Karen Gaudin

List of Publications by Year
in descending order

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56	1,068	361045	454577
papers	citations	20 h-index	30 g-index

56	56	56	1308
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oligonucleotide Solid Nucleolipid Nanoparticles against Antibiotic Resistance of ESBL-Producing Bacteria. Pharmaceutics, 2022, 14, 299.	2.0	3
2	Nucleoside-Derived Low-Molecular-Weight Gelators as a Synthetic Microenvironment for 3D Cell Culture. ACS Biomaterials Science and Engineering, 2022, 8, 3387-3398.	2.6	2
3	Biomaterials for Three-Dimensional Cell Culture: From Applications in Oncology to Nanotechnology. Nanomaterials, 2021, 11, 481.	1.9	38
4	An analytical study of lipid-oligonucleotide aggregation properties. Journal of Pharmaceutical and Biomedical Analysis, 2021, 205, 114327.	1.4	1
5	Green reversedâ€phase HPLC development strategy: Application to artesunate and amodiaquine analysis. Journal of Separation Science, 2020, 43, 4390-4404.	1.3	6
6	Development of a green HPLC method for the analysis of artesunate and amodiaquine impurities using Quality by Design. Journal of Pharmaceutical and Biomedical Analysis, 2020, 190, 113507.	1.4	25
7	Green Analytical Methods of Antimalarial Artemether-Lumefantrine Analysis for Falsification Detection Using a Low-Cost Handled NIR Spectrometer with DD-SIMCA and Drug Quantification by HPLC. Molecules, 2020, 25, 3397.	1.7	11
8	Analysis of lipid-oligonucleotide conjugates by cyclodextrin-modified capillary zone electrophoresis. Talanta, 2020, 219, 121204.	2.9	5
9	Determination of antifungal caspofungin in RPMI-1640 cell culture medium by column-switching HPLC-FLD. Journal of Pharmaceutical and Biomedical Analysis, 2020, 188, 113366.	1.4	3
10	Chromatographic methods for echinocandin antifungal drugs determination in bioanalysis. Bioanalysis, 2019, 11, 1215-1226.	0.6	5
11	Nucleoside-lipid-based nanocarriers for methylene blue delivery: potential application as anti-malarial drug. RSC Advances, 2019, 9, 18844-18852.	1.7	8
12	Development of Rectodispersible Tablets and Granulate Capsules for the Treatment of Serious Neonatal Sepsis in Developing Countries. Journal of Pharmaceutical Sciences, 2019, 108, 2805-2813.	1.6	5
13	Silver Ions Detection via Nucleolipids Self-Assembly. Analytical Chemistry, 2019, 91, 1692-1695.	3.2	11
14	UHPLC method for multiproduct pharmaceutical analysis by Quality-by-Design. Journal of Pharmaceutical and Biomedical Analysis, 2018, 148, 361-368.	1.4	26
15	Development of rectal self-emulsifying suspension of a moisture-labile water-soluble drug. International Journal of Pharmaceutics, 2018, 536, 283-291.	2.6	23
16	Chromatographic study of nucleoside-lipids by RP-UHPLC-DAD/CAD. Analytical and Bioanalytical Chemistry, 2018, 410, 7711-7721.	1.9	5
17	Ceftriaxone Absorption Enhancement for Noninvasive Administration as an Alternative to Injectable Solutions. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	5
18	Greening Reversed-Phase Liquid Chromatography Methods Using Alternative Solvents for Pharmaceutical Analysis. Molecules, 2018, 23, 1065.	1.7	118

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19	Nucleoside-Lipid-Based Nanocarriers for Sorafenib Delivery. Nanoscale Research Letters, 2018, 13, 17.	3.1	32
20	Preformulation studies of ceftriaxone for pediatric non-parenteral administration as an alternative to existing injectable formulations. European Journal of Pharmaceutical Sciences, 2017, 104, 382-392.	1.9	8
21	Solid Lipid Nanoparticles for Image-Guided Therapy of Atherosclerosis. Bioconjugate Chemistry, 2016, 27, 569-575.	1.8	61
22	Green analytical method development for statin analysis. Journal of Chromatography A, 2015, 1380, 104-111.	1.8	31
23	Analysis of fatty acid samples by hydrophilic interaction liquid chromatography and charged aerosol detector. Journal of Chromatography A, 2015, 1383, 121-126.	1.8	10
24	Development of a solvent-free analytical method for paracetamol quantitative determination in Blood Brain Barrier in vitro model. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 988, 20-24.	1.2	12
25	Using an innovative combination of quality-by-design and green analytical chemistry approaches for the development of a stability indicating UHPLC method in pharmaceutical products. Journal of Pharmaceutical and Biomedical Analysis, 2015, 115, 114-122.	1.4	46
26	Preliminary pharmaceutical development of antimalarialâ€“antibiotic cotherapy as a pre-referral paediatric treatment of fever in malaria endemic areas. International Journal of Pharmaceutics, 2014, 468, 55-63.	2.6	1
27	Pharmaceutical development and optimization of azithromycin suppository for paediatric use. International Journal of Pharmaceutics, 2013, 441, 218-226.	2.6	23
28	Screening paediatric rectal forms of azithromycin as an alternative to oral or injectable treatment. International Journal of Pharmaceutics, 2012, 436, 624-630.	2.6	11
29	Development of NIRS method for quality control of drug combination artesunateâ€“azithromycin for the treatment of severe malaria. Journal of Pharmaceutical and Biomedical Analysis, 2012, 67-68, 10-15.	1.4	6
30	Simultaneous Determination of Artemether and Azithromycin in Suppositories by Reversed Phase HPLC. Analytical Letters, 2011, 44, 2732-2743.	1.0	8
31	The initial pharmaceutical development of an artesunate/amodiaquine oral formulation for the treatment of malaria: a public-private partnership. Malaria Journal, 2011, 10, 142.	0.8	21
32	Fast screening of highly glycosylated plant sphingolipids by tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2011, 25, 3131-3145.	0.7	76
33	Investigation of porous graphitic carbon at high-temperature liquid chromatography with evaporative light scattering detection for the analysis of the drug combination artesunateâ€“Azithromycin for the treatment of severe malaria. Journal of Chromatography A, 2010, 1217, 75-81.	1.8	10
34	Determination of artesunate using reversedâ€phase HPLC at increased temperature and ELSD detection. Journal of Separation Science, 2009, 32, 231-237.	1.3	10
35	Development and validation of a rapid capillary electrophoresis method for the determination of oseltamivir phosphate in TamifluÂ® and generic versions. Journal of Pharmaceutical and Biomedical Analysis, 2009, 50, 544-546.	1.4	23
36	N,Nâ€²-Ethylenebisstearamide Additive in Intravaginal Drug Delivery Device Determined by NP-LC with ELSD. Chromatographia, 2009, 70, 1065-1071.	0.7	1

