

Marina Venzon Antunes

List of Publications by Year in descending order

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papers

1,039
citations

361413
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times ranked

1509
citing authors

#	ARTICLE	IF	CITATIONS
1	Dried blood spots analysis with mass spectrometry: Potentials and pitfalls in therapeutic drug monitoring. <i>Clinical Biochemistry</i> , 2016, 49, 1035-1046.	1.9	104
2	Ultra-high performance liquid chromatography tandem mass spectrometric method for the determination of tamoxifen, N -desmethyltamoxifen, 4-hydroxytamoxifen and endoxifen in dried blood spots Development, validation and clinical application during breast cancer adjuvant therapy. <i>Talanta</i> , 2015, 132, 775-784.	5.5	50
3	Sensitive HPLC-PDA determination of tamoxifen and its metabolites N-desmethyltamoxifen, 4-hydroxytamoxifen and endoxifen in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 76, 13-20.	2.8	37
4	Simple procedure for determination of valproic acid in dried blood spots by gas chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 96, 207-212.	2.8	37
5	Endoxifen Levels and Its Association With CYP2D6 Genotype and Phenotype. <i>Therapeutic Drug Monitoring</i> , 2012, 34, 422-431.	2.0	31
6	Pharmacokinetic and Pharmacogenetic Markers of Irinotecan Toxicity. <i>Current Medicinal Chemistry</i> , 2019, 26, 2085-2107.	2.4	31
7	Clinical evaluation of a dried blood spot method for determination of mycophenolic acid in renal transplant patients. <i>Clinical Biochemistry</i> , 2013, 46, 1905-1908.	1.9	30
8	DBS sampling in imatinib therapeutic drug monitoring: from method development to clinical application. <i>Bioanalysis</i> , 2015, 7, 2105-2117.	1.5	30
9	Plasma concentrations of efavirenz are associated with body weight in HIV-positive individuals. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 2601-2604.	3.0	29
10	Pharmacogenetic and Pharmacokinetic Dose Individualization of the Taxane Chemotherapeutic Drugs Paclitaxel and Docetaxel. <i>Current Medicinal Chemistry</i> , 2017, 24, 3559-3582.	2.4	29
11	Increase of global DNA methylation patterns in beauty salon workers exposed to low levels of formaldehyde. <i>Environmental Science and Pollution Research</i> , 2019, 26, 1304-1314.	5.3	28
12	Oxidative stress and DNA damage in older adults that do exercises regularly. <i>Clinical Biochemistry</i> , 2009, 42, 1648-1653.	1.9	27
13	Environmental and biological monitoring of occupational formaldehyde exposure resulting from the use of products for hair straightening. <i>Environmental Science and Pollution Research</i> , 2016, 23, 908-917.	5.3	27
14	Simultaneous determination of vancomycin and creatinine in plasma applied to volumetric absorptive microsampling devices using liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 165, 315-324.	2.8	26
15	CYP3A4 is related to increased plasma levels of 4-hydroxytamoxifen and partially compensates for reduced CYP2D6 activation of tamoxifen. <i>Pharmacogenomics</i> , 2015, 16, 601-617.	1.3	24
16	Determination of topiramate in dried blood spots using single-quadrupole gas chromatography-mass spectrometry after flash methylation with trimethylanilinium hydroxide. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1046, 131-137.	2.3	24
17	Development, validation and clinical evaluation of a dried urine spot method for determination of hippuric acid and creatinine. <i>Clinical Biochemistry</i> , 2013, 46, 1276-1280.	1.9	23
18	Endogenous plasma and salivary uracil to dihydrouracil ratios and DPYD genotyping as predictors of severe fluoropyrimidine toxicity in patients with gastrointestinal malignancies. <i>Clinical Biochemistry</i> , 2016, 49, 1221-1226.	1.9	22

