

Pierre Chaminade

List of Publications by Year in Descending Order

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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.

95 papers	2,236 citations	27 h-index	42 g-index
99 ext. papers	2,457 ext. citations	4.8 avg, IF	4.45 L-index

#	Paper	IF	Citations
95	Rapid assessment of fatty acyls chains of phospholipids and plasmalogens by atmospheric pressure chemical ionization in positive mode and high-resolution mass spectrometry using in-source generated monoacylglycerol like fragments intensities.. <i>Journal of Chromatography A</i> , 2022 , 1673, 463093	4.5	0
94	Mannosylation Of Budesonide Palmitate Nanoprodrugs For Improved Macrophage Targeting. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021 , 170, 112-112	5.7	1
93	Impact of Phosphate Availability on Membrane Lipid Content of the Model Strains, and. <i>Frontiers in Microbiology</i> , 2021 , 12, 623919	5.7	2
92	Rapid assessment of triacylglycerol fatty acyls composition by LC-APPI-HRMS using monoacylglycerol like fragments intensities. <i>Analytica Chimica Acta</i> , 2021 , 1178, 338809	6.6	2
91	New Nanoparticle Formulation for Cyclosporin A: In Vitro Assessment. <i>Pharmaceutics</i> , 2021 , 13,	6.4	3
90	Negative Correlation between Lipid Content and Antibiotic Activity in : General Rule and Exceptions. <i>Antibiotics</i> , 2020 , 9,	4.9	2
89	The Inhibition of Antibiotic Production in Over-Expressing the TetR Regulator SCO3201 IS Correlated With Changes in the Lipidome of the Strain. <i>Frontiers in Microbiology</i> , 2020 , 11, 1399	5.7	4
88	Nanoscale Lipophilic Prodrugs of Dexamethasone with Enhanced Pharmacokinetics. <i>Molecular Pharmaceutics</i> , 2019 , 16, 2999-3010	5.6	10
87	Hybrid Lipid Polymer Nanoparticles for Combined Chemo- and Photodynamic Therapy. <i>Molecular Pharmaceutics</i> , 2019 , 16, 4045-4058	5.6	10
86	Investigation of lipid modifications in J774 macrophages by vibrational spectroscopies after eicosapentaenoic acid membrane incorporation in unloaded and cholesterol-loaded cells. <i>Talanta</i> , 2019 , 199, 54-64	6.2	5
85	Dexamethasone palmitate nanoparticles: An efficient treatment for rheumatoid arthritis. <i>Journal of Controlled Release</i> , 2019 , 296, 179-189	11.7	36
84	Rapid analysis of glutamate, glutamine and GABA in mice frontal cortex microdialysis samples using HPLC coupled to electrospray tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 152, 31-38	3.5	20
83	Optimization of classification and regression analysis of four monoclonal antibodies from Raman spectra using collaborative machine learning approach. <i>Talanta</i> , 2018 , 184, 260-265	6.2	7
82	Lipid Analysis with the Corona CAD 2017 , 221-287		
81	Mycophenolate Mofetil and Rapamycin Induce Apoptosis in the Human Monocytic U937 Cell Line Through Two Different Pathways. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 3480-3487	4.7	2
80	Single-Step Rapid Diagnosis of Dopamine and Serotonin Metabolism Disorders. <i>ACS Omega</i> , 2017 , 2, 5962-5972	3.9	7
79	Eicosapentaenoic acid membrane incorporation impairs cholesterol efflux from cholesterol-loaded human macrophages by reducing the cholesteryl ester mobilization from lipid droplets. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017 , 1862, 1079-1091	5	9