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37	In vitro release and stability of an artesunate rectal gel suitable for pediatric use. International Journal of Pharmaceutics, 2008, 353, 1-7.	2.6	23
38	Retention behaviour of polyunsaturated fatty acid methyl esters on porous graphitic carbon. Journal of Chromatography A, 2007, 1157, 56-64.	1.8	13
39	Determination of N,Nâ€²-ethylenebisstearamide additive in polymer by normal phase liquid chromatography with evaporative light scattering detection. Journal of Chromatography A, 2007, 1167, 27-34.	1.8	10
40	Stability of artesunate in pharmaceutical solvents. Journal of Pharmaceutical and Biomedical Analysis, 2007, 43, 1019-1024.	1.4	16
41	Development and validation of a capillary electrophoresis method for the determination of sulfate in effervescent tablets. European Journal of Pharmaceutics and Biopharmaceutics, 2006, 64, 33-37.	2.0	6
42	Application of a xenon arc lamp as a light source for evaporative light scattering detection. Analytical and Bioanalytical Chemistry, 2006, 384, 1302-1307.	1.9	7
43	Microanalytical systems for separations of stratum corneum ceramides. Journal of Separation Science, 2006, 29, 390-398.	1.3	15
44	Atmospheric pressure photoionization coupled to porous graphitic carbon liquid chromatography for the analysis of globotriaosylceramides. Application to Fabry disease. Journal of Mass Spectrometry, 2006, 41, 50-58.	0.7	30
45	Phospholipid hydrolysis in a pharmaceutical emulsion assessed by physicochemical parameters and a new analytical method. European Journal of Pharmaceutics and Biopharmaceutics, 2005, 61, 69-76.	2.0	39
46	Retention behaviour of unsaturated fatty acid methyl esters on porous graphitic carbon. Journal of Separation Science, 2004, 27, 41-46.	1.3	9
47	Wheat digalactosyldiacylglycerol molecular species profiling using porous graphitic carbon stationary phase. Journal of Separation Science, 2004, 27, 1313-1322.	1.3	14
48	Adaptation of an evaporative light-scattering detector to micro and capillary liquid chromatography and response assessment. Journal of Chromatography A, 2004, 1051, 43-51.	1.8	27
49	Isolation of ceramide fractions from skin sample by subcritical chromatography with packed silica and evaporative light scattering detection. Journal of Chromatography A, 2003, 1016, 111-121.	1.8	27
50	Eluotropic strength in non-aqueous liquid chromatography with porous graphitic carbon. Journal of Chromatography A, 2002, 973, 61-68.	1.8	25
51	Structureâ€“retention diagrams of ceramides established for their identification. Journal of Chromatography A, 2002, 973, 69-83.	1.8	17
52	Chromatographic methods for ceramide identification. Lipids, 2001, 36, 1387-1388.	0.7	0
53	Structural analysis of commercial ceramides by gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2001, 917, 251-260.	1.8	36
54	Retention behaviour of ceramides in sub-critical fluid chromatography in comparison with non-aqueous reversed-phase liquid chromatography. Journal of Chromatography A, 2000, 883, 211-222.	1.8	35

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55	IMPROVEMENT OF EVAPORATIVE LIGHT SCATTERING DETECTION OF CERAMIDES USING TRIETHYLAMINE AND FORMIC ACID IN NON-AQUEOUS REVERSED PHASE LIQUID CHROMATOGRAPHY. Journal of Liquid Chromatography and Related Technologies, 2000, 23, 387-397.	0.5	10
56	Postcolumn fluorescence as an alternative to evaporative light scattering detection for ceramide analysis with gradient elution in non-aqueous reversed-phase liquid chromatography. Journal of Chromatography A, 1999, 859, 99-105.	1.8	19