

Carine Viana Silva

List of Publications by Year in descending order

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54
papers

709
citations

566801

15
h-index

676716

22
g-index

54
all docs

54
docs citations

54
times ranked

1083
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous determination of cobalt and nickel in vitamin B12 samples using high-resolution continuum source atomic absorption spectrometry. <i>Talanta</i> , 2016, 147, 241-245.	2.9	42
2	Screening of pharmacologic adulterant classes in herbal formulations using voltammetry of microparticles. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 74, 194-204.	1.4	41
3	Evaluation of acute and subacute toxicity of hydroethanolic extract of <i>Dolichandra unguis-cati</i> L. leaves in rats. <i>Journal of Ethnopharmacology</i> , 2017, 202, 147-153.	2.0	39
4	Flame and graphite furnace atomic absorption spectrometry for trace element determination in vegetable oils, margarine and butter after sample emulsification. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2011, 28, 640-648.	1.1	33
5	Study of ion suppression for phenolic compounds in medicinal plant extracts using liquid chromatography-electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1427, 111-124.	1.8	31
6	Determination of diuretics and laxatives as adulterants in herbal formulations for weight loss. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013, 30, 1230-1237.	1.1	29
7	Seleno- and Telluro-xylofuranosides attenuate Mn-induced toxicity in <i>C. elegans</i> via the DAF-16/FOXO pathway. <i>Food and Chemical Toxicology</i> , 2014, 64, 192-199.	1.8	29
8	Simultaneous determination of iron and nickel as contaminants in multimineral and multivitamin supplements by solid sampling HR-CS GF AAS. <i>Talanta</i> , 2019, 195, 745-751.	2.9	24
9	Detection and determination of undeclared synthetic caffeine in weight loss formulations using HPLC-DAD and UHPLC-MS/MS. <i>Journal of Pharmaceutical Analysis</i> , 2018, 8, 366-372.	2.4	20
10	Liquid chromatographic determination of caffeine and adrenergic stimulants in food supplements sold in Brazilian e-commerce for weight loss and physical fitness. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 33, 1-9.	1.1	19
11	Standard additions-dilution method for absolute quantification in voltammetry of microparticles. Application for determining psychoactive 1,4-benzodiazepine and antidepressants drugs as adulterants in phytotherapeutic formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 80, 159-163.	1.4	17
12	A liquid chromatography-atmospheric pressure photoionization tandem mass spectrometric (LC-APPI-MS/MS) method for the determination of triterpenoids in medicinal plant extracts. <i>Journal of Mass Spectrometry</i> , 2016, 51, 558-565.	0.7	17
13	Antimicrobial, cytotoxic, and antioxidant potential of <i>Brassica oleracea</i> var. capitata against HO ₂ . <i>Journal of Food Biochemistry</i> , 2017, 42, 394-399.	4.2	16
14	Determination of aluminum and silicon in bovine liver by graphite furnace atomic absorption spectrometry after dissolution with tetramethylammonium hydroxide. <i>Analytical Methods</i> , 2015, 7, 500-506.	1.3	16
15	<i>Vitis vinifera</i> L. cv Pinot noir pomace and lees as potential sources of bioactive compounds. <i>International Journal of Food Sciences and Nutrition</i> , 2016, 67, 789-796.	1.3	16
16	Qualitative and quantitative analysis of the phenolic content of <i>Conarus</i> var. <i>angustifolius</i> , <i>Cecropia obtusa</i> , <i>Cecropia palmata</i> and <i>Mansoa alliacea</i> based on HPLC-DAD and UHPLC-ESI-MS/MS. <i>Revista Brasileira De Farmacognosia</i> , 2017, 27, 426-433.	0.6	16
17	Analysis of Pharmacologic Adulteration in Dietary Supplements by Capillary Zone Electrophoresis Using Simultaneous Contactless Conductivity and UV Detection. <i>Chromatographia</i> , 2018, 81, 689-698.	0.7	15
18	Ultrasound-Assisted Extraction and Biological Activities of Extracts of <i>Brassica oleracea</i> var. capitata. <i>Food Technology and Biotechnology</i> , 2015, 53, 102-109.	0.9	15