78	Optimization of normal phase chromatographic conditions for lipid analysis and comparison of associated detection techniques. <i>Journal of Chromatography A</i> , 2017 , 1514, 54-71	4.5	30
77	Towards a semiquantitative non invasive characterisation of Tyrian purple dye composition: Convergence of UV-Visible reflectance spectroscopy and fast-high temperature-high performance liquid chromatography with photodiode array detection. <i>Analytica Chimica Acta</i> , 2016 , 926, 17-27	6.6	6
76	Etablissement du profil chromatographique liquide non aqueux des métabolites phytochimiques apolaires des phytomédicaments. <i>Comptes Rendus Chimie</i> , 2016 , 19, 863-875	2.7	
75	Electrospray mass spectrometry as a tool to characterize phospholipid composition of plant cakes. <i>European Journal of Lipid Science and Technology</i> , 2016 , 118, 1282-1292	3	5
74	A study of inter-species ion suppression in electrospray ionization-mass spectrometry of some phospholipid classes. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 1453-65	4.4	15
73	Hyaluronic acid liposomal gel sustains delivery of a corticoid to the inner ear. <i>Journal of Controlled Release</i> , 2016 , 226, 248-57	11.7	47
72	Alternative solvents for improving the greenness of normal phase liquid chromatography of lipid classes. <i>Journal of Chromatography A</i> , 2016 , 1464, 55-63	4.5	13
71	Artificial plasma membrane models based on lipidomic profiling. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016 , 1858, 2725-2736	3.8	11
70	Sex-specific cardiac cardiolipin remodelling after doxorubicin treatment. <i>Biology of Sex Differences</i> , 2015 , 6, 20	9.3	27
69	Lipophilicity of porphyrins and their retention in IAM, C8-C18 and HILIC chromatographic systems. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 114, 227-40	3.5	3
68	Sitamaquine-resistance in <i>Leishmania donovani</i> affects drug accumulation and lipid metabolism. <i>Biomedicine and Pharmacotherapy</i> , 2014 , 68, 893-7	7.5	9
67	Establishing high temperature gas chromatographic profiles of non-polar metabolites for quality assessment of African traditional herbal medicinal products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 88, 542-51	3.5	4
66	Development of antileishmanial lipid nanocomplexes. <i>Biochimie</i> , 2014 , 107 Pt A, 143-53	4.6	13
65	Comparative static curing versus dynamic curing on tablet coating structures. <i>International Journal of Pharmaceutics</i> , 2013 , 453, 448-53	6.5	11
64	Plasma distribution of tetraphenylporphyrin derivatives relevant for Photodynamic Therapy: importance and limits of hydrophobicity. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013 , 83, 244-52	5.7	16
63	Identification of phospholipid species affected by miltefosine action in <i>Leishmania donovani</i> cultures using LC-ELSD, LC-ESI/MS, and multivariate data analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 402, 1169-82	4.4	51
62	Comprehensive study of dynamic curing effect on tablet coating structure. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 81, 657-65	5.7	24
61	Atmospheric pressure photoionization as a powerful tool for large-scale lipidomic studies. <i>Journal of the American Society for Mass Spectrometry</i> , 2012 , 23, 869-79	3.5	20

60	Comparison of electrospray ionization, atmospheric pressure chemical ionization and atmospheric pressure photoionization for a lipidomic analysis of <i>Leishmania donovani</i> . <i>Journal of Chromatography A</i> , 2012 , 1242, 75-83	4.5	40
59	Diprotonation process of meso-tetraphenylporphyrin derivatives designed for photodynamic therapy of cancers: from multivariate curve resolution to predictive QSPR modeling. <i>Analytica Chimica Acta</i> , 2011 , 705, 306-14	6.6	10
58	Membrane lipidomics for the discovery of new antiparasitic drug targets. <i>Trends in Parasitology</i> , 2011 , 27, 496-504	6.4	13
57	Real-time predictions of drug release and end point detection of a coating operation by in-line near infrared measurements. <i>International Journal of Pharmaceutics</i> , 2011 , 421, 237-43	6.5	44
56	Development of a Process Analytical Technology (PAT) for in-line monitoring of film thickness and mass of coating materials during a pan coating operation. <i>European Journal of Pharmaceutical Sciences</i> , 2011 , 43, 244-50	5.1	53
55	Beads made of alpha-cyclodextrin and vegetable oils: oil composition and physicochemical properties influence bead feasibility and properties. <i>Journal of Drug Delivery Science and Technology</i> , 2011 , 21, 189-194	4.5	9
54	Impact of polyunsaturated fatty acids on oxidized low density lipoprotein-induced U937 cell apoptosis. <i>Journal of Atherosclerosis and Thrombosis</i> , 2011 , 18, 494-503	4	6
53	Mechanism of interaction of sitamaquine with <i>Leishmania donovani</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2010 , 65, 2548-55	5.1	17
52	QUANTITATIVE STUDY OF THE STRATUM CORNEUM LIPID CLASSES BY NORMAL PHASE LIQUID CHROMATOGRAPHY: COMPARISON BETWEEN TWO UNIVERSAL DETECTORS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2010 , 33, 629-644	1.3	14
51	Challenging near infrared spectroscopy discriminating ability for counterfeit pharmaceuticals detection. <i>Analytica Chimica Acta</i> , 2010 , 658, 163-74	6.6	57
50	The performance of PEGylated nanocapsules of perfluorooctyl bromide as an ultrasound contrast agent. <i>Biomaterials</i> , 2010 , 31, 1723-31	15.6	82
49	Phospholipid decoration of microcapsules containing perfluorooctyl bromide used as ultrasound contrast agents. <i>Biomaterials</i> , 2009 , 30, 1462-72	15.6	39
48	Simultaneous quantitation of tobramycin and colistin sulphate by HPLC with evaporative light scattering detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 50, 64-7	3.5	20
47	Near InfraRed Spectroscopy homogeneity evaluation of complex powder blends in a small-scale pharmaceutical preformulation process, a real-life application. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009 , 72, 189-98	5.7	22
46	Mass spectrometry-based metabolomics: accelerating the characterization of discriminating signals by combining statistical correlations and ultrahigh resolution. <i>Analytical Chemistry</i> , 2008 , 80, 4918-32	7.8	77
45	Antifungal canthin-6-one series accumulate in lipid droplets and affect fatty acid metabolism in <i>Saccharomyces cerevisiae</i> . <i>Biomedicine and Pharmacotherapy</i> , 2008 , 62, 99-103	7.5	20
44	Quantification of pegylated phospholipids decorating polymeric microcapsules of perfluorooctyl bromide by reverse phase HPLC with a charged aerosol detector. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 48, 702-7	3.5	33
43	Comparison between charged aerosol detection and light scattering detection for the analysis of <i>Leishmania</i> membrane phospholipids. <i>Journal of Chromatography A</i> , 2008 , 1209, 88-94	4.5	79

