

Vincent Desfontaine

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

809
citations

687220

13
h-index

1058333

14
g-index

15
all docs

15
docs citations

15
times ranked

648
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Supercritical fluid chromatography in pharmaceutical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 113, 56-71. | 1.4 | 197 |
| 2 | Applicability of supercritical fluid chromatography – mass spectrometry to metabolomics. I – Optimization of separation conditions for the simultaneous analysis of hydrophilic and lipophilic substances. <i>Journal of Chromatography A</i> , 2018, 1562, 96-107. | 1.8 | 84 |
| 3 | What are the current solutions for interfacing supercritical fluid chromatography and mass spectrometry?. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1083, 160-170. | 1.2 | 71 |
| 4 | A systematic investigation of sample diluents in modern supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2017, 1511, 122-131. | 1.8 | 67 |
| 5 | Liquid chromatography and supercritical fluid chromatography as alternative techniques to gas chromatography for the rapid screening of anabolic agents in urine. <i>Journal of Chromatography A</i> , 2016, 1451, 145-155. | 1.8 | 60 |
| 6 | Fast and sensitive supercritical fluid chromatography – tandem mass spectrometry multi-class screening method for the determination of doping agents in urine. <i>Analytica Chimica Acta</i> , 2016, 915, 102-110. | 2.6 | 57 |
| 7 | First inter-laboratory study of a Supercritical Fluid Chromatography method for the determination of pharmaceutical impurities. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 161, 414-424. | 1.4 | 47 |
| 8 | Quantitative determination of salbutamol sulfate impurities using achiral supercritical fluid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 134, 170-180. | 1.4 | 46 |
| 9 | Comparison of liquid chromatography and supercritical fluid chromatography coupled to compact single quadrupole mass spectrometer for targeted in vitro metabolism assay. <i>Journal of Chromatography A</i> , 2014, 1371, 244-256. | 1.8 | 40 |
| 10 | Systematic evaluation of matrix effects in supercritical fluid chromatography versus liquid chromatography coupled to mass spectrometry for biological samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1079, 51-61. | 1.2 | 39 |
| 11 | Possibilities of retention modeling and computer assisted method development in supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2015, 1381, 219-228. | 1.8 | 32 |
| 12 | Evaluation of innovative stationary phase ligand chemistries and analytical conditions for the analysis of basic drugs by supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2016, 1438, 244-253. | 1.8 | 31 |
| 13 | SFC – MS versus RPLC – MS for drug analysis in biological samples. <i>Bioanalysis</i> , 2015, 7, 1193-1195. | 0.6 | 29 |
| 14 | Development of a LC – MS/MS method for the determination of isomeric glutamyl peptides in food ingredients. <i>Journal of Separation Science</i> , 2018, 41, 847-855. | 1.3 | 9 |
| 15 | 5. What is the potential of SFC-MS for doping control analysis?. , 2018, , 111-128. | | 0 |