

Regina V Oliveira

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,313
citations

304743

22
h-index

361022

35
g-index

54
all docs

54
docs citations

54
times ranked

1556
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of restricted-access media supports and their application to the direct analysis of biological fluid samples via high-performance liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 1462-1469.	3.7	108
2	Residual monomer of reline acrylic resins. <i>Dental Materials</i> , 2007, 23, 363-368.	3.5	88
3	Microwave-assisted digestion procedures for biological samples with diluted nitric acid: Identification of reaction products. <i>Talanta</i> , 2009, 79, 396-401.	5.5	85
4	Determination of the absolute configuration and solution conformation of gossypol by vibrational circular dichroism. <i>Chirality</i> , 2003, 15, 196-200.	2.6	66
5	Quantification of cephalexin as residue levels in bovine milk by high-performance liquid chromatography with on-line sample cleanup. <i>Talanta</i> , 2007, 71, 1233-1238.	5.5	60
6	A validated liquid chromatography method for the simultaneous determination of vitamins A and E in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 44, 1001-1007.	2.8	60
7	Enantiomeric determination of the plasma levels of omeprazole by direct plasma injection using high-performance liquid chromatography with achiral ⁺ chiral column-switching. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 798, 275-281.	2.3	59
8	Microsample analyses via DBS: challenges and opportunities. <i>Bioanalysis</i> , 2013, 5, 2547-2565.	1.5	58
9	Validação em todos cromatográficos para análises de pequenas moléculas em matrizes biológicas. <i>Química Nova</i> , 2009, 32, 1021-1030.	0.3	50
10	Restricted-access media supports for direct high-throughput analysis of biological fluid samples: review of recent applications. <i>Bioanalysis</i> , 2009, 1, 577-594.	1.5	50
11	Development of a HPLC method to follow the degradation of phenol by electrochemical or photoelectrochemical treatment. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 369-373.	0.6	45
12	Fully-Automated Approach for Online Dried Blood Spot Extraction and Bioanalysis by Two-Dimensional-Liquid Chromatography Coupled with High-Resolution Quadrupole Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2014, 86, 1246-1253.	6.5	42
13	Discovery and Validation of Pyridoxic Acid and Homovanillic Acid as Novel Endogenous Plasma Biomarkers of Organic Anion Transporter (OAT) 1 and OAT3 in Cynomolgus Monkeys. <i>Drug Metabolism and Disposition</i> , 2018, 46, 178-188.	3.3	40
14	Initial Synthesis and Characterization of an ± 7 Nicotinic Receptor Cellular Membrane Affinity Chromatography Column: Effect of Receptor Subtype and Cell Type. <i>Analytical Chemistry</i> , 2008, 80, 48-54.	6.5	31
15	In Vitro Metabolism of Montelukast by Cytochrome P450s and UDP-Glucuronosyltransferases. <i>Drug Metabolism and Disposition</i> , 2015, 43, 1905-1916.	3.3	30
16	Enantiomeric resolution of kielcorin derivatives by HPLC on polysaccharide stationary phases using multimodal elution. <i>Chirality</i> , 2004, 16, 279-285.	2.6	28
17	Automated direct extraction and analysis of dried blood spots employing on-line SPE high-resolution accurate mass bioanalysis. <i>Bioanalysis</i> , 2014, 6, 2027-2041.	1.5	28
18	Development and application of methods for determination of residual monomer in dental acrylic resins using high performance liquid chromatography. <i>Biomedical Chromatography</i> , 2006, 20, 369-376.	1.7	26

