

# Christian Fernandes

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61  
papers

1,100  
citations

19  
h-index

32  
g-index

69  
ext. papers

1,328  
ext. citations

3.9  
avg, IF

4.74  
L-index

#	Paper	IF	Citations
61	Magnetic solid phase extraction for determination of drugs in biological matrices. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2017</b> , 89, 41-52	14.6	136
60	Pesticides in honey: A review on chromatographic analytical methods. <i>Talanta</i> , <b>2016</b> , 149, 124-141	6.2	113
59	Multiclass method for pesticides quantification in honey by means of modified QuEChERS and UHPLC-MS/MS. <i>Food Chemistry</i> , <b>2016</b> , 211, 130-9	8.5	61
58	Quinolones and tetracyclines in aquaculture fish by a simple and rapid LC-MS/MS method. <i>Food Chemistry</i> , <b>2018</b> , 245, 1232-1238	8.5	52
57	Analysis of tricyclic antidepressant drugs in plasma by means of solid-phase microextraction-liquid chromatography-mass spectrometry. <i>Journal of Mass Spectrometry</i> , <b>2007</b> , 42, 1342-7	2.2	51
56	Solid-phase microextraction-liquid chromatography (SPME-LC) determination of fluoxetine and norfluoxetine in plasma using a heated liquid flow through interface. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2007</b> , 847, 217-23	3.2	48
55	Determination of fluoxetine in plasma by gas chromatography-mass spectrometry using stir bar sorptive extraction. <i>Analytica Chimica Acta</i> , <b>2008</b> , 614, 201-7	6.6	47
54	Magnetic solid-phase extraction based on mesoporous silica-coated magnetic nanoparticles for analysis of oral antidiabetic drugs in human plasma. <i>Materials Science and Engineering C</i> , <b>2014</b> , 40, 275-80	8.3	46
53	Stir Bar Sorptive Extraction-LC-MS for the Analysis of Fluoxetine in Plasma. <i>Chromatographia</i> , <b>2006</b> , 64, 517-521	2.1	38
52	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> , <b>2006</b> , 44, 340-6	1.4	37
51	A simple, fast and sensitive screening LC-ESI-MS/MS method for antibiotics in fish. <i>Talanta</i> , <b>2017</b> , 163, 85-93	6.2	36
50	Automated microcolumn-switching system for drug analysis by direct injection of human plasma. <i>Journal of Chromatography A</i> , <b>2006</b> , 1105, 71-6	4.5	36
49	Advances on the chromatographic determination of amphenicols in food. <i>Talanta</i> , <b>2017</b> , 162, 324-338	6.2	34
48	Quality assurance of histamine analysis in fresh and canned fish. <i>Food Chemistry</i> , <b>2016</b> , 211, 100-6	8.5	29
47	Rapid determination of bisphosphonates by ion chromatography with indirect UV detection. <i>Journal of Chromatographic Science</i> , <b>2007</b> , 45, 236-41	1.4	26
46	Fluoxetine and norfluoxetine analysis by direct injection of human plasma in a column switching liquid chromatographic system. <i>Journal of Separation Science</i> , <b>2008</b> , 31, 78-85	3.4	23
45	A comprehensive stability-indicating HPLC method for determination of chloroquine in active pharmaceutical ingredient and tablets: Identification of oxidation impurities. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2017</b> , 145, 248-254	3.5	20