42	Assessment of oil polarity: comparison of evaluation methods. <i>International Journal of Pharmaceutics</i> , 2008 , 348, 89-94	6.5	27
41	Enantioselective analysis of the antipsychotic 9-hydroxyrisperidone, main metabolite of risperidone, by chiral capillary EKC using dual CDs. <i>Electrophoresis</i> , 2007 , 28, 2683-92	3.6	18
40	High-temperature micro liquid chromatography for lipid molecular species analysis with evaporative light scattering detection. <i>Journal of Chromatography A</i> , 2007 , 1140, 131-9	4.5	37
39	224 nm Deep-UV laser for native fluorescence, a new opportunity for biomolecules detection. <i>Journal of Chromatography A</i> , 2007 , 1156, 94-100	4.5	10
38	Retention behaviour of polyunsaturated fatty acid methyl esters on porous graphitic carbon. <i>Journal of Chromatography A</i> , 2007 , 1157, 56-64	4.5	11
37	Comparison of universal detectors for high-temperature micro liquid chromatography. <i>Journal of Chromatography A</i> , 2007 , 1170, 52-61	4.5	45
36	MALDI-TOF and cluster-TOF-SIMS imaging of Fabry disease biomarkers. <i>International Journal of Mass Spectrometry</i> , 2007 , 260, 158-165	1.9	89
35	Miltefosine affects lipid metabolism in <i>Leishmania donovani</i> promastigotes. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 1425-30	5.9	122
34	Application of a xenon arc lamp as a light source for evaporative light scattering detection. <i>Analytical and Bioanalytical Chemistry</i> , 2006 , 384, 1302-7	4.4	7
33	Microanalytical systems for separations of stratum corneum ceramides. <i>Journal of Separation Science</i> , 2006 , 29, 390-8	3.4	13
32	Atmospheric pressure photoionization coupled to porous graphitic carbon liquid chromatography for the analysis of globotriaosylceramides. Application to Fabry disease. <i>Journal of Mass Spectrometry</i> , 2006 , 41, 50-8	2.2	27
31	Liquid chromatography on porous graphitic carbon with atmospheric pressure photoionization mass spectrometry and tandem mass spectrometry for the analysis of glycosphingolipids. <i>Journal of Chromatography A</i> , 2006 , 1117, 154-62	4.5	23
30	Near infrared spectroscopy and process analytical technology to master the process of busulfan paediatric capsules in a university hospital. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006 , 41, 1171-8	3.5	27
29	Phospholipid hydrolysis in a pharmaceutical emulsion assessed by physicochemical parameters and a new analytical method. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2005 , 61, 69-76	5.7	31
28	Fluorescence probe assisted post-column detection for lipid analysis in microbore-LC. <i>Journal of Chromatography A</i> , 2005 , 1072, 149-57	4.5	12
27	Modelling of ceramide interactions with porous graphite carbon in non-aqueous liquid chromatography. <i>Journal of Chromatography A</i> , 2005 , 1087, 77-85	4.5	6
26	Fast fingerprinting by MALDI-TOF mass spectrometry of urinary sediment glycosphingolipids in Fabry disease. <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 382, 1209-16	4.4	44
25	Quantification et séparation du globotriaosylcéramide. <i>Medecine/Sciences</i> , 2005 , 21, 51-52		1

