

Wes Schafer

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

919
citations

623734

14
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

991
citing authors

#	ARTICLE	IF	CITATIONS
1	Greening analytical chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 667-680.	11.4	257
2	Current challenges and future prospects in chromatographic method development for pharmaceutical research. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 95, 36-46.	11.4	98
3	MISER chromatography (multiple injections in a single experimental run): the chromatogram is the graph. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1674-1681.	1.8	89
4	Performance to burn? Re-evaluating the choice of acetonitrile as the platform solvent for analytical HPLC. <i>Green Chemistry</i> , 2009, 11, 1232.	9.0	74
5	Expedited Selection of NMR Chiral Solvating Agents for Determination of Enantiopurity. <i>ACS Central Science</i> , 2016, 2, 332-340.	11.3	58
6	Multiparallel microfluidic high-performance liquid chromatography for high-throughput normal-phase chiral analysis. <i>Journal of Chromatography A</i> , 2007, 1145, 149-154.	3.7	52
7	Systematic evaluation of new chiral stationary phases for supercritical fluid chromatography using a standard racemate library. <i>Journal of Chromatography A</i> , 2010, 1217, 1134-1138.	3.7	51
8	Chromatographic resolution of closely related species: Separation of warfarin and hydroxylated isomers. <i>Journal of Chromatography A</i> , 2013, 1314, 266-275.	3.7	44
9	Improved Chiral SFC Screening for Analytical Method Development. <i>Chirality</i> , 2013, 25, 799-804.	2.6	42
10	Toward structure-based predictive tools for the selection of chiral stationary phases for the chromatographic separation of enantiomers. <i>Journal of Chromatography A</i> , 2016, 1467, 206-213.	3.7	29
11	Microscale HPLC Predicts Preparative Performance at Millionfold Scale. <i>Organic Process Research and Development</i> , 2008, 12, 674-677.	2.7	23
12	Microscale HPLC enables a new paradigm for commercialization of complex chiral stationary phases. <i>Chirality</i> , 2008, 20, 815-819.	2.6	21
13	Modeling and predicting chiral stationary phase enantioselectivity: An efficient random forest classifier using an optimally balanced training dataset and an aggregation strategy. <i>Journal of Separation Science</i> , 2018, 41, 1365-1375.	2.5	19
14	Chiral analysis of poor UV absorbing pharmaceuticals by supercritical fluid chromatography-charged aerosol detection. <i>Journal of Supercritical Fluids</i> , 2016, 116, 20-25.	3.2	16
15	Rapid Analytical Method Development Using Multiparallel Microfluidic High-Performance Liquid Chromatography in Support of Pharmaceutical Process Research. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008, 31, 2296-2304.	1.0	12
16	Estimating chromatographic enantioselectivity ($\hat{\alpha}$) from gradient enantioselective chromatography data. <i>Chirality</i> , 2011, 23, 128-132.	2.6	9
17	Multiple injection high-throughput gas chromatography analysis. <i>Journal of Separation Science</i> , 2016, 39, 2978-2985.	2.5	6
18	Assessment of coulometric array electrochemical detection coupled with HPLC-UV for the absolute quantitation of pharmaceuticals. <i>Analyst</i> , 2017, 142, 525-536.	3.5	6

#	ARTICLE	IF	CITATIONS
19	Using chromatogram averaging to improve quantitation of minor impurities. Journal of Chromatography A, 2016, 1465, 205-210.	3.7	5
20	A simple parallel gas chromatography column screening system. Chirality, 2012, 24, 1-4.	2.6	4
21	Evaluation of micro ultra high pressure liquid chromatography for pharmaceutical analysis. Analytical Methods, 2013, 5, 2178.	2.7	4