scale in Vertebrates with Five Orders of Magnitude. <i>Zebrafish</i> , 2016, 13, 504-510.	0.5	66
3	LC-MS/MS method for the determination of several drugs used in combined cardiovascular therapy in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 2685-2692.	1.2	59
4	Development of an LC-MS/MS method for the quantitation of 55 compounds prescribed in combined cardiovascular therapy. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 243-252.	1.2	57
5	Fumagillin, a Mycotoxin of <i>Aspergillus fumigatus</i> : Biosynthesis, Biological Activities, Detection, and Applications. <i>Toxins</i> , 2020, 12, 7.	1.5	57
6	Optimization of XCMS parameters for LC-MS metabolomics: an assessment of automated versus manual tuning and its effect on the final results. <i>Metabolomics</i> , 2020, 16, 14.	1.4	33
7	Optimization and validation of a SPE-HPLC-PDA-fluorescence method for the simultaneous determination of drugs used in combined cardiovascular therapy in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 630-639.	1.4	32
8	Validation of a fast liquid chromatography-UV method for the analysis of drugs used in combined cardiovascular therapy in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 3045-3053.	1.2	28
9	Evaluation of human plasma sample preparation protocols for untargeted metabolic profiles analyzed by UHPLC-ESI-TOF-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 7641-7652.	1.9	27
10	Matrix Effect Compensation in Small-Molecule Profiling for an LC-TOF Platform Using Multicomponent Postcolumn Infusion. <i>Analytical Chemistry</i> , 2015, 87, 5921-5929.	3.2	22
11	Validation of bioanalytical chromatographic methods for the quantification of drugs in biological fluids. <i>Handbook of Analytical Separations</i> , 2020, , 115-134.	0.8	15
12	Cardiovascular drug determination in bioanalysis: an update. <i>Bioanalysis</i> , 2015, 7, 2399-2417.	0.6	7
13	Quantitative determination of fentanyl in newborn pig plasma and cerebrospinal fluid samples by HPLC-MS/MS. <i>Drug Testing and Analysis</i> , 2015, 7, 804-811.	1.6	6
14	Efficient Method Development and Validation for the Determination of Cardiovascular Drugs in Human Plasma by SPE-UHPLC-PDA-FLD. <i>Chromatographia</i> , 2017, 80, 605-615.	0.7	6
15	Chromatographic methods for echinocandin antifungal drugs determination in bioanalysis. <i>Bioanalysis</i> , 2019, 11, 1215-1226.	0.6	5
16	<i>Aspergillus fumigatus</i> Fumagillin Contributes to Host Cell Damage. <i>Journal of Fungi (Basel)</i> , 2021, 7, 1014-1022.	1.5	5
17	Postcolumn Infusion as a Quality Control Tool for LC-MS-Based Analysis. <i>Journal of the American Society for Mass Spectrometry</i> , 2022, 33, 1077-1080.	1.2	5
18	Quantitative determination of dobutamine in newborn pig plasma samples by HPLC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 178-185.	1.4	4

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19	Analysis of the Heterogeneous Distribution of Amiloride and Propranolol in Dried Blood Spot by UHPLC-FLD and MALDI-IMS. <i>Molecules</i> , 2019, 24, 4320.	1.7	3
20	Determination of antifungal caspofungin in RPMI-1640 cell culture medium by column-switching HPLC-FLD. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 188, 113366.	1.4	3
21	Comparison of liver and plasma metabolic profiles in piglets of different ages as animal models for paediatric population. <i>Analyst, The</i> , 2020, 145, 6859-6867.	1.7	2
22	Optimization and Validation of HS-GC/MS Method for the Controlled Release Study of Microencapsulated Specific Bioattractants for Target-Plaguicide Production. <i>Molecules</i> , 2021, 26, 996.	1.7	2
23	Study of antifungal agent caspofungin adsorption to laboratory materials. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1188, 123060.	1.2	2
24	Metabolomic analysis for the study of maturation in pediatrics: Effect of confounding factors in a pilot study. <i>Electrophoresis</i> , 2017, 38, 2323-2330.	1.3	1
25	A novel SPE-UHPLC-DAD method for the determination of fumagillin produced by <i>Aspergillus fumigatus</i> in cell culture media. <i>Microchemical Journal</i> , 2021, 169, 106605.	2.3	1