24	Apport de l'imagerie par spectrométrie de masse pour l'analyse directe du globotriaosylcéramide et du galabiosylcéramide tissulaires. <i>Medecine/Sciences</i> , 2005 , 21, 55-56		1
23	Retention behaviour of unsaturated fatty acid methyl esters on porous graphitic carbon. <i>Journal of Separation Science</i> , 2004 , 27, 41-6	3-4	8
22	Wheat digalactosyldiacylglycerol molecular species profiling using porous graphitic carbon stationary phase. <i>Journal of Separation Science</i> , 2004 , 27, 1313-22	3-4	13
21	Adaptation of an evaporative light-scattering detector to micro and capillary liquid chromatography and response assessment. <i>Journal of Chromatography A</i> , 2004 , 1051, 43-51	4-5	24
20	Optimisation of the separation of four major neutral glycosphingolipids: application to a rapid and simple detection of urinary globotriaosylceramide in Fabry disease. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 805, 331-7	3-2	18
19	Glycolipid class profiling by packed-column subcritical fluid chromatography. <i>Journal of Chromatography A</i> , 2004 , 1040, 115-21	4-5	26
18	The stenlying effect of high hydrostatic pressure on thermally and hydrolytically labile nanosized carriers. <i>Pharmaceutical Research</i> , 2003 , 20, 674-83	4-5	22
17	The benefit of the retrofitting of a conventional LC system to micro LC: a practical evaluation in the field of bioanalysis with fluorimetric detection. <i>Biomedical Chromatography</i> , 2003 , 17, 297-305	1-7	6
16	Isolation of ceramide fractions from skin sample by subcritical chromatography with packed silica and evaporative light scattering detection. <i>Journal of Chromatography A</i> , 2003 , 1016, 111-21	4-5	25
15	Eluotropic strength in non-aqueous liquid chromatography with porous graphitic carbon. <i>Journal of Chromatography A</i> , 2002 , 973, 61-8	4-5	25
14	Structure-retention diagrams of ceramides established for their identification. <i>Journal of Chromatography A</i> , 2002 , 973, 69-83	4-5	16
13	Mechanism of response enhancement in evaporative light scattering detection with the addition of triethylamine and formic acid. <i>Analyst, The</i> , 2002 , 127, 35-41	5	44
12	Chromatographic methods for ceramide identification. <i>Lipids</i> , 2001 , 36, 1387-8	1-6	
11	Response enhancement for the evaporative light scattering detection for the analysis of lipid classes and molecular species. <i>Chromatographia</i> , 2001 , 54, 607-611	2-1	50
10	Importance of the ionization states of m-THPC for its HPLC fluorescence detection. <i>Luminescence</i> , 2001 , 16, 173-8	2-5	4
9	Structural analysis of commercial ceramides by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2001 , 917, 251-60	4-5	29
8	Assessment of the retention properties of poly(vinyl alcohol) stationary phase for lipid class profiling in liquid chromatography. <i>Journal of Chromatography A</i> , 2001 , 928, 127-37	4-5	39
7	Tamoxifen encapsulation within polyethylene glycol-coated nanospheres. A new antiestrogen formulation. <i>International Journal of Pharmaceutics</i> , 2001 , 214, 37-42	6-5	71

6	A direct sensitized fluorimetric determination of 5,10,15,20-tetra(m-hydroxyphenyl)chlorin [m-THPC (Foscan)] in human plasma using a cyclodextrin inclusion complex. <i>Analyst, The</i> , 2001 , 126, 923-5	14
5	Retention behaviour of ceramides in sub-critical fluid chromatography in comparison with non-aqueous reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2000 , 883, 211-22	4.5 34
4	Near infrared with principal component analysis as a novel analytical approach for nanoparticle technology. <i>Pharmaceutical Research</i> , 2000 , 17, 1124-32	4.5 43
3	IMPROVEMENT OF EVAPORATIVE LIGHT SCATTERING DETECTION OF CERAMIDES USING TRIETHYLAMINE AND FORMIC ACID IN NON-AQUEOUS REVERSED PHASE LIQUID CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2000 , 23, 387-397	1.3 9
2	New polymer-supported catalysts derived from Cinchona alkaloids: Their use in the asymmetric Michael reaction. <i>Tetrahedron Letters</i> , 1999 , 40, 7091-7094	2 57
1	Postcolumn fluorescence as an alternative to evaporative light scattering detection for ceramide analysis with gradient elution in non-aqueous reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 1999 , 859, 99-105	4.5 19