

# Maria Eug<sup>ã</sup>nia Costa Queiroz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2477152/publications.pdf>

Version: 2024-02-01

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	Recent developments and applications of stir bar sorptive extraction. <i>Journal of Separation Science</i> , 2009, 32, 813-824.	2.5	122
2	Use of levoglucosan, potassium, and water-soluble organic carbon to characterize the origins of biomass-burning aerosols. <i>Atmospheric Environment</i> , 2012, 61, 562-569.	4.1	115
3	Stir bar sorptive extraction and liquid chromatography with UV detection for determination of antidepressants in plasma samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 850, 295-302.	2.3	102
4	Polydimethylsiloxane/polypyrrole stir bar sorptive extraction and liquid chromatography (SBSE/LC-UV) analysis of antidepressants in plasma samples. <i>Analytica Chimica Acta</i> , 2009, 633, 57-64.	5.4	102
5	Current advances and applications of in-tube solid-phase microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 111, 261-278.	11.4	100
6	Reliable HPLC method for therapeutic drug monitoring of frequently prescribed tricyclic and nontricyclic antidepressants. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 44, 955-962.	2.8	90
7	Quantification of carbamazepine, carbamazepine-10,11-epoxide, phenytoin and phenobarbital in plasma samples by stir bar-sorptive extraction and liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 428-434.	2.8	90
8	Selective molecularly imprinted polymer combined with restricted access material for in-tube SPME/UHPLC-MS/MS of parabens in breast milk samples. <i>Analytica Chimica Acta</i> , 2016, 932, 49-59.	5.4	85
9	Immunoaffinity in-tube solid phase microextraction coupled with liquid chromatography-mass spectrometry for analysis of fluoxetine in serum samples. <i>Journal of Chromatography A</i> , 2007, 1174, 72-77.	3.7	83
10	In-tube solid-phase microextraction coupled to liquid chromatography (in-tube SPME/LC) analysis of nontricyclic antidepressants in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 862, 181-188.	2.3	74
11	Selective capillary coating materials for in-tube solid-phase microextraction coupled to liquid chromatography to determine drugs and biomarkers in biological samples: A review. <i>Analytica Chimica Acta</i> , 2014, 826, 1-11.	5.4	74
12	Solid-phase microextraction using poly(pyrrole) film and liquid chromatography with UV detection for analysis of antidepressants in plasma samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 587-593.	2.3	72
13	Determination of fluoxetine and norfluoxetine enantiomers in human plasma by polypyrrole-coated capillary in-tube solid-phase microextraction coupled with liquid chromatography-fluorescence detection. <i>Journal of Chromatography A</i> , 2009, 1216, 8590-8597.	3.7	64
14	Microextraction in packed sorbent for analysis of antidepressants in human plasma by liquid chromatography and spectrophotometric detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 2123-2129.	2.3	61
15	Determination of Lamotrigine Simultaneously with Carbamazepine, Carbamazepine Epoxide, Phenytoin, Phenobarbital, and Primidone in Human Plasma by SPME-GC-TSD. <i>Journal of Chromatographic Science</i> , 2002, 40, 219-223.	1.4	59
16	Simultaneous analysis of parabens in cosmetic products by stir bar sorptive extraction and liquid chromatography. <i>Journal of Separation Science</i> , 2010, 33, 1849-1855.	2.5	58
17	Optimization of solid-phase microextraction procedures for the determination of tricyclic antidepressants and anticonvulsants in plasma samples by liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 256-263.	3.7	55
18	Validation of non-aqueous capillary electrophoresis for simultaneous determination of four tricyclic antidepressants in pharmaceutical formulations and plasma samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 799, 127-132.	2.3	51

