

Karen Gaudin

List of Publications by Year in descending order

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56
papers

1,068
citations

361413
20
h-index

454955
30
g-index

56
all docs

56
docs citations

56
times ranked

1308
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Oligonucleotide Solid Nucleolipid Nanoparticles against Antibiotic Resistance of ESBL-Producing Bacteria. <i>Pharmaceutics</i> , 2022, 14, 299. | 4.5 | 3 |
| 2 | Nucleoside-Derived Low-Molecular-Weight Gelators as a Synthetic Microenvironment for 3D Cell Culture. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 3387-3398. | 5.2 | 2 |
| 3 | Biomaterials for Three-Dimensional Cell Culture: From Applications in Oncology to Nanotechnology. <i>Nanomaterials</i> , 2021, 11, 481. | 4.1 | 38 |
| 4 | An analytical study of lipid-oligonucleotide aggregation properties. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 205, 114327. | 2.8 | 1 |
| 5 | Green reversed-phase HPLC development strategy: Application to artesunate and amodiaquine analysis. <i>Journal of Separation Science</i> , 2020, 43, 4390-4404. | 2.5 | 6 |
| 6 | Development of a green HPLC method for the analysis of artesunate and amodiaquine impurities using Quality by Design. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 190, 113507. | 2.8 | 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. <i>Molecules</i> , 2020, 25, 3397. | 3.8 | 11 |
| 8 | Analysis of lipid-oligonucleotide conjugates by cyclodextrin-modified capillary zone electrophoresis. <i>Talanta</i> , 2020, 219, 121204. | 5.5 | 5 |
| 9 | Determination of antifungal caspofungin in RPMI-1640 cell culture medium by column-switching HPLC-FLD. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 188, 113366. | 2.8 | 3 |
| 10 | Chromatographic methods for echinocandin antifungal drugs determination in bioanalysis. <i>Bioanalysis</i> , 2019, 11, 1215-1226. | 1.5 | 5 |
| 11 | Nucleoside-lipid-based nanocarriers for methylene blue delivery: potential application as anti-malarial drug. <i>RSC Advances</i> , 2019, 9, 18844-18852. | 3.6 | 8 |
| 12 | Development of Rectodispersible Tablets and Granulate Capsules for the Treatment of Serious Neonatal Sepsis in Developing Countries. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 2805-2813. | 3.3 | 5 |
| 13 | Silver Ions Detection via Nucleolipids Self-Assembly. <i>Analytical Chemistry</i> , 2019, 91, 1692-1695. | 6.5 | 11 |
| 14 | UHPLC method for multiproduct pharmaceutical analysis by Quality-by-Design. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 148, 361-368. | 2.8 | 26 |
| 15 | Development of rectal self-emulsifying suspension of a moisture-labile water-soluble drug. <i>International Journal of Pharmaceutics</i> , 2018, 536, 283-291. | 5.2 | 23 |
| 16 | Chromatographic study of nucleoside-lipids by RP-UHPLC-DAD/CAD. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7711-7721. | 3.7 | 5 |
| 17 | Ceftriaxone Absorption Enhancement for Noninvasive Administration as an Alternative to Injectable Solutions. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, . | 3.2 | 5 |
| 18 | Greening Reversed-Phase Liquid Chromatography Methods Using Alternative Solvents for Pharmaceutical Analysis. <i>Molecules</i> , 2018, 23, 1065. | 3.8 | 118 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Nucleoside-Lipid-Based Nanocarriers for Sorafenib Delivery. <i>Nanoscale Research Letters</i> , 2018, 13, 17. | 5.7 | 32 |
| 20 | Preformulation studies of ceftriaxone for pediatric non-parenteral administration as an alternative to existing injectable formulations. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 104, 382-392. | 4.0 | 8 |
| 21 | Solid Lipid Nanoparticles for Image-Guided Therapy of Atherosclerosis. <i>Bioconjugate Chemistry</i> , 2016, 27, 569-575. | 3.6 | 61 |
| 22 | Green analytical method development for statin analysis. <i>Journal of Chromatography A</i> , 2015, 1380, 104-111. | 3.7 | 31 |
| 23 | Analysis of fatty acid samples by hydrophilic interaction liquid chromatography and charged aerosol detector. <i>Journal of Chromatography A</i> , 2015, 1383, 121-126. | 3.7 | 10 |
| 24 | Development of a solvent-free analytical method for paracetamol quantitative determination in Blood Brain Barrier in vitro model. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 988, 20-24. | 2.3 | 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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 115, 114-122. | 2.8 | 46 |
