Maria EugÃªnia Costa Queiroz

List of Publications by Year
in descending order

100 papers	3,054 citations	126907 33 h-index	189892 50 g-index
102 all docs	102 docs citations	102 times ranked	2826 citing authors

#	Article	IF	Citations
1	Crosslinked zwitterionic polymeric ionic liquid-functionalized nitinol wires for fiber-in-tube solid-phase microextraction and UHPLC-MS/MS as an amyloid beta peptide binding protein assay in biological fluids. Analytica Chimica Acta, 2022, 1193, 339394.	5.4	10
2	Circulating Endocannabinoids in Huntingtonâ€™s Disease: An Exploratory Cross-Sectional Study. Journal of Huntington's Disease, 2022, , 1-5.	1.9	0
3	Current advances and applications of online sample preparation techniques for miniaturized liquid chromatography systems. Journal of Chromatography A, 2022, 1668, 462925.	3.7	11
4	In-tube solid-phase microextraction directly coupled to tandem mass spectrometry for anandamide and 2-arachidonoylglycerol determination in rat brain samples from an animal model of Parkinson's disease. Journal of Chromatography A, 2021, 1636, 461766.	3.7	13
5	Innovative extraction materials for fiber-in-tube solid phase microextraction: A review. Analytica Chimica Acta, 2021, 1165, 238110.	5.4	22
6	Pipette tip microâ€solid phase extraction (octylâ€functionalized hybrid silica monolith) and ultraâ€highâ€performance liquid chromatographyâ€tandem mass spectrometry to determine cannabidiol and tetrahydrocannabinol in plasma samples. Journal of Separation Science, 2021, 44, 1621-1632.	2.5	9
7	Novel materials as capillary coatings for inâ€tube solidâ€phase microextraction for bioanalysis. Journal of Separation Science, 2021, 44, 1662-1693.	2.5	16
8	Recent advances in column switching high-performance liquid chromatography for bioanalysis. Sustainable Chemistry and Pharmacy, 2021, 21, 100431.	3.3	5
9	Oral Cannabidiol Does Not Convert to Î”⁸-THC or Î”⁹-THC in Humans: A Pharmacokinetic Study in Healthy Subjects. Cannabis and Cannabinoid Research, 2020, 5, 89-98.	2.9	30
10	In-tube solid-phase microextraction with a dummy molecularly imprinted monolithic capillary coupled to ultra-performance liquid chromatography-tandem mass spectrometry to determine cannabinoids in plasma samples. Analytica Chimica Acta, 2020, 1099, 145-154.	5.4	34
11	Restricted access media. , 2020, , 129-149.		3
12	A micro salting-out assisted liquid-liquid extraction combined with ultra-high performance liquid chromatography tandem mass spectrometry to determine anandamide and 2-arachidonoylglycerol in rat brain samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1158, 122351.	2.3	2
13	Endocannabinoid levels in patients with Parkinsonâ€™s disease with and without levodopa-induced dyskinesias. Journal of Neural Transmission, 2020, 127, 1359-1367.	2.8	13
14	Aminopropyl hybrid silica monolithic capillary containing mesoporous SBA-15 particles for in-tube SPME-HILIC-MS/MS to determine levodopa, carbidopa, benserazide, dopamine, and 3-O-methyldopa in plasma samples. Microchemical Journal, 2020, 157, 105106.	4.5	21
15	Restricted access carbon nanotube for microextraction by packed sorbent to determine antipsychotics in plasma samples by high-performance liquid chromatography-tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2020, 412, 2465-2475.	3.7	11
16	Determination of anandamide in cerebrospinal fluid samples by disposable pipette extraction and ultra-high performance liquid chromatography tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1130-1131, 121809.	2.3	4
17	Analysis of endocannabinoids in plasma samples by biocompatible solid-phase microextraction devices coupled to mass spectrometry. Analytica Chimica Acta, 2019, 1091, 135-145.	5.4	22
18	Schizophrenia: recent advances in LCâ€“MS/MS methods to determine antipsychotic drugs in biological samples. Bioanalysis, 2019, 11, 215-231.	1.5	7

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19	Butyl Methacrylate-Co-Ethylene Glycol Dimethacrylate Monolith for Online in-Tube SPME-UHPLC-MS/MS to Determine Chlopromazine, Clozapine, Quetiapine, Olanzapine, and Their Metabolites in Plasma Samples. Molecules, 2019, 24, 310.	3.8	23