#	ARTICLE	IF	CITATIONS
19	Hybrid silica monolith for microextraction by packed sorbent to determine drugs from plasma samples by liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2015, 140, 166-175.	5.5	51
20	Sugar markers in aerosol particles from an agro-industrial region in Brazil. <i>Atmospheric Environment</i> , 2014, 90, 106-112.	4.1	49
21	In-tube solid-phase microextraction with molecularly imprinted polymer to determine interferon alpha 2a in plasma sample by high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2013, 1318, 43-48.	3.7	46
22	Recent advances in LC-MS/MS methods to determine endocannabinoids in biological samples: Application in neurodegenerative diseases. <i>Analytica Chimica Acta</i> , 2018, 1044, 12-28.	5.4	43
23	Optimization of the SPME Parameters and Its Online Coupling with HPLC for the Analysis of Tricyclic Antidepressants in Plasma Samples. <i>Journal of Chromatographic Science</i> , 2006, 44, 340-346.	1.4	40
24	Biocompatible in-tube solid phase microextraction coupled with liquid chromatography-fluorescence detection for determination of interferon $\beta$ in plasma samples. <i>Journal of Chromatography A</i> , 2011, 1218, 3376-3381.	3.7	40
25	A molecularly imprinted polymer for microdisc solid-phase extraction of parabens from human milk samples. <i>Analytical Methods</i> , 2013, 5, 3538.	2.7	40
26	Polymeric ionic liquid open tubular capillary column for on-line in-tube SPME coupled with UHPLC-MS/MS to determine endocannabinoids in plasma samples. <i>Analytica Chimica Acta</i> , 2019, 1045, 108-116.	5.4	40
27	Rifampicin determination in plasma by stir bar-sorptive extraction and liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 51, 1078-1083.	2.8	39
28	Determination of drugs in plasma samples by disposable pipette extraction with C18-BSA phase and liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 139, 116-124.	2.8	39
29	Simultaneous determination of amino acids and neurotransmitters in plasma samples from schizophrenic patients by hydrophilic interaction liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2015, 38, 780-787.	2.5	37
30	Determination of parabens in urine samples by microextraction using packed sorbent and ultra-performance liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 974, 35-41.	2.3	37
31	Immunoaffinity in-tube solid phase microextraction coupled with liquid chromatography with fluorescence detection for determination of interferon $\beta$ in plasma samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 928, 37-43.	2.3	36
32	Simultaneous Determination of Nontricyclic Antidepressants in Human Plasma by Solid-Phase Microextraction and Liquid Chromatography (SPME-LC). <i>Journal of Analytical Toxicology</i> , 2007, 31, 313-320.	2.8	34
33	Determination of Drugs in Plasma Samples by High-Performance Liquid Chromatography-Tandem Mass Spectrometry for Therapeutic Drug Monitoring of Schizophrenic Patients. <i>Journal of Analytical Toxicology</i> , 2016, 40, bk107.	2.8	34
34	Selective solid-phase extraction using molecularly imprinted polymers for analysis of venlafaxine, O-desmethylvenlafaxine, and N-desmethylvenlafaxine in plasma samples by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1458, 46-53.	3.7	34
35	Bisphenol A release from orthodontic adhesives measured <i>in vitro</i> and <i>in vivo</i> with gas chromatography. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2017, 151, 477-483.	1.7	34
36	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. <i>Analytica Chimica Acta</i> , 2020, 1099, 145-154.	5.4	34

#	ARTICLE	IF	CITATIONS
37	A column switching ultrahigh-performance liquid chromatography-tandem mass spectrometry method to determine anandamide and 2-arachidonoylglycerol in plasma samples. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3587-3596.	3.7	33
