

# Christian Fernandes

## List of Publications by Year in descending order

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69  
papers

1,539  
citations

331259

21  
h-index

329751

37  
g-index

69  
all docs

69  
docs citations

69  
times ranked

2000  
citing authors

#	ARTICLE	IF	CITATIONS
1	Formulation of Amphotericin B in PEGylated Liposomes for Improved Treatment of Cutaneous Leishmaniasis by Parenteral and Oral Routes. <i>Pharmaceutics</i> , 2022, 14, 989.	2.0	14
2	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> , 2022, 217, 114845.	1.4	1
3	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> , 2021, 145, 2441-2449.	2.0	6
4	Chromatographic bioanalysis of antiglaucoma drugs in ocular tissues. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1166, 122388.	1.2	2
5	Simultaneous quantification of ethylene glycol and diethylene glycol in beer by gas chromatography coupled to mass spectrometry. <i>Food Chemistry</i> , 2021, 346, 128871.	4.2	4
6	UHPLC for quality evaluation of genuine and illegal medicines containing sildenafil citrate and tadalafil. <i>Journal of Chromatographic Science</i> , 2021, 59, 30-39.	0.7	3
7	Multicomponent ionic crystals of diltiazem with dicarboxylic acids toward understanding the structural aspects driving the drug-release. <i>International Journal of Pharmaceutics</i> , 2021, 605, 120790.	2.6	8
8	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> , 2021, 65, 102686.	1.4	5
9	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> , 2021, 144, 112373.	2.5	8
10	Rapid stability-indicating UHPLC method for determination of lamivudine and tenofovir disoproxil fumarate in fixed-dose combination tablets. <i>Drug Analytical Research</i> , 2021, 5, 17-24.	0.2	0
11	Enhancing the solubility and permeability of the diuretic drug furosemide via multicomponent crystal forms. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119694.	2.6	19
12	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> , 2020, 190, 113486.	1.4	4
13	Lumefantrine Comparative Study: Single Crystal, Powder X-Ray Diffraction, Hirshfeld Surface, and Thermal Analysis. <i>Journal of Structural Chemistry</i> , 2020, 61, 151-159.	0.3	2
14	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> , 2020, 13, 1613-1626.	1.3	14
15	Novel self-nanoemulsifying drug-delivery system enhances antileukemic properties of all- <i>trans</i> retinoic acid. <i>Nanomedicine</i> , 2020, 15, 1471-1486.	1.7	6
16	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> , 2020, 116, 111191.	3.8	24
17	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> , 2020, 188, 113403.	1.4	2
18	Quantification of 6-gingerol, metabolomic analysis by paper spray mass spectrometry and determination of antioxidant activity of ginger rhizomes ( <i>Zingiber officinale</i> ). <i>Research, Society and Development</i> , 2020, 9, e366984822.	0.0	7

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19	EVOLUÇÃO DA LEGISLAÇÃO E DAS TÉCNICAS ANALÍTICAS APLICADAS A ESTUDOS DE ESTABILIDADE DE INSUMOS E PRODUTOS FARMACÊUTICOS. <i>Química Nova</i> , 2020, , .	0.3	0
20	Quantitative Analysis of 5-Hydroxymethylfurfural in Linezolid Injection by High Performance Liquid Chromatography. <i>Current Pharmaceutical Analysis</i> , 2020, 16, 1059-1067.	0.3	1
21	Racemic Salts and Solid Solutions of Enantiomers of the Antihypertensive Drug Carvedilol. <i>Crystal Growth and Design</i> , 2019, 19, 4498-4509.	1.4	11
22	Chiral Method by Normal Phase HPLC-UV for Quantitation of Lumefantrine Enantiomers in Tablet Formulations. <i>Chromatographia</i> , 2019, 82, 1759-1766.	0.7	1
23	An Easy and Rapid Spectrophotometric Method for Determination of Chloroquine Diphosphate in Tablets. <i>Current Pharmaceutical Analysis</i> , 2019, 16, 5-11.	0.3	7
24	Quantitative determination of the antimalarials artemether and lumefantrine in biological samples: A review. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 165, 304-314.	1.4	6
25	BIOANALYTICAL METHOD BY COLUMN-SWITCHING WITH DIRECT INJECTION OF HUMAN PLASMA FOR DETERMINATION OF SULPHONYLUREAS. <i>Drug Analytical Research</i> , 2019, 3, 16-22.	0.2	1
26	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> , 2018, 119, 112-120.	1.9	15
27	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> , 2018, 155, 262-269.	1.4	6
28	Simultaneous Quantitation of Amlodipine Besylate and Olmesartan Medoxomil in Fixed-Dose Combination Tablets: HPLC-DAD Versus UHPLC-DAD. <i>Journal of Chromatographic Science</i> , 2018, 56, 344-350.	0.7	6
29	A simple and rapid LC-MS/MS method for the determination of amphenicols in Nile tilapia. <i>Food Chemistry</i> , 2018, 262, 235-241.	4.2	22
30	Molecularly imprinted polymer for determination of lumefantrine in human plasma through chemometric-assisted solid-phase extraction and liquid chromatography. <i>Talanta</i> , 2018, 184, 173-183.	2.9	18
31	Vincristine-loaded hydroxyapatite nanoparticles as a potential delivery system for bone cancer therapy. <i>Journal of Drug Targeting</i> , 2018, 26, 592-603.	2.1	33
32	Quinolones and tetracyclines in aquaculture fish by a simple and rapid LC-MS/MS method. <i>Food Chemistry</i> , 2018, 245, 1232-1238.	4.2	113
33	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> , 2018, 98, 583-590.	2.5	20
34	Magnetic solid phase extraction for determination of drugs in biological matrices. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 89, 41-52.	5.8	176
35	Synephrine - A potential biomarker for orange honey authenticity. <i>Food Chemistry</i> , 2017, 229, 527-533.	4.2	27
36	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> , 2017, 145, 248-254.	1.4	30