20	A Dual Ligand Solâ€“Gel Organic-Silica Hybrid Monolithic Capillary for In-Tube SPME-MS/MS to Determine Amino Acids in Plasma Samples. Molecules, 2019, 24, 1658.	3.8	19
21	Lab-made solid phase microextraction phases for off line extraction and direct mass spectrometry analysis: Evaluating the extraction parameters. Journal of Chromatography A, 2019, 1603, 23-32.	3.7	11
22	Tunable Silver-Containing Stationary Phases for Multidimensional Gas Chromatography. Analytical Chemistry, 2019, 91, 4969-4974.	6.5	14
23	Polymeric ionic liquid open tubular capillary column for on-line in-tube SPME coupled with UHPLC-MS/MS to determine endocannabinoids in plasma samples. Analytica Chimica Acta, 2019, 1045, 108-116.	5.4	40
24	Current advances and applications of in-tube solid-phase microextraction. TrAC - Trends in Analytical Chemistry, 2019, 111, 261-278.	11.4	100
25	Association between polymorphisms in genes encoding estrogen receptors (ESR1 and ESR2) and excreted bisphenol A levels after orthodontic bracket bonding: a preliminary study. Progress in Orthodontics, 2018, 19, 19.	3.5	2
26	Possible Interactions Between 5-HT2A Receptors and the Endocannabinoid System in Humans. Journal of Clinical Psychopharmacology, 2018, 38, 644-646.	1.4	8
27	Recent development of chromatographic methods to determine parabens in breast milk samples: A review. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1093-1094, 82-90.	2.3	20
28	Recent advances in LC-MS/MS methods to determine endocannabinoids in biological samples: Application in neurodegenerative diseases. Analytica Chimica Acta, 2018, 1044, 12-28.	5.4	43
29	Determination of drugs in plasma samples by disposable pipette extraction with C18-BSA phase and liquid chromatographyâ€“tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2017, 139, 116-124.	2.8	39
30	Bisphenol A release from orthodontic adhesives measured inÂvitro and inÂvivo with gas chromatography. American Journal of Orthodontics and Dentofacial Orthopedics, 2017, 151, 477-483.	1.7	34
31	Evaluation of superficially porous and fully porous columns for analysis of drugs in plasma samples by UHPLCâ€“MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1048, 1-9.	2.3	7
32	A column switching ultrahigh-performance liquid chromatography-tandem mass spectrometry method to determine anandamide and 2-arachidonoylglycerol in plasma samples. Analytical and Bioanalytical Chemistry, 2017, 409, 3587-3596.	3.7	33
33	Column switching UHPLCâ€“MS/MS with restricted access material for the determination of CNS drugs in plasma samples. Bioanalysis, 2017, 9, 555-568.	1.5	12
34	Pipette tip dummy molecularly imprinted solid-phase extraction of Bisphenol A from urine samples and analysis by gas chromatography coupled to mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1067, 25-33.	2.3	31
35	Determination of Drugs in Plasma Samples by High-Performance Liquid Chromatographyâ€“Tandem Mass Spectrometry for Therapeutic Drug Monitoring of Schizophrenic Patients. Journal of Analytical Toxicology, 2016, 40, bkv107.	2.8	34
36	Development of Molecularly Imprinted Polymers for Solid Phase Extraction of Parabens in Plasma Samples and Analysis by UHPLC-MS/MS. Journal of the Brazilian Chemical Society, 2016, , .	0.6	2

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37	Selective solid-phase extraction using molecularly imprinted polymers for analysis of venlafaxine, O-desmethylvenlafaxine, and N-desmethylvenlafaxine in plasma samples by liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2016, 1458, 46-53.	3.7	34
38	Selective molecularly imprinted polymer combined with restricted access material for in-tube SPME/UHPLC-MS/MS of parabens in breast milk samples. Analytica Chimica Acta, 2016, 932, 49-59.	5.4	85
39	The development of a new disposable pipette extraction phase based on polyaniline composites for the determination of levels of antidepressants in plasma samples. Journal of Chromatography A, 2015, 1399, 1-7.	3.7	27