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19	Estudo pr�-anal�tico e de valida��o para determina��o de malondialde�do em plasma humano por cromatografia l�quida de alta efici�ncia, ap�s derivatiza��o com 2,4-dinitrofenilhidrazina. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2008, 44, 279-287.	0.5	21
20	Influence of CYP2D6 and CYP3A4 Phenotypes, Drug Interactions, and Vitamin D Status on Tamoxifen Biotransformation. Therapeutic Drug Monitoring, 2015, 37, 733-744.	2.0	21
21	Determination of irinotecan and its metabolite SN-38 in dried blood spots using high-performance liquid-chromatography with fluorescence detection. Journal of Pharmaceutical and Biomedical Analysis, 2018, 150, 51-58.	2.8	21
22	Simultaneous determination of fluoxetine and norfluoxetine in dried blood spots using high-performance liquid chromatography-tandem mass spectrometry. Clinical Biochemistry, 2018, 52, 85-93.	1.9	19
23	Vancomycin and creatinine determination in dried blood spots: Analytical validation and clinical assessment. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1137, 121897.	2.3	19
24	DPD functional tests in plasma, fresh saliva and dried saliva samples as predictors of 5-fluorouracil exposure and occurrence of drug-related severe toxicity. Clinical Biochemistry, 2018, 56, 18-25.	1.9	17
25	Determination of docetaxel in dried blood spots by LC�MS/MS: Method development, validation and clinical application. Journal of Pharmaceutical and Biomedical Analysis, 2018, 157, 84-91.	2.8	17
26	Caffeine levels as a predictor of Human mastadenovirus presence in surface waters�a case study in the Sinos River basin�Brazil. Environmental Science and Pollution Research, 2018, 25, 15774-15784.	5.3	16
27	Analytical and clinical validation of a dried blood spot assay for the determination of paclitaxel using high-performance liquid chromatography-tandem mass spectrometry. Clinical Biochemistry, 2018, 54, 123-130.	1.9	16
28	Ready for TDM: Simultaneous quantification of amikacin, vancomycin and creatinine in human plasma employing ultra-performance liquid chromatography-tandem mass spectrometry. Clinical Biochemistry, 2019, 70, 39-45.	1.9	16
29	Determination of amitriptyline and its main metabolites in human plasma samples using HPLC-DAD: application to the determination of metabolic ratios after single oral dose of amitriptyline. Journal of the Brazilian Chemical Society, 2008, 19, 35-41.	0.6	15
30	Fast method for simultaneous quantification of tamoxifen and metabolites in dried blood spots using an entry level LC�MS/MS system. Clinical Biochemistry, 2016, 49, 1295-1298.	1.9	15
31	Monitoring imatinib plasma concentrations in chronic myeloid leukemia. Revista Brasileira De Hematologia E Hemoterapia, 2011, 33, 302-306.	0.7	15
32	Determina��o de citrato de sildenafil e de tadalafila por cromatografia l�quida de ultraefici�ncia com detec�o por arranjo de diodos (CLUE-DAD). Quimica Nova, 2010, 33, 389-393.	0.3	13
33	Improved determination of uracil and dihydrouracil in plasma after a loading oral dose of uracil using high-performance liquid chromatography with photodiode array detection and porous graphitic carbon stationary phase. Clinical Biochemistry, 2015, 48, 915-918.	1.9	11
34	Simultaneous determination of cocaine, ecgonine methyl ester, benzoylecgonine, cocaethylene and norcocaine in dried blood spots by ultra-performance liquid chromatography coupled to tandem mass spectrometry. Forensic Science International, 2019, 298, 408-416.	2.2	11
35	Dried plasma spots for therapeutic monitoring of amikacin: Validation of an UHPLC-MS/MS assay and pharmacokinetic application. Journal of Pharmaceutical and Biomedical Analysis, 2020, 184, 113201.	2.8	11
36	Determination of lithium in dried blood spots and dried plasma spots by graphite furnace atomic absorption spectrometry: Method development, validation and clinical application. Talanta, 2020, 216, 120907.	5.5	11

