

Marina Venzon Antunes

List of Publications by Year in descending order

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77
papers

1,039
citations

361413
20
h-index

501196
28
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docs citations

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times ranked

1509
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Evaluation of the Tasso-SSTÂ® capillary blood microsampling device for the measurement of endogenous uracil levels. <i>Clinical Biochemistry</i> , 2022, , .	1.9	4
3	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
4	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
5	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
6	Simple extraction of toxicologically relevant psychotropic compounds and metabolites from whole blood using miniâ€œQuEChERS followed by UPLCâ€œMS/MS analysis. <i>Biomedical Chromatography</i> , 2021, 35, e5142.	1.7	2
7	Determination of cortisol in hair using liquid chromatography-tandem mass spectrometry: a short review. <i>Bioanalysis</i> , 2021, 13, 1145-1155.	1.5	3
8	Determination of cortisol in hair using UHPLCâ€œMS/MS: application to patients admitted for ethanol dependence treatment. <i>Bioanalysis</i> , 2021, 13, 1559-1568.	1.5	0
9	Sensitive determination of 11-nor-9-carboxy-Î”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
10	Simultaneous Determination of Cocaine and Metabolites in Human Plasma Using Solid Phase Micro-Extraction Fiber Tips C18 and UPLCâ€œMS/MS. <i>Journal of Analytical Toxicology</i> , 2020, 44, 49-56.	2.8	8
11	An Optimized Solid-Phase Microextraction and Gas Chromatographyâ€œMass Spectrometry Assay for the Determination of Ethyl Palmitate in Hair. <i>Journal of Analytical Toxicology</i> , 2020, 44, 402-409.	2.8	5
12	Vancomycin and creatinine determination in dried blood spots: Analytical validation and clinical assessment. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1137, 121897.	2.3	19
13	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
14	Dried plasma spots for therapeutic monitoring of amikacin: Validation of an UHPLC-MS/MS assay and pharmacokinetic application. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 184, 113201.	2.8	11
15	Mass spectrometry for the quantification of drugs in biosamples. <i>Handbook of Analytical Separations</i> , 2020, 7, 47-79.	0.8	1
16	Determination of lithium in dried blood spots and dried plasma spots by graphite furnace atomic absorption spectrometry: Method development, validation and clinical application. <i>Talanta</i> , 2020, 216, 120907.	5.5	11
17	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
18	Ready for TDM: Simultaneous quantification of amikacin, vancomycin and creatinine in human plasma employing ultra-performance liquid chromatography-tandem mass spectrometry. <i>Clinical Biochemistry</i> , 2019, 70, 39-45.	1.9	16

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19	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. <i>Forensic Science International</i> , 2019, 298, 408-416.	2.2	11
20	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
21	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
22	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
23	Pharmacokinetic and Pharmacogenetic Markers of Irinotecan Toxicity. <i>Current Medicinal Chemistry</i> , 2019, 26, 2085-2107.	2.4	31
24	Caffeine levels as a predictor of Human mastadenovirus presence in surface waters—a case study in the Sinos River basin—Brazil. <i>Environmental Science and Pollution Research</i> , 2018, 25, 15774-15784.	5.3	16
25	DPD functional tests in plasma, fresh saliva and dried saliva samples as predictors of 5-fluorouracil exposure and occurrence of drug-related severe toxicity. <i>Clinical Biochemistry</i> , 2018, 56, 18-25.	1.9	17
26	Analytical and clinical validation of a dried blood spot assay for the determination of paclitaxel using high-performance liquid chromatography-tandem mass spectrometry. <i>Clinical Biochemistry</i> , 2018, 54, 123-130.	1.9	16
27	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
28	Simultaneous determination of fluoxetine and norfluoxetine in dried blood spots using high-performance liquid chromatography-tandem mass spectrometry. <i>Clinical Biochemistry</i> , 2018, 52, 85-93.	1.9	19
29	Determination of irinotecan and its metabolite SN-38 in dried blood spots using high-performance liquid-chromatography with fluorescence detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 150, 51-58.	2.8	21
30	Determination of docetaxel in dried blood spots by LC-MS/MS: Method development, validation and clinical application. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 157, 84-91.	2.8	17
31	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
32	Predicting 5-Fluorouracil related severe toxicity with DPD functional tests in plasma, fresh saliva and dried saliva samples. <i>Journal of Clinical Oncology</i> , 2018, 36, e14563-e14563.	1.6	0
33	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
34	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
35	An easy-to-handle DPD deficiency test in saliva to identify patients at high-risk for life-threatening toxicity due to fluoropyrimidine therapy. <i>Journal of Clinical Oncology</i> , 2017, 35, e14019-e14019.	1.6	0
36	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