38	Automated determination of rifampicin in plasma samples by in-tube solid-phase microextraction coupled with liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2454-2458.	2.3	31
39	Pipette tip dummy molecularly imprinted solid-phase extraction of Bisphenol A from urine samples and analysis by gas chromatography coupled to mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1067, 25-33.	2.3	31
40	Analysis of drugs in plasma samples from schizophrenic patients by column-switching liquid chromatography-tandem mass spectrometry with organic-inorganic hybrid cyanopropyl monolithic column. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 993-994, 26-35.	2.3	30
41	Oral Cannabidiol Does Not Convert to $\Delta^8$ -THC or $\Delta^9$ -THC in Humans: A Pharmacokinetic Study in Healthy Subjects. <i>Cannabis and Cannabinoid Research</i> , 2020, 5, 89-98.	2.9	30
42	Jacobsen catalyst as a P450 biomimetic model for the oxidation of an antiepileptic drug. <i>Journal of Molecular Catalysis A</i> , 2007, 273, 259-264.	4.8	28
43	Determination of amitraz in canine plasma by solid-phase microextraction-gas chromatography with thermionic specific detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 794, 337-342.	2.3	27
44	The development of a new disposable pipette extraction phase based on polyaniline composites for the determination of levels of antidepressants in plasma samples. <i>Journal of Chromatography A</i> , 2015, 1399, 1-7.	3.7	27
45	Seed oil extraction with supercritical carbon dioxide modified with pentane. <i>Chromatographia</i> , 1994, 39, 687-692.	1.3	26
46	Primidone oxidation catalyzed by metalloporphyrins and Jacobsen catalyst. <i>Journal of Molecular Catalysis A</i> , 2008, 296, 54-60.	4.8	26
47	Automated analysis of lidocaine and its metabolite in plasma by in-tube solid-phase microextraction coupled with LC-UV for pharmacokinetic study. <i>Journal of Separation Science</i> , 2012, 35, 734-741.	2.5	25
48	Determination of Diazepam in Human Plasma by Solid-Phase Microextraction and Capillary Gas Chromatography-Mass Spectrometry. <i>Chromatographia</i> , 2005, 62, 215-219.	1.3	24
49	Fast separation of selective serotonin reuptake inhibitors antidepressants in plasma sample by nonaqueous capillary electrophoresis. <i>Journal of Chromatography A</i> , 2009, 1216, 5779-5782.	3.7	24
50	Simultaneous Plasma Lamotrigine Analysis with Carbamazepine, Carbamazepine 10,11 Epoxide, Primidone, Phenytoin, Phenobarbital, and PEMA by Micellar Electrokinetic Capillary Chromatography (MECC). <i>Journal of Analytical Toxicology</i> , 2003, 27, 304-308.	2.8	23
51	Butyl Methacrylate-Co-Ethylene Glycol Dimethacrylate Monolith for Online in-Tube SPME-UHPLC-MS/MS to Determine Chlorpromazine, Clozapine, Quetiapine, Olanzapine, and Their Metabolites in Plasma Samples. <i>Molecules</i> , 2019, 24, 310.	3.8	23
52	Solid-phase microextraction-liquid chromatography (SPME-LC) determination of lamotrigine simultaneously with carbamazepine and carbamazepine 10,11-epoxide in human plasma. <i>Journal of Separation Science</i> , 2002, 25, 91-95.	2.5	22
53	Rimonabant effects on anxiety induced by simulated public speaking in healthy humans: a preliminary report. <i>Human Psychopharmacology</i> , 2014, 29, 94-99.	1.5	22
54	Analysis of endocannabinoids in plasma samples by biocompatible solid-phase microextraction devices coupled to mass spectrometry. <i>Analytica Chimica Acta</i> , 2019, 1091, 135-145.	5.4	22

#	ARTICLE	IF	CITATIONS
55	Innovative extraction materials for fiber-in-tube solid phase microextraction: A review. <i>Analytica Chimica Acta</i> , 2021, 1165, 238110.	5.4	22
56	Evaluation of comprehensive two-dimensional gas chromatography coupled to rapid scanning quadrupole mass spectrometry for quantitative analysis. <i>Journal of Chromatography A</i> , 2012, 1255, 177-183.	3.7	21