40	Analysis of drugs in plasma samples from schizophrenic patients by column-switching liquid chromatography-tandem mass spectrometry with organicâ€“inorganic hybrid cyanopropyl monolithic column. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 993-994, 26-35.	2.3	30
41	Hybrid silica monolith for microextraction by packed sorbent to determine drugs from plasma samples by liquid chromatographyâ€“tandem mass spectrometry. Talanta, 2015, 140, 166-175.	5.5	51
42	Simultaneous determination of amino acids and neurotransmitters in plasma samples from schizophrenic patients by hydrophilic interaction liquid chromatography with tandem mass spectrometry. Journal of Separation Science, 2015, 38, 780-787.	2.5	37
43	Determination of parabens in urine samples by microextraction using packed sorbent and ultra-performance liquid chromatography coupled to tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 974, 35-41.	2.3	37
44	ExtraÃ§Ã£o em ponteiras descartÃ¡veis: fundamentos teÃ³ricos e aplicaÃ§Ãµes. Scientia Chromatographica, 2015, 7, 101-108.	0.2	9
45	Rimonabant effects on anxiety induced by simulated public speaking in healthy humans: a preliminary report. Human Psychopharmacology, 2014, 29, 94-99.	1.5	22
46	MICROEXTRACTION IN PACKED SORBENT FOR ANALYSIS OF SULFONAMIDES IN POULTRY LITTER WASTEWATER SAMPLES BY LIQUID CHROMATOGRAPHY AND SPECTROPHOTOMETRIC DETECTION. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 2377-2388.	1.0	9
47	Selective capillary coating materials for in-tube solid-phase microextraction coupled to liquid chromatography to determine drugs and biomarkers in biological samples: A review. Analytica Chimica Acta, 2014, 826, 1-11.	5.4	74
48	Sugar markers in aerosol particles from an agro-industrial region in Brazil. Atmospheric Environment, 2014, 90, 106-112.	4.1	49
49	Immunoaffinity in-tube solid phase microextraction coupled with liquid chromatography with fluorescence detection for determination of interferon Î± in plasma samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 928, 37-43.	2.3	36
50	Microextraction in Packed Sorbent for the Determination of Pesticides in Honey Samples by Gas Chromatography Coupled to Mass Spectrometry. Journal of Chromatographic Science, 2013, 51, 899-904.	1.4	18
51	In-tube solid-phase microextraction with molecularly imprinted polymer to determine interferon alpha 2a in plasma sample by high performance liquid chromatography. Journal of Chromatography A, 2013, 1318, 43-48.	3.7	46
52	A molecularly imprinted polymer for microdisc solid-phase extraction of parabens from human milk samples. Analytical Methods, 2013, 5, 3538.	2.7	40
53	Assessing Stir Bar Sorptive Extraction and Microextraction by Packed Sorbent for Determination of Selective Serotonin Reuptake Inhibitor Antidepressants in Plasma Sample by Non-Aqueous Capillary Electrophoresis. Journal of the Brazilian Chemical Society, 2013, , .	0.6	2
54	Recentes avanÃ§os da in-tube SPME-LC para bioanÃ¡lises. Scientia Chromatographica, 2013, 5, 167-179.	0.2	3

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55	Evaluation of comprehensive two-dimensional gas chromatography coupled to rapid scanning quadrupole mass spectrometry for quantitative analysis. Journal of Chromatography A, 2012, 1255, 177-183.	3.7	21
56	Use of levoglucosan, potassium, and water-soluble organic carbon to characterize the origins of biomass-burning aerosols. Atmospheric Environment, 2012, 61, 562-569.	4.1	115
57	Evaluation of solid-phase microextraction using a polythiophene film and liquid chromatography with spectrophotometric detection for the determination of antidepressants in plasma samples. Journal of the Brazilian Chemical Society, 2012, 23, 57-64.	0.6	15
58	Automated analysis of lidocaine and its metabolite in plasma by inâ€tube solidâ€phase microextraction coupled with LCâ€UV for pharmacokinetic study. Journal of Separation Science, 2012, 35, 734-741.	2.5	25