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19	A capillary zone electrophoretic method for the determination of hypoglycemics as adulterants in herbal formulations used for the treatment of diabetes. <i>Analytical Methods</i> , 2013, 5, 2126.	1.3	14
20	Emulsified systems for metal determination by spectrometric methods. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 53, 49-59.	5.8	14
21	High-resolution continuum source graphite furnace atomic absorption spectrometry for screening elemental impurities in drugs to adhere to the new international guidelines. <i>Talanta</i> , 2019, 197, 20-27.	2.9	14
22	Pulsed amperometric detection (PAD) of diuretic drugs in herbal formulations using a gold electrode following ion-pair chromatographic separation. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 1601-1608.	1.2	13
23	A new approach to ion exchange chromatography with conductivity detection for adulterants investigation in dietary supplements. <i>Biomedical Chromatography</i> , 2019, 33, e4669.	0.8	13
24	An Ultra-High Performance Liquid Chromatography- Electro spray Tandem Mass Spectrometric Method for Screening and Simultaneous Determination of Anorexic, Anxiolytic, Antidepressant, Diuretic, Laxative and Stimulant Drugs in Dietary Supplements Marketed for Weight Loss. <i>Journal of Chromatographic Science</i> , 2019, 57, 528-540.	0.7	13
25	Simultaneous determination of Fe and Ni in guarana (<i>Paullinia cupana</i> Kunth) by HR-CS GF AAS: Comparison of direct solid analysis and wet acid digestion procedures. <i>Journal of Food Composition and Analysis</i> , 2020, 88, 103459.	1.9	13
26	High-performance liquid chromatographic analysis of biogenic amines in pharmaceutical products containing <i>Citrus aurantium</i> . <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013, 30, 634-642.	1.1	12
27	Pulsed amperometric detection of pharmacologic adulterants in dietary supplements using a gold electrode coupled to HPLC separation. <i>Analytical Methods</i> , 2018, 10, 2226-2233.	1.3	12
28	Simultaneous analysis of antihypertensive drugs and diuretics as adulterants in herbal-based products by ultra-high performance liquid chromatography-electrospray tandem mass spectrometry. <i>Analytical Methods</i> , 2016, 8, 1881-1888.	1.3	11
29	Determination of phenolic compounds in extracts of Amazonian medicinal plants by liquid chromatography-electrospray tandem mass spectrometry. <i>Analytical Methods</i> , 2017, 9, 1141-1151.	1.3	11
30	<i>Persea americana</i> Mill. crude extract exhibits antinociceptive effect on UVB radiation-induced skin injury in mice. <i>Inflammopharmacology</i> , 2019, 27, 323-338.	1.9	11
31	Investigation of phenolic antioxidants as chemical markers in extracts of <i>Connarus perrottetii</i> var. <i>angustifolius</i> Radlk by capillary zone electrophoresis. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2016, 39, 13-20.	0.5	10
32	Regulatory framework for dietary supplements and the public health challenge. <i>Revista De Saude Publica</i> , 2019, 53, 90.	0.7	10
33	Extraction induced by emulsion breaking for simultaneous determination of Co, Fe and Ni in petroleum asphalt cement by high-resolution continuum source atomic absorption spectrometry. <i>Fuel</i> , 2020, 277, 118098.	3.4	10
34	Determination of Polycyclic Aromatic Hydrocarbons in Commercial Parenteral Formulations and Medications Using High-Performance Liquid Chromatography with Diode Array Detection. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 1070-1076.	0.7	8
35	A rapid method for identification and quantification of prostaglandins in cerebral tissues by UHPLC-ESI-MS/MS for the lipidomic in vivo studies. <i>Analytical Biochemistry</i> , 2018, 545, 98-103.	1.1	8
36	Determination of lead in dietary supplements by high-resolution continuum-source graphite furnace atomic absorption spectrometry with direct solid sampling. <i>Journal of Food Composition and Analysis</i> , 2020, 86, 103360.	1.9	8