57	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. <i>Microchemical Journal</i> , 2020, 157, 105106.	4.5	21
58	Recent development of chromatographic methods to determine parabens in breast milk samples: A review. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1093-1094, 82-90.	2.3	20
59	A Dual Ligand Sol-Gel Organic-Silica Hybrid Monolithic Capillary for In-Tube SPME-MS/MS to Determine Amino Acids in Plasma Samples. <i>Molecules</i> , 2019, 24, 1658.	3.8	19
60	Microextraction in Packed Sorbent for the Determination of Pesticides in Honey Samples by Gas Chromatography Coupled to Mass Spectrometry. <i>Journal of Chromatographic Science</i> , 2013, 51, 899-904.	1.4	18
61	Novel materials as capillary coatings for in-tube solid-phase microextraction for bioanalysis. <i>Journal of Separation Science</i> , 2021, 44, 1662-1693.	2.5	16
62	Evaluation of solid-phase microextraction using a polythiophene film and liquid chromatography with spectrophotometric detection for the determination of antidepressants in plasma samples. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 57-64.	0.6	15
63	Comparison of high-resolution gas chromatography and high-performance liquid chromatography for simultaneous determination of lamotrigine and carbamazepine in plasma. <i>Chromatographia</i> , 2001, 53, 485-489.	1.3	14
64	COMPARISON BETWEEN SOLID-PHASE EXTRACTION METHODS FOR THE CHROMATOGRAPHIC DETERMINATION OF ORGANOPHOSPHORUS PESTICIDES IN WATER. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2001, 36, 517-527.	1.5	14
65	Tunable Silver-Containing Stationary Phases for Multidimensional Gas Chromatography. <i>Analytical Chemistry</i> , 2019, 91, 4969-4974.	6.5	14
66	Endocannabinoid levels in patients with Parkinson's disease with and without levodopa-induced dyskinesias. <i>Journal of Neural Transmission</i> , 2020, 127, 1359-1367.	2.8	13
67	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. <i>Journal of Chromatography A</i> , 2021, 1636, 461766.	3.7	13
68	Análise de fármacos em material biológico: acoplamento microextração em fase sólida "no tubo" e cromatografia líquida de alta eficiência. <i>Química Nova</i> , 2005, 28, 880-886.	0.3	12
69	Column switching UHPLC-MS/MS with restricted access material for the determination of CNS drugs in plasma samples. <i>Bioanalysis</i> , 2017, 9, 555-568.	1.5	12
70	Lab-made solid phase microextraction phases for off line extraction and direct mass spectrometry analysis: Evaluating the extraction parameters. <i>Journal of Chromatography A</i> , 2019, 1603, 23-32.	3.7	11
71	Restricted access carbon nanotube for microextraction by packed sorbent to determine antipsychotics in plasma samples by high-performance liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 2465-2475.	3.7	11
72	Current advances and applications of online sample preparation techniques for miniaturized liquid chromatography systems. <i>Journal of Chromatography A</i> , 2022, 1668, 462925.	3.7	11

#	ARTICLE	IF	CITATIONS
73	Simplex optimization of extraction of soybean oil by supercritical pentane. <i>Chromatographia</i> , 1995, 40, 421-424.	1.3	10
74	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. <i>Analytica Chimica Acta</i> , 2022, 1193, 339394.	5.4	10
75	Extração sortiva em barra de agitação para análise de fármacos em fluidos biológicos. <i>Química Nova</i> , 2008, 31, 1814-1819.	0.3	9
76	MICROEXTRACTION IN PACKED SORBENT FOR ANALYSIS OF SULFONAMIDES IN POULTRY LITTER WASTEWATER SAMPLES BY LIQUID CHROMATOGRAPHY AND SPECTROPHOTOMETRIC DETECTION. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 2377-2388.	1.0	9
77	Pipette tip micro-solid phase extraction (octyl-functionalized hybrid silica monolith) and ultra-high-performance liquid chromatography-tandem mass spectrometry to determine cannabidiol and tetrahydrocannabinol in plasma samples. <i>Journal of Separation Science</i> , 2021, 44, 1621-1632.	2.5	9