| 26 | Preliminary pharmaceutical development of antimalarial "antibiotic cotherapy as a pre-referral paediatric treatment of fever in malaria endemic areas. <i>International Journal of Pharmaceutics</i> , 2014, 468, 55-63. | 5.2 | 1 |
| 27 | Pharmaceutical development and optimization of azithromycin suppository for paediatric use. <i>International Journal of Pharmaceutics</i> , 2013, 441, 218-226. | 5.2 | 23 |
| 28 | Screening paediatric rectal forms of azithromycin as an alternative to oral or injectable treatment. <i>International Journal of Pharmaceutics</i> , 2012, 436, 624-630. | 5.2 | 11 |
| 29 | Development of NIRS method for quality control of drug combination artesunate "azithromycin for the treatment of severe malaria. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 67-68, 10-15. | 2.8 | 6 |
| 30 | Simultaneous Determination of Artemether and Azithromycin in Suppositories by Reversed Phase HPLC. <i>Analytical Letters</i> , 2011, 44, 2732-2743. | 1.8 | 8 |
| 31 | The initial pharmaceutical development of an artesunate/amodiaquine oral formulation for the treatment of malaria: a public-private partnership. <i>Malaria Journal</i> , 2011, 10, 142. | 2.3 | 21 |
| 32 | Fast screening of highly glycosylated plant sphingolipids by tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3131-3145. | 1.5 | 76 |
| 33 | Investigation of porous graphitic carbon at high-temperature liquid chromatography with evaporative light scattering detection for the analysis of the drug combination artesunate "Azithromycin for the treatment of severe malaria. <i>Journal of Chromatography A</i> , 2010, 1217, 75-81. | 3.7 | 10 |
| 34 | Determination of artesunate using reversed-phase HPLC at increased temperature and ELSD detection. <i>Journal of Separation Science</i> , 2009, 32, 231-237. | 2.5 | 10 |
| 35 | Development and validation of a rapid capillary electrophoresis method for the determination of oseltamivir phosphate in Tamiflu® and generic versions. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 544-546. | 2.8 | 23 |
| 36 | N,N'-Ethylenebisstearamide Additive in Intravaginal Drug Delivery Device Determined by NP-LC with ELSD. <i>Chromatographia</i> , 2009, 70, 1065-1071. | 1.3 | 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. | 5.2 | 23 |
| 38 | Retention behaviour of polyunsaturated fatty acid methyl esters on porous graphitic carbon. Journal of Chromatography A, 2007, 1157, 56-64. | 3.7 | 13 |
| 39 | Determination of N,N'-ethylenebisstearamide additive in polymer by normal phase liquid chromatography with evaporative light scattering detection. Journal of Chromatography A, 2007, 1167, 27-34. | 3.7 | 10 |
| 40 | Stability of artesunate in pharmaceutical solvents. Journal of Pharmaceutical and Biomedical Analysis, 2007, 43, 1019-1024. | 2.8 | 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. | 4.3 | 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. | 3.7 | 7 |
| 43 | Microanalytical systems for separations of stratum corneum ceramides. Journal of Separation Science, 2006, 29, 390-398. | 2.5 | 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. | 1.6 | 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. | 4.3 | 39 |
| 46 | Retention behaviour of unsaturated fatty acid methyl esters on porous graphitic carbon. Journal of Separation Science, 2004, 27, 41-46. | 2.5 | 9 |
| 47 | Wheat digalactosyldiacylglycerol molecular species profiling using porous graphitic carbon stationary phase. Journal of Separation Science, 2004, 27, 1313-1322. | 2.5 | 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. | 3.7 | 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. | 3.7 | 27 |
| 50 | Eluotropic strength in non-aqueous liquid chromatography with porous graphitic carbon. Journal of Chromatography A, 2002, 973, 61-68. | 3.7 | 25 |
| 51 | Structure-retention diagrams of ceramides established for their identification. Journal of Chromatography A, 2002, 973, 69-83. | 3.7 | 17 |
| 52 | Chromatographic methods for ceramide identification. Lipids, 2001, 36, 1387-1388. | 1.7 | 0 |
| 53 | Structural analysis of commercial ceramides by gas chromatography-mass spectrometry. Journal of Chromatography A, 2001, 917, 251-260. | 3.7 | 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. | 3.7 | 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. | 1.0 | 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. | 3.7 | 19 |