44	Rapid and direct analysis of statins in human plasma by column-switching liquid chromatography with restricted-access material. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2014</b> , 947-948, 8-16	3.2	20
43	Synephrine - A potential biomarker for orange honey authenticity. <i>Food Chemistry</i> , <b>2017</b> , 229, 527-533	8.5	19
42	Vincristine-loaded hydroxyapatite nanoparticles as a potential delivery system for bone cancer therapy. <i>Journal of Drug Targeting</i> , <b>2018</b> , 26, 592-603	5.4	19
41	Development of an improved heated interface for coupling solid-phase microextraction to high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2006</b> , 1105, 208-12	4.5	18
40	Simultaneous determination of oral antidiabetic drugs in human plasma using microextraction by packed sorbent and high-performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 96, 241-8	3.5	17
39	A simple and rapid LC-MS/MS method for the determination of amphenicols in Nile tilapia. <i>Food Chemistry</i> , <b>2018</b> , 262, 235-241	8.5	16
38	Molecularly imprinted polymer for determination of lumefantrine in human plasma through chemometric-assisted solid-phase extraction and liquid chromatography. <i>Talanta</i> , <b>2018</b> , 184, 173-183	6.2	16
37	Bisfosfonatos: s <sup>ntese</sup> , an <sup>lises</sup> qu <sup>nticas</sup> e aplica <sup>oes</sup> farmacol <sup>gicas</sup> . <i>Quimica Nova</i> , <b>2005</b> , 28, 274-280.6	8.6	15
36	Synthesis and characterization of a molecularly imprinted polymer (MIP) for solid-phase extraction of the antidiabetic gliclazide from human plasma. <i>Materials Science and Engineering C</i> , <b>2020</b> , 116, 111191 <sup>8.3</sup>	8.3	13
35	Dissolution test for lamivudine tablets: optimization and statistical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2006</b> , 42, 601-6	3.5	8
34	LC-MS/MS determination of chloramphenicol in food of animal origin in Brazil. <i>Scientia Chromatographica</i> , <b>2015</b> , 7, 287-295	1	8
33	Enhancing the solubility and permeability of the diuretic drug furosemide via multicomponent crystal forms. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 587, 119694	6.5	8
32	Effect of ripening time on proteolysis, free amino acids, bioactive amines and texture profile of Gorgonzola-type cheese. <i>LWT - Food Science and Technology</i> , <b>2018</b> , 98, 583-590	5.4	8
31	UPLC-UV Method for the Quantification of Free Amino Acids, Bioactive Amines, and Ammonia in Fresh, Cooked, and Canned Mushrooms. <i>Food Analytical Methods</i> , <b>2020</b> , 13, 1613-1626	3.4	7
30	Racemic Salts and Solid Solutions of Enantiomers of the Antihypertensive Drug Carvedilol. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 4498-4509	3.5	6
29	Stability-indicating UHPLC method for determination of nevirapine in its bulk form and tablets: identification of impurities and degradation kinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2016</b> , 126, 103-8	3.5	6
28	Quantitative determination of the antimalarials artemether and lumefantrine in biological samples: A review. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2019</b> , 165, 304-314	3.5	6
27	Encapsulation of trans-aconitic acid in mucoadhesive microspheres prolongs the anti-inflammatory effect in LPS-induced acute arthritis. <i>European Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 119, 112-120	5.1	5