59	Microextraction in packed sorbent for determination of sulfonamides in egg samples by liquid chromatography and spectrophotometric detection. Journal of the Brazilian Chemical Society, 2011, , .	0.6	2
60	Biocompatible in-tube solid phase microextraction coupled with liquid chromatography-fluorescence detection for determination of interferon Î± in plasma samples. Journal of Chromatography A, 2011, 1218, 3376-3381.	3.7	40
61	Automated determination of rifampicin in plasma samples by in-tube solid-phase microextraction coupled with liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 2454-2458.	2.3	31
62	Enantioselective analysis of fluoxetine and norfluoxetine in plasma samples by protein precipitation and liquid chromatography with fluorescence detection. Journal of the Brazilian Chemical Society, 2011, 22, 1221-1228.	0.6	8
63	Microextraction in packed sorbent for analysis of antidepressants in human plasma by liquid chromatography and spectrophotometric detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 2123-2129.	2.3	61
64	Simultaneous analysis of parabens in cosmetic products by stir bar sorptive extraction and liquid chromatography. Journal of Separation Science, 2010, 33, 1849-1855.	2.5	58
65	Rifampicin determination in plasma by stir bar-sorptive extraction and liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2010, 51, 1078-1083.	2.8	39
66	Recent developments and applications of stir bar sorptive extraction. Journal of Separation Science, 2009, 32, 813-824.	2.5	122
67	Solid-phase microextraction using poly(pyrrole) film and liquid chromatography with UV detection for analysis of antidepressants in plasma samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 587-593.	2.3	72
68	Fast separation of selective serotonin reuptake inhibitors antidepressants in plasma sample by nonaqueous capillary electrophoresis. Journal of Chromatography A, 2009, 1216, 5779-5782.	3.7	24
69	Determination of fluoxetine and norfluoxetine enantiomers in human plasma by polypyrrole-coated capillary in-tube solid-phase microextraction coupled with liquid chromatography-fluorescence detection. Journal of Chromatography A, 2009, 1216, 8590-8597.	3.7	64
70	Polydimethylsiloxane/polypyrrole stir bar sorptive extraction and liquid chromatography (SBSE/LC-UV) analysis of antidepressants in plasma samples. Analytica Chimica Acta, 2009, 633, 57-64.	5.4	102
71	In-tube solid-phase microextraction coupled to liquid chromatography (in-tube SPME/LC) analysis of nontricyclic antidepressants in human plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 862, 181-188.	2.3	74
72	Primidone oxidation catalyzed by metalloporphyrins and Jacobsen catalyst. Journal of Molecular Catalysis A, 2008, 296, 54-60.	4.8	26

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73	Quantification of carbamazepine, carbamazepine-10,11-epoxide, phenytoin and phenobarbital in plasma samples by stir bar-sorptive extraction and liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2008, 48, 428-434.	2.8	90
74	ExtraÃ§Ã£o sortiva em barra de agitaÃ§Ã£o para anÃ¡lise de fÃ¡rmacos em fluidos biolÃ³gicos. Quimica Nova, 2008, 31, 1814-1819.	0.3	9
75	Simultaneous Determination of Nontricyclic Antidepressants in Human Plasma by Solid-Phase Microextraction and Liquid Chromatography (SPME-LC). Journal of Analytical Toxicology, 2007, 31, 313-320.	2.8	34
76	Immunoaffinity in-tube solid phase microextraction coupled with liquid chromatographyâ€“mass spectrometry for analysis of fluoxetine in serum samples. Journal of Chromatography A, 2007, 1174, 72-77.	3.7	83
77	Jacobsen catalyst as a P450 biomimetic model for the oxidation of an antiepileptic drug. Journal of Molecular Catalysis A, 2007, 273, 259-264.	4.8	28
78	Stir bar sorptive extraction and liquid chromatography with UV detection for determination of antidepressants in plasma samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 850, 295-302.	2.3	102
79	Reliable HPLC method for therapeutic drug monitoring of frequently prescribed tricyclic and nontricyclic antidepressants. Journal of Pharmaceutical and Biomedical Analysis, 2007, 44, 955-962.	2.8	90