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37	A simple, fast and sensitive screening LC-ESI-MS/MS method for antibiotics in fish. <i>Talanta</i> , 2017, 163, 85-93.	2.9	59
38	Advances on the chromatographic determination of amphenicols in food. <i>Talanta</i> , 2017, 162, 324-338.	2.9	45
39	An innovative, simple, fast, and less toxic high-performance liquid chromatographic method for determination of prednisone in capsules. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2017, 53, .	1.2	0
40	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> , 2017, 100, 1420-1427.	0.7	2
41	PARÂ,METROS DE DESEMPENHO EM MÃ%TODO UHPLC-LIV PARA QUANTIFICAÃžÃfO DE AMINOÃCIDOS LIVRES E AMINAS BIOATIVAS EM QUEIJOS MUSSARELA, PRATO, PARMESÃfO E GORGONZOLA. <i>Revista Do Instituto De LatÃcinios CÃndido Tostes</i> , 2017, 72, 192-204.	0.3	3
42	Liposomes Containing Gadodiamide: Preparation, Physicochemical Characterization, and In Vitro Cytotoxic Evaluation. <i>Current Drug Delivery</i> , 2017, 14, 566-574.	0.8	3
43	Multiclass method for pesticides quantification in honey by means of modified QuEChERS and UHPLCâ€MS/MS. <i>Food Chemistry</i> , 2016, 211, 130-139.	4.2	76
44	Quality assurance of histamine analysis in fresh and canned fish. <i>Food Chemistry</i> , 2016, 211, 100-106.	4.2	46
45	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> , 2016, 126, 103-108.	1.4	10
46	Pesticides in honey: A review on chromatographic analytical methods. <i>Talanta</i> , 2016, 149, 124-141.	2.9	151
47	SÃntese e caracterizaÃ§Ã£o de MIP com fenilalanina visando sua aplicaÃ§Ã£o na tÃ©cnica de SPE. <i>Polimeros</i> , 2015, 25, 596-605.	0.2	4
48	Development and Validation of a High Performance Liquid Chromatographic Method for Determination of Bimatoprost in Chitosan-Based Ocular Inserts. <i>Analytical Letters</i> , 2015, 48, 531-540.	1.0	4
49	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> , 2015, 575, 012036.	0.3	2
50	Development and validation of high performance liquid chromatographic and derivative spectrophotometric methods for determination of gadodiamide in liposomal formulations. <i>Analytical Methods</i> , 2015, 7, 8315-8325.	1.3	2
51	LC-MS/MS determination of chloramphenicol in food of animal origin in Brazil. <i>Scientia Chromatographica</i> , 2015, 7, 287-295.	0.2	12
52	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> , 2014, 947-948, 8-16.	1.2	24
53	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> , 2014, 40, 275-280.	3.8	54
54	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> , 2014, 96, 241-248.	1.4	22

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55	EVALUATION OF ANTIOXIDANT ACTIVITY AND CHROMATOGRAPHIC PROFILE OF EXTRACTS FROM THE FALSE JABORANDI (PIPER ADUNCUM). Revista Eletrônica Em Gestão e Educação e Tecnologia Ambiental, 2012, 6, .	0.0	0
56	Fluoxetine and norfluoxetine analysis by direct injection of human plasma in a column switching liquid chromatographic system. Journal of Separation Science, 2008, 31, 78-85.	1.3	24
57	Determination of fluoxetine in plasma by gas chromatography-mass spectrometry using stir bar sorptive extraction. Analytica Chimica Acta, 2008, 614, 201-207.	2.6	52
58	Rapid Determination of Bisphosphonates by Ion Chromatography with Indirect UV Detection. Journal of Chromatographic Science, 2007, 45, 236-241.	0.7	29
59	Analysis of tricyclic antidepressant drugs in plasma by means of solid-phase microextraction-liquid chromatography-mass spectrometry. Journal of Mass Spectrometry, 2007, 42, 1342-1347.	0.7	56
60	Solid-phase microextraction-liquid chromatography (SPME-LC) determination of fluoxetine and norfluoxetine in plasma using a heated liquid flow through interface. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 847, 217-223.	1.2	51
61	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.	0.7	40
62	Automated microcolumn-switching system for drug analysis by direct injection of human plasma. Journal of Chromatography A, 2006, 1105, 71-76.	1.8	38
63	Development of an improved heated interface for coupling solid-phase microextraction to high-performance liquid chromatography. Journal of Chromatography A, 2006, 1105, 208-212.	1.8	18
64	Dissolution test for lamivudine tablets: Optimization and statistical analysis. Journal of Pharmaceutical and Biomedical Analysis, 2006, 42, 601-606.	1.4	10
65	Stir Bar Sorptive Extraction-LC-MS for the Analysis of Fluoxetine in Plasma. Chromatographia, 2006, 64, 517-521.	0.7	44
66	Bisfosfonatos: síntese, análises químicas e aplicações farmacológicas. Química Nova, 2005, 28, 274-280.	0.3	22
67	Kinetics of Lumefantrine Thermal Decomposition Employing Isoconversional Models and Artificial Neural Network. Journal of the Brazilian Chemical Society, 0, , .	0.6	8
68	Chemometric-Assisted Hydrophilic Interaction Chromatographic Method for the Determination of Gadolinium-Based Magnetic Resonance Imaging Contrast Agent in Liposomes. Journal of the Brazilian Chemical Society, 0, , .	0.6	2
69	Solid-state landscape and biopharmaceutical implications of novel metformin-based salts. New Journal of Chemistry, 0, , .	1.4	4