26	Level A in vitro-in vivo correlation: Application to establish a dissolution test for artemether and lumefantrine tablets. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 155, 262-269	3.5	5
25	Simultaneous Quantitation of Amlodipine Besylate and Olmesartan Medoxomil in Fixed-Dose Combination Tablets: HPLC-DAD Versus UHPLC-DAD. <i>Journal of Chromatographic Science</i> , <b>2018</b> , 56, 344-350	1.4	4
24	Kinetics of Lumefantrine Thermal Decomposition Employing Isoconversional Models and Artificial Neural Network. <i>Journal of the Brazilian Chemical Society</i> , <b>2020</b> ,	1.5	4
23	An Easy and Rapid Spectrophotometric Method for Determination of Chloroquine Diphosphate in Tablets. <i>Current Pharmaceutical Analysis</i> , <b>2019</b> , 16, 5-11	0.6	4
22	PARÂMETROS DE DESEMPENHO EM MÓDULO UHPLC-UV PARA QUANTIFICAÇÃO DE AMINOÁCIDOS LIVRES E AMINAS BIOATIVAS EM QUEIJOS MUSSARELA, PRATO, PARMESÃO E GORGONZOLA. <i>Revista Do Instituto De Laticínios Cândido Tostes</i> , <b>2017</b> , 72, 192-204	3	3
21	Liposomes Containing Gadodiamide: Preparation, Physicochemical Characterization, and In Vitro Cytotoxic Evaluation. <i>Current Drug Delivery</i> , <b>2017</b> , 14, 566-574	3.2	3
20	Formulation of Amphotericin B in PEGylated Liposomes for Improved Treatment of Cutaneous Leishmaniasis by Parenteral and Oral Routes. <i>Pharmaceutics</i> , <b>2022</b> , 14, 989	6.4	3
19	Novel self-nanoemulsifying drug-delivery system enhances antileukemic properties of all- retinoic acid. <i>Nanomedicine</i> , <b>2020</b> , 15, 1471-1486	5.6	2
18	Development and Validation of a High Performance Liquid Chromatographic Method for Determination of Bimatoprost in Chitosan-Based Ocular Inserts. <i>Analytical Letters</i> , <b>2015</b> , 48, 531-540	2.2	2
17	Microextraction by packed sorbent and high performance liquid chromatography for simultaneous determination of lumefantrine and desbutyl-lumefantrine in plasma samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2020</b> , 190, 113486	3.5	2
16	Multilayer perceptron network and Vyazovkin method applied to the non-isothermal kinetic study of the interaction between lumefantrine and molecularly imprinted polymer. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2021</b> , 145, 2441-2449	4.1	2
15	Simultaneous quantification of ethylene glycol and diethylene glycol in beer by gas chromatography coupled to mass spectrometry. <i>Food Chemistry</i> , <b>2021</b> , 346, 128871	8.5	2
14	Multicomponent ionic crystals of diltiazem with dicarboxylic acids toward understanding the structural aspects driving the drug-release. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 605, 120790	6.5	2
13	Development and validation of high performance liquid chromatographic and derivative spectrophotometric methods for determination of gadodiamide in liposomal formulations. <i>Analytical Methods</i> , <b>2015</b> , 7, 8315-8325	3.2	1
12	A simple and sensitive HPLC-FL method for simultaneous determination of angiotensin II receptor antagonists in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2020</b> , 188, 113403	3.5	1
11	Rapid Simultaneous Separation of Four Oral Antidiabetic Drugs and Quantitative Determination of Glibenclamide Using Conventional and Fused-Core Silica Columns. <i>Journal of AOAC INTERNATIONAL</i> , <b>2017</b> , 100, 1420-1427	1.7	1
10	Chiral Method by Normal Phase HPLC-UV for Quantitation of Lumefantrine Enantiomers in Tablet Formulations. <i>Chromatographia</i> , <b>2019</b> , 82, 1759-1766	2.1	1
9	Matrix effect on the analysis of amphenicols in fish by liquid chromatography-tandem mass spectrometry (LC-MS/MS). <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 575, 012036	0.3	1

8	Lumefantrine Comparative Study: Single Crystal, Powder X-Ray Diffraction, Hirshfeld Surface, and Thermal Analysis. <i>Journal of Structural Chemistry</i> , <b>2020</b> , 61, 151-159	0.9	1
7	UHPLC for quality evaluation of genuine and illegal medicines containing sildenafil citrate and tadalafil. <i>Journal of Chromatographic Science</i> , <b>2021</b> , 59, 30-39	1.4	1
6	Preparation and characterization of gadolinium-based thermosensitive liposomes: A potential nanosystem for selective drug delivery to cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , <b>2021</b> , 65, 102686	4.5	1
5	Síntese e caracterização de MIP com fenilalanina visando sua aplicação na técnica de SPE. <i>Polimeros</i> , <b>2015</b> , 25, 596-605	1.6	0
4	Quantitative Analysis of 5-Hydroxymethylfurfural in Linezolid Injection by High Performance Liquid Chromatography. <i>Current Pharmaceutical Analysis</i> , <b>2020</b> , 16, 1059-1067	0.6	0
3	pH-sensitive doxorubicin-tocopherol succinate prodrug encapsulated in docosahexaenoic acid-based nanostructured lipid carriers: An effective strategy to improve pharmacokinetics and reduce toxic effects. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 144, 112373	7.5	0
2	Chromatographic bioanalysis of antiglaucoma drugs in ocular tissues. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2021</b> , 1166, 122388	3.2	
1	Vortex-assisted liquid-liquid microextraction combined with liquid chromatography tandem mass spectrometry for simultaneous determination of cardiovascular drugs in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2022</b> , 114845	3.5	