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37	Ultra-performance liquid chromatographic method for simultaneous quantification of HIV non-nucleoside reverse transcriptase inhibitors and protease inhibitors in human plasma. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 134-141.	0.6	10
38	First report of imatinib measurement in hair: Method development and preliminary evaluation of the relation between hair and plasma concentrations with therapeutic response in chronic myeloid leukemia. <i>Clinica Chimica Acta</i> , 2016, 453, 42-47.	1.1	10
39	Determination of Endogenous Concentrations of Uracil and Dihydrouracil in Dried Saliva Spots by LC-MS/MS: Method Development, Validation, and Clinical Application. <i>Therapeutic Drug Monitoring</i> , 2019, 41, 383-390.	2.0	10
40	Evaluation of genotoxicity in workers exposed to low levels of formaldehyde in a furniture manufacturing facility. <i>Toxicology and Industrial Health</i> , 2016, 32, 1763-1773.	1.4	9
41	Validation of an analytical method for the simultaneous determination of 16 drugs and metabolites in hair in the context of driving license granting. <i>Forensic Science International</i> , 2020, 315, 110428.	2.2	9
42	Simple determination of valproic acid serum concentrations using BioSPME followed by gas chromatography-mass spectrometric analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1167, 122574.	2.3	9
43	Simultaneous Determination of Cocaine and Metabolites in Human Plasma Using Solid Phase Micro-Extraction Fiber Tips C18 and UPLC-MS/MS. <i>Journal of Analytical Toxicology</i> , 2020, 44, 49-56.	2.8	8
44	Development, validation and clinical application of a HPLC-FL method for CYP2D6 phenotyping in South Brazilian breast cancer patients. <i>Clinical Biochemistry</i> , 2014, 47, 1084-1090.	1.9	7
45	Caffeine as an indicator of human fecal contamination in the Sinos River: a preliminary study. <i>Brazilian Journal of Biology</i> , 2015, 75, 81-84.	0.9	7
46	Determinação simultânea de creatinina e indicadores biológicos de exposição ao tolueno, estireno e xilenos em urina por cromatografia líquida de alta eficiência. <i>Quimica Nova</i> , 2008, 31, 1865-1868.	0.3	6
47	Determinação de ácido valproico em soro por cromatografia líquida de alta eficiência com detector de arranjo de diodos (CLAE-DAD), após derivatização com brometo de fenacila. <i>Quimica Nova</i> , 2009, 32, 1227-1230.	0.3	6
48	Evaluation of dried blood spots as an alternative matrix for therapeutic drug monitoring of abiraterone and delta(4)-abiraterone in prostate cancer patients. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 195, 113861.	2.8	6
49	An Optimized Solid-Phase Microextraction and Gas Chromatography-Mass Spectrometry Assay for the Determination of Ethyl Palmitate in Hair. <i>Journal of Analytical Toxicology</i> , 2020, 44, 402-409.	2.8	5
50	Dried Plasma Spots and Oral Fluid as Alternative Matrices for Therapeutic Drug Monitoring of Busulfan. <i>Therapeutic Drug Monitoring</i> , 2020, Publish Ahead of Print, 376-385.	2.0	4
51	Sensitive determination of 11-nor-9-carboxy- Δ^9 -tetrahydrocannabinol and complementary cannabinoids in hair using alkaline digestion and mixed-mode solid phase extraction followed by liquid-chromatography-tandem mass spectrometry. <i>Forensic Science International</i> , 2021, 328, 111047.	2.2	4
52	Determination of clozapine and norclozapine in dried plasma spot and dried blood spot by liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 210, 114591.	2.8	4
53	Evaluation of the Tasso-SST [®] capillary blood microsampling device for the measurement of endogenous uracil levels. <i>Clinical Biochemistry</i> , 2022, .	1.9	4
54	Determinação de metil-etil-cetona em amostras de urina com amostragem por micro extração em fase sólida (MEFS) em headspace associada à cromatografia gasosa com detector de ionização de chama (CG-DIC). <i>Quimica Nova</i> , 2008, 31, 2165-2168.	0.3	3