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19	Determination of albendazole metabolites by direct injection of bovine plasma and multidimensional achiral chiral high performance liquid chromatography. <i>Talanta</i> , 2008, 76, 146-153.	5.5	24
20	Determination of Gossypol Enantiomer Ratio in Cotton Plants by Chiral Higher-Performance Liquid Chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 5822-5827.	5.2	23
21	Evaluation of Liquid Chromatographic Behavior of Cephalosporin Antibiotics Using Restricted Access Medium Columns for On-line Sample Cleanup of Bovine Milk. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 1180-1187.	5.2	23
22	Comparative in vitro study of the inhibition of human and hen esterases by methamidophos enantiomers. <i>Toxicology</i> , 2012, 292, 145-150.	4.2	22
23	Automated high capacity on-line extraction and bioanalysis of dried blood spot samples using liquid chromatography/high resolution accurate mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 2415-2426.	1.5	22
24	Comparative electrochemical degradation of the herbicide tebuthiuron using a flow cell with a boron-doped diamond anode and identifying degradation intermediates. <i>Electrochimica Acta</i> , 2017, 247, 860-870.	5.2	22
25	Enantioselective liquid chromatography mass spectrometry assay for the determination of ifosfamide and identification of the N-dechloroethylated metabolites of ifosfamide in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 45, 295-303.	2.8	20
26	Biochemical, histopathological and clinical evaluation of delayed effects caused by methamidophos isoforms and TOCP in hens: Ameliorative effects using control of calcium homeostasis. <i>Toxicology</i> , 2012, 302, 88-95.	4.2	20
27	Enantiomeric resolution of albendazole sulfoxide by semipreparative HPLC and in vitro study of growth inhibitory effects on human cancer cell lines. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 66, 100-108.	2.8	19
28	Direct bioanalytical sample injection with 2D LC-MS. <i>Bioanalysis</i> , 2012, 4, 2737-2756.	1.5	18
29	Identification of biotransformation products of disperse dyes with rat liver microsomes by LC-MS/MS and theoretical studies with DNA: Structure-mutagenicity relationship using Salmonella/microsome assay. <i>Science of the Total Environment</i> , 2018, 613-614, 1093-1103.	8.0	16
30	SEPARATION OF MULTI-MILLIGRAM QUANTITIES OF GOSSYPOL ENANTIOMERS ON POLYSACCHARIDE-BASED STATIONARY PHASES. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2002, 25, 819-829.	1.0	14
31	Development of achiral and chiral 2D HPLC methods for analysis of albendazole metabolites in microsomal fractions using multivariate analysis for the in vitro metabolism. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 932, 26-33.	2.3	12
32	Blood plasma metabolomics of children and adolescents with sickle cell anaemia treated with hydroxycarbamide: a new tool for uncovering biochemical alterations. <i>British Journal of Haematology</i> , 2021, 192, 922-931.	2.5	11
33	Chemical secondary metabolite profiling of <i>Bauhinia longifolia</i> ethanolic leaves extracts. <i>Industrial Crops and Products</i> , 2019, 132, 59-68.	5.2	10
34	Enantioselectivity Effects in Clinical Metabolomics and Lipidomics. <i>Molecules</i> , 2021, 26, 5231.	3.8	10
35	Enantioselective disposition of omeprazole, pantoprazole, and lansoprazole in a same Brazilian subjects group. <i>Chirality</i> , 2012, 24, 289-293.	2.6	9
36	Prostaglandins E2 and F2± levels in human menstrual fluid by online Solid Phase Extraction coupled to Liquid Chromatography tandem Mass Spectrometry (SPE-LC-MS/MS). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1109, 60-66.	2.3	8

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37	Semipreparative enantioseparation of methamidophos by HPLC-UV and preliminary in vitro study of butyrylcholinesterase inhibition. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 239-245.	4.3	7
38	HPLC-fluorescence Determination of EROD Activity in Wistar Rat Liver Microsomes Obtained by Two Different Extraction Procedures. <i>Current Pharmaceutical Analysis</i> , 2013, 9, 43-53.	0.6	7
39	HPLC-fluorescence Determination of EROD Activity in Wistar Rat Liver Microsomes Obtained by Two Different Extraction Procedures. <i>Current Pharmaceutical Analysis</i> , 2013, 9, 43-53.	0.6	7
40	Design of experiments applied to stress testing of pharmaceutical products: A case study of Albendazole. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 165, 105939.	4.0	6
41	Determination of the Absolute Configuration of Bioactive Indole-Containing Pyrazino[2,1-b]quinazoline-3,6-diones and Study of Their In Vitro Metabolic Profile. <i>Molecules</i> , 2021, 26, 5070.	3.8	3
42	IMOBILIZAÇÃO ENZIMÁTICA: CONCEITO E EFEITOS NA PROTEÓLISE. <i>Quimica Nova</i> , 0, , .	0.3	3
43	Liquid Chromatography-Mass Spectrometry for Clinical Metabolomics: An Overview. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1336, 179-213.	1.6	3
44	Preparative Separation and Structural Identification of Impurities of a New α -Adrenoceptor Agonist Using Stacking Injection, LC-MSn and LC-SPE-NMR. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	1
45	Study of the in vitro metabolic profile of a new α -adrenergic agonist in rat and human liver microsomes by using liquid chromatography-multiple-stage mass spectrometry and nuclear magnetic resonance. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 172, 67-77.	2.8	1
46	Chromatography Conditions Development by Design of Experiments for the Chemotype Differentiation of Four Bauhinia Species. <i>Frontiers in Chemistry</i> , 2022, 10, .	3.6	1
47	P11-81 Evaluation of two restricted access media supports in HPLC method development for the simultaneous determination of vitamins A and E in human plasma. <i>Clinical Pharmacology and Therapeutics</i> , 2006, 79, P57-P57.	4.7	0
48	P11-82 Development and characterization of an immobilized α 7 nicotinic receptor column for on line screening using chromatographic techniques. <i>Clinical Pharmacology and Therapeutics</i> , 2006, 79, P81-P81.	4.7	0
49	The Effect of Protein Restriction in the In Vitro Metabolism of Albendazole in Rats. <i>Drug Metabolism Letters</i> , 2015, 9, 8-16.	0.8	0
50	Initial synthesis and characterization of an α 7 nicotinic receptor cellular membrane affinity chromatography column: Effect of receptor subtype and cell type. <i>FASEB Journal</i> , 2008, 22, 1127.2.	0.5	0