78	Extração em ponteiros descartáveis: fundamentos teóricos e aplicações. <i>Scientia Chromatographica</i> , 2015, 7, 101-108.	0.2	9
79	Behavior of triazines upon $\hat{I}^3$ -irradiation. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1995, 199, 395-403.	1.5	8
80	Possible Interactions Between 5-HT <sub>2A</sub> Receptors and the Endocannabinoid System in Humans. <i>Journal of Clinical Psychopharmacology</i> , 2018, 38, 644-646.	1.4	8
81	Enantioselective analysis of fluoxetine and norfluoxetine in plasma samples by protein precipitation and liquid chromatography with fluorescence detection. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 1221-1228.	0.6	8
82	Evaluation of superficially porous and fully porous columns for analysis of drugs in plasma samples by UHPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1048, 1-9.	2.3	7
83	Schizophrenia: recent advances in LC-MS/MS methods to determine antipsychotic drugs in biological samples. <i>Bioanalysis</i> , 2019, 11, 215-231.	1.5	7
84	Determination of Parabens in Breast Milk Samples by Dispersive Liquid-Liquid Microextraction (DLLME) and Ultra-High-Performance Liquid Chromatography Tandem Mass Spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	5
85	Recent advances in column switching high-performance liquid chromatography for bioanalysis. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 21, 100431.	3.3	5
86	Co-cultivation of plant cells as a technique for the elicitation of secondary metabolite production. <i>Plant Cell, Tissue and Organ Culture</i> , 2000, 60, 165-169.	2.3	4
87	Analytical methods for the determination of alachlor, metolachlor, simazine and atrazine mobility in soils. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2000, 35, 467-476.	1.5	4
88	Safety Measures in the Application of Organophosphate Insecticides on Staked Tomato Crops Using Draggged Hoses. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2002, 68, 490-494.	2.7	4
89	Determination of anandamide in cerebrospinal fluid samples by disposable pipette extraction and ultra-high performance liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1130-1131, 121809.	2.3	4
90	Restricted access media. , 2020, , 129-149.		3

#	ARTICLE	IF	CITATIONS
91	Recentes avanços da in-tube SPME-LC para bioanálises. <i>Scientia Chromatographica</i> , 2013, 5, 167-179.	0.2	3
92	Risk of Intoxication with Sulfluramid in a Packing Plant of Mirex-S. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1999, 62, 515-519.	2.7	2
93	Microextraction in packed sorbent for determination of sulfonamides in egg samples by liquid chromatography and spectrophotometric detection. <i>Journal of the Brazilian Chemical Society</i> , 2011, , .	0.6	2
94	Development of Molecularly Imprinted Polymers for Solid Phase Extraction of Parabens in Plasma Samples and Analysis by UHPLC-MS/MS. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	2
95	Association between polymorphisms in genes encoding estrogen receptors (ESR1 and ESR2) and excreted bisphenol A levels after orthodontic bracket bonding: a preliminary study. <i>Progress in Orthodontics</i> , 2018, 19, 19.	3.5	2
96	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1158, 122351.	2.3	2
97	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. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	2
98	HRGC study of sorption and desorption of atrazine, ametryn and metolachlor on Brazilian soils. <i>Journal of the Brazilian Chemical Society</i> , 1997, 8, 1.	0.6	1
99	TRITERPENES AND PHENOLICS IN CALLUS OF MAYTENUS AQUIFOLIUM MART.. <i>Acta Horticulturae</i> , 1999, , 363-368.	0.2	0
100	Circulating Endocannabinoids in Huntington's Disease: An Exploratory Cross-Sectional Study. <i>Journal of Huntington's Disease</i> , 2022, , 1-5.	1.9	0