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55	Correlation Analysis Between Cotinine Hair Concentrations From Active Smokers and Nicotine Intake and Dependence. <i>Therapeutic Drug Monitoring</i> , 2015, 37, 405-407.	2.0	3
56	Therapeutic drug monitoring in developing nations: assessing the current state of affairs in South America. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2021, 17, 251-254.	3.3	3
57	Determination of cortisol in hair using liquid chromatography-tandem mass spectrometry: a short review. <i>Bioanalysis</i> , 2021, 13, 1145-1155.	1.5	3
58	Related factors to atazanavir plasma levels in a cohort of HIV positive individuals with undetectable viral load. <i>Brazilian Journal of Infectious Diseases</i> , 2013, 17, 657-660.	0.6	2
59	Determinação simultânea de topiramato, carbamazepina, fenitoína e fenobarbital em plasma empregando cromatografia a gás com detector de nitrogênio e flúor. <i>Quimica Nova</i> , 2013, 36, 720-724.	0.3	2
60	Characterization of imatinib mesylate formulations distributed in South American countries: Determination of genotoxic impurities by UHPLC-MS/MS and dissolution profile. <i>Biomedical Chromatography</i> , 2018, 32, e4222.	1.7	2
61	Simple extraction of toxicologically relevant psychotropic compounds and metabolites from whole blood using mini-QuEChERS followed by UPLC-MS/MS analysis. <i>Biomedical Chromatography</i> , 2021, 35, e5142.	1.7	2
62	Determinação rápida de fármacos básicos em plasma por cromatografia a gás com detector de nitrogênio e flúor. <i>Quimica Nova</i> , 2012, 35, 1222-1227.	0.3	2
63	Ultra-performance liquid chromatographic method for measurement of voriconazole in human plasma and oral fluid. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 148-155.	0.6	1
64	Determinação de bussulfano em plasma através de cromatografia líquida de alta eficiência com detector de arranjo de diodos e derivatização com dietilditiocarbamato de sódio. <i>Quimica Nova</i> , 2012, 35, 1468-1473.	0.3	1
65	Association between atazanavir plasma levels and renal function in HIV-positive individuals on antiretroviral therapy with undetectable viral load. <i>International Journal of Antimicrobial Agents</i> , 2013, 41, 497-498.	2.5	1
66	Mass spectrometry for the quantification of drugs in biosamples. <i>Handbook of Analytical Separations</i> , 2020, 7, 47-79.	0.8	1
67	Factors related to decreased vitamin D levels in men with spinal cord injury living in a subtropical region. <i>Scientia Medica</i> , 2018, 28, 28381.	0.3	1
68	SIMULTANEOUS DETERMINATION OF CARBAMAZEPINE, PHENYTOIN AND PHENOBARBITAL IN DRIED BLOOD SPOTS BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY. <i>Quimica Nova</i> , 2014, , .	0.3	0
69	Determination of cortisol in hair using UHPLC-MS/MS: application to patients admitted for ethanol dependence treatment. <i>Bioanalysis</i> , 2021, 13, 1559-1568.	1.5	0
70	Determinação de 2,5-hexanodiona em urina empregando cromatografia líquida de alta eficiência, após derivatização com 2,4-dinitrofenil-hidrazina. <i>Quimica Nova</i> , 2011, 34, 151-155.	0.3	0
71	Determinação rápida de oseltamivir em cápsulas por cromatografia líquida de ultraeficiência com detector por arranjo de diodos. <i>Quimica Nova</i> , 2011, 34, 1271-1274.	0.3	0
72	Pharmacogenetic Markers of Treatment Response of Imatinib Mesylate in Chronic Myeloid Leukemia Brazilian Patients. <i>Blood</i> , 2016, 128, 5458-5458.	1.4	0

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73	An easy-to-handle DPD deficiency test in saliva to identify patients at high-risk for life-threatening toxicity due to fluoropyrimidine therapy.. Journal of Clinical Oncology, 2017, 35, e14019-e14019.	1.6	0
74	Predicting 5-Fluorouracil related severe toxicity with DPD functional tests in plasma, fresh saliva and dried saliva samples.. Journal of Clinical Oncology, 2018, 36, e14563-e14563.	1.6	0
75	Evaluation of the stability of Polymyxin B in saline and glucose solutions using LC-MS/MS. Brazilian Journal of Pharmaceutical Sciences, 0, 56, .	1.2	0
76	DETERMINAÇÃO DE DOCETAXEL E METABÓLITOS EM PLASMA POR UPLC-MS/MS: DESENVOLVIMENTO DE METODOLOGIA ANALÍTICA E APLICAÇÃO CLÍNICA. Quimica Nova, 0, , .	0.3	0
77	Evaluation of UGT1A1 and CYP3A Genotyping and Single-Point Irinotecan and Metabolite Concentrations as Predictors of the Occurrence of Adverse Events in Cancer Treatment. Journal of Gastrointestinal Cancer, 0, , .	1.3	0