80	Optimization of the SPME Parameters and Its Online Coupling with HPLC for the Analysis of Tricyclic Antidepressants in Plasma Samples. Journal of Chromatographic Science, 2006, 44, 340-346.	1.4	40
81	Optimization of solid-phase microextraction procedures for the determination of tricyclic antidepressants and anticonvulsants in plasma samples by liquid chromatography. Analytical and Bioanalytical Chemistry, 2006, 386, 256-263.	3.7	55
82	Determination of Diazepam in Human Plasma by Solid-Phase Microextraction and Capillary Gas Chromatography-Mass Spectrometry. Chromatographia, 2005, 62, 215-219.	1.3	24
83	AnÃ¡lise de fÃ¡rmacos em material biolÃ³gico: acoplamento microextraÃ§Ã£o em fase sÃ³lida "no tubo" e cromatografia lÃquida de alta eficiÃªncia. Quimica Nova, 2005, 28, 880-886.	0.3	12
84	Validation of non-aqueous capillary electrophoresis for simultaneous determination of four tricyclic antidepressants in pharmaceutical formulations and plasma samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 799, 127-132.	2.3	51
85	Determination of amitraz in canine plasma by solid-phase microextractionâ€“gas chromatography with thermionic specific detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 794, 337-342.	2.3	27
86	Simultaneous Plasma Lamotrigine Analysis with Carbamazepine, Carbamazepine 10,11 Epoxide, Primidone, Phenytoin, Phenobarbital, and PEMA by Micellar Electrokinetic Capillary Chromatography (MECC). Journal of Analytical Toxicology, 2003, 27, 304-308.	2.8	23
87	Determination of Lamotrigine Simultaneously with Carbamazepine, Carbamazepine Epoxide, Phenytoin, Phenobarbital, and Primidone in Human Plasma by SPME-GC-TSD. Journal of Chromatographic Science, 2002, 40, 219-223.	1.4	59
88	Solid-phase microextraction-liquid chromatography (SPME-LC) determination of lamotrigine simultaneously with carbamazepine and carbamazepine 10,11-epoxide in human plasma. Journal of Separation Science, 2002, 25, 91-95.	2.5	22
89	Safety Measures in the Application of Organophosphate Insecticides on Staked Tomato Crops Using Dragged Hoses. Bulletin of Environmental Contamination and Toxicology, 2002, 68, 490-494.	2.7	4
90	Comparison of high-resolution gas chromatography and high-performance liquid chromatography for simultaneous determination of lamotrigine and carbamazepine in plasma. Chromatographia, 2001, 53, 485-489.	1.3	14

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91	COMPARISON BETWEEN SOLIDâ€“PHASE EXTRACTION METHODS FOR THE CHROMATOGRAPHIC DETERMINATION OF ORGANOPHOSPHORUS PESTICIDES IN WATER. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2001, 36, 517-527.	1.5	14
92	Co-cultivation of plant cells as a technique for the elicitation of secondary metabolite production. Plant Cell, Tissue and Organ Culture, 2000, 60, 165-169.	2.3	4
93	Analytical methods for the determination of alachlor, metolachlor, simazine and atrazine mobility in soils. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2000, 35, 467-476.	1.5	4
94	TRITERPENES AND PHENOLICS IN CALLUS OF MAYTENUS AQUIFOLIUM MART.. Acta Horticulturae, 1999, , 363-368.	0.2	0
95	Risk of Intoxication with Sulfluramid in a Packing Plant of Mirex-S. Bulletin of Environmental Contamination and Toxicology, 1999, 62, 515-519.	2.7	2
96	HRGC study of sorption and desorption of atrazine, ametryn and metolachlor on Brazilian soils. Journal of the Brazilian Chemical Society, 1997, 8, 1.	0.6	1
97	Simplex optimization of extraction of soybean oil by supercritical pentane. Chromatographia, 1995, 40, 421-424.	1.3	10
98	Behavior of triazines upon Î³-irradiation. Journal of Radioanalytical and Nuclear Chemistry, 1995, 199, 395-403.	1.5	8
99	Seed oil extraction with supercritical carbon dioxide modified with pentane. Chromatographia, 1994, 39, 687-692.	1.3	26
100	Determination of Parabens in Breast Milk Samples by Dispersive Liquid-Liquid Microextraction (DLLME) and Ultra-High-Performance Liquid Chromatography Tandem Mass Spectrometry. Journal of the Brazilian Chemical Society, 0, , .	0.6	5