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37	Fast method for simultaneous quantification of tamoxifen and metabolites in dried blood spots using an entry level LC-MS/MS system. <i>Clinical Biochemistry</i> , 2016, 49, 1295-1298.	1.9	15
38	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
39	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
40	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
41	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
42	Pharmacogenetic Markers of Treatment Response of Imatinib Mesylate in Chronic Myeloid Leukemia Brazilian Patients. <i>Blood</i> , 2016, 128, 5458-5458.	1.4	0
43	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
44	Influence of CYP2D6 and CYP3A4 Phenotypes, Drug Interactions, and Vitamin D Status on Tamoxifen Biotransformation. <i>Therapeutic Drug Monitoring</i> , 2015, 37, 733-744.	2.0	21
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	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. <i>Clinical Biochemistry</i> , 2015, 48, 915-918.	1.9	11
47	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
48	DBS sampling in imatinib therapeutic drug monitoring: from method development to clinical application. <i>Bioanalysis</i> , 2015, 7, 2105-2117.	1.5	30
49	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
50	SIMULTANEOUS DETERMINATION OF CARBAMAZEPINE, PHENYTOIN AND PHENOBARBITAL IN DRIED BLOOD SPOTS BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY. <i>Quimica Nova</i> , 2014, , .	0.3	0
51	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
52	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
53	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
54	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

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55	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
56	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
57	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
58	Determinação simultânea de topiramato, carbamazepina, fenitoína e fenobarbital em plasma empregando cromatografia a gás com detector de nitrogênio e flúor. <i>Química Nova</i> , 2013, 36, 720-724.	0.3	2
59	Endoxifen Levels and Its Association With CYP2D6 Genotype and Phenotype. <i>Therapeutic Drug Monitoring</i> , 2012, 34, 422-431.	2.0	31
60	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
61	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>Química Nova</i> , 2012, 35, 1468-1473.	0.3	1
62	Determinação rápida de fármacos básicos em plasma por cromatografia a gás com detector de nitrogênio e flúor. <i>Química Nova</i> , 2012, 35, 1222-1227.	0.3	2
63	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
64	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
65	Monitoring imatinib plasma concentrations in chronic myeloid leukemia. <i>Revista Brasileira De Hematologia E Hemoterapia</i> , 2011, 33, 302-306.	0.7	15
66	Determinação de 2,5-hexanodiona em urina empregando cromatografia líquida de alta eficiência, após derivatização com 2,4-dinitrofenil-hidrazina. <i>Química Nova</i> , 2011, 34, 151-155.	0.3	0
67	Determinação rápida de oseltamivir em cápsulas por cromatografia líquida de ultraeficiência com detector por arranjo de diodos. <i>Química Nova</i> , 2011, 34, 1271-1274.	0.3	0
68	Determinação de citrato de sildenafil e de tadalafila por cromatografia líquida de ultraeficiência com detecção por arranjo de diodos (CLUE-DAD). <i>Química Nova</i> , 2010, 33, 389-393.	0.3	13
69	Determinação de ácido valprático em soro por cromatografia líquida de alta eficiência com detector de arranjo de diodos (CLAE-DAD), após derivatização com brometo de fenacila. <i>Química Nova</i> , 2009, 32, 1227-1230.	0.3	6
70	Oxidative stress and DNA damage in older adults that do exercises regularly. <i>Clinical Biochemistry</i> , 2009, 42, 1648-1653.	1.9	27
71	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>Química Nova</i> , 2008, 31, 2165-2168.	0.3	3
72	Determinação simultânea de creatinina e indicadores biológicos de exposição ao tolueno, estireno e xilenos em urina por cromatografia líquida de alta eficiência. <i>Química Nova</i> , 2008, 31, 1865-1868.	0.3	6

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73	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
74	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
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	DETERMINA��O DE DOCETAXEL E METAB�LITOS EM PLASMA POR UPLC-MS/MS: DESENVOLVIMENTO DE METODOLOGIA ANAL�TICA E APLICA��O CL�NICA. 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