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37	Determination of Phenolic Antioxidants in Amazonian Medicinal Plants by HPLC with Pulsed Amperometric Detection. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015, 38, 1259-1266.	0.5	7
38	Determination of Stimulants and Diuretics in Dietary Supplements for Weight Loss and Physical Fitness by Ion-pair Chromatography and Pulsed Amperometric Detection (PAD). <i>Current Analytical Chemistry</i> , 2018, 14, 562-570.	0.6	7
39	Substrate-free Determination of the Radical Scavenging Activity of Phenolic Compounds by Photochemical Generation of Hydroxyl Radicals and HPLC-UV Detection. <i>Separation Science and Technology</i> , 2013, 48, 1123-1131.	1.3	6
40	Sequential Determination of 13 Elements in Complex Matrices by Stripping Voltammetry with Mixed Complexing Electrolytes. <i>Electroanalysis</i> , 2015, 27, 1625-1635.	1.5	6
41	Extraction/Leaching of Metal-Containing Additives from Polyvinyl Chloride, Ethyl Vinyl Acetate, and Polypropylene Bags and Infusion Sets into Infusion Solutions. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2019, 73, 60-69.	0.3	6
42	Determination of phenolic and triterpenic compounds in <i>Jatropha gossypifolia</i> L by Ultra-high performance liquid chromatography-tandem mass spectrometric (UHPLC-MS/MS). <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 56, .	1.2	6
43	Quantification of Alpha Lipoic Acid in Pharmaceutical Products by HPLC with Pulsed Amperometric Detection at a Gold Electrode. <i>Current Analytical Chemistry</i> , 2019, 15, 694-700.	0.6	5
44	Presence of Polycyclic Aromatic Hydrocarbons in Rubber Packaging Materials and in Parenteral Formulations Stored in Bottles With Rubber Stoppers. <i>Journal of Parenteral and Enteral Nutrition</i> , 2017, 41, 1037-1044.	1.3	4
45	Determination of Antimony in Pharmaceutical Formulations and Beverages Using High-Resolution Continuum-Source Graphite Furnace Atomic Absorption Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 737-743.	0.7	4
46	Anti-inflammatory activity and identification of the <i>Verbena litoralis</i> Kunth crude extract constituents. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 56, .	1.2	4
47	Newborn Exposure to Polycyclic Aromatic Hydrocarbons Through Parenteral Nutrition. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 67, 671-676.	0.9	3
48	Elemental Analysis of Pharmaceutical Products for Chronic Kidney Disease by High-Resolution Continuum Source Graphite Furnace Atomic Absorption Spectrometry (HR-CS GFAAS). <i>Analytical Letters</i> , 2022, 55, 109-122.	1.0	3
49	DEVELOPMENT AND VALIDATION OF A HPLC-PDA METHOD AND PRELIMINARY STABILITY STUDY OF SYNEPHRINE IN <i>Citrus aurantium</i> L. DRY EXTRACT. <i>Quimica Nova</i> , 2015, , .	0.3	2
50	Assessment of Purity Parameters of Generic and Brand Name Losartan Potassium. <i>Current Pharmaceutical Analysis</i> , 2020, 17, 129-139.	0.3	2
51	A review of influence of environment and process parameters on glucosinolate-myrosinase system from Brassica. <i>Journal of Applied Pharmaceutical Science</i> , 0, , .	0.7	2
52	Barium in intravenous solutions for administration to neonates: Origins and levels of contamination. <i>E-SPEN Journal</i> , 2014, 9, e223-e227.	0.5	1
53	Simultaneous Analysis of Sexual Stimulants and Anabolic Steroids as Adulterants in Dietary Supplements by High Performance Liquid Chromatography with Photodiode Array Detection. <i>Current Pharmaceutical Analysis</i> , 2021, 17, 767-773.	0.3	1
54	Phytochemical characterisation, antioxidant capacity, and <i>in vitro</i> toxicity of <i>Richardia brasiliensis</i> gomes crude extracts. <i>Natural Product Research</i> , 0, , 1-5.	1.0	0