Svetlana Ignatova

List of Publications by Year
in descending order

18 papers	414 citations	759233 12 h-index	888059 17 g-index
18 all docs	18 docs citations	18 times ranked	405 citing authors

#	Article	IF	Citations
1	Rapid purification and scale-up of honokiol and magnolol using high-capacity high-speed counter-current chromatography. Journal of Chromatography A, 2007, 1142, 115-122.	3.7	113
2	Counter-current chromatography separation scaled up from an analytical column to a production column. Journal of Chromatography A, 2007, 1151, 25-30.	3.7	58
3	Scale-up of counter-current chromatography: Demonstration of predictable isocratic and quasi-continuous operating modes from the test tube to pilot/process scale. Journal of Chromatography A, 2009, 1216, 8787-8792.	3.7	46
4	Advantages of a small-volume counter-current chromatography column. Journal of Chromatography A, 2009, 1216, 4169-4175.	3.7	26
5	Schinus terebinthifolius scale-up countercurrent chromatography (Part I): High performance countercurrent chromatography fractionation of triterpene acids with off-line detection using atmospheric pressure chemical ionization mass spectrometry. Journal of Chromatography A, 2015, 1389, 39-48.	3.7	25
6	Scalable Technology for the Extraction of Pharmaceutics: Outcomes from a 3 year collaborative industry/academia research programme. Journal of Chromatography A, 2013, 1282, 84-94.	3.7	22
7	How changes in column geometry and packing ratio can increase sample load and throughput by a factor of fifty in Counter-Current Chromatography. Journal of Chromatography A, 2018, 1580, 120-125.	3.7	18
8	An overview of the two-phase solvent systems used in the countercurrent separation of phenylethanoid glycosides and iridoids and their biological relevance. Phytochemistry Reviews, 2019, 18, 377-403.	6.5	18
9	Scalable Technology for the Extraction of Pharmaceutics (STEP): The transition from academic knowhow to industrial reality. Journal of Chromatography A, 2011, 1218, 6114-6121.	3.7	17
10	Sample injection strategy to increase throughput in counter-current chromatography: Case study of Honokiol purification. Journal of Chromatography A, 2016, 1476, 19-24.	3.7	17
11	Countercurrent chromatography separation of saponins by skeleton type from Ampelozizyphus amazonicus for off-line ultra-high-performance liquid chromatography/high resolution accurate mass spectrometry analysis and characterisation. Journal of Chromatography A, 2017, 1481, 92-100.	3.7	17
12	Schinus terebinthifolius countercurrent chromatography (Part II): Intra-apparatus scale-up and inter-apparatus method transfer. Journal of Chromatography A, 2016, 1466, 76-83.	3.7	16
13	Laguncularia racemosa Phenolics Profiling by Three-Phase Solvent System Step-Gradient Using High-Performance Countercurrent Chromatography with Off-Line Electrospray Mass-Spectrometry Detection. Molecules, 2021, 26, 2284.	3.8	7
14	The effect of increasing centrifugal acceleration/force and flow rate for varying column aspect ratios on separation efficiency in Counter-Current Chromatography. Journal of Chromatography A, 2018, 1581-1582, 80-90.	3.7	5
15	Rapid and inexpensive purification of adenovirus vectors using an optimised aqueous two-phase technology. Journal of Virological Methods, 2022, 299, 114305.	2.1	4
16	Schinus terebinthifolius countercurrent chromatography (Part III): Method transfer from small countercurrent chromatography column to preparative centrifugal partition chromatography ones as a part of method development. Journal of Chromatography A, 2017, 1487, 77-82.	3.7	3
17	Practical aspects of the automated preparation of aqueous two phase systems for the analysis of biological macromolecules. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1073, 60-68.	2.3	2
18	Dereplication of Phenolics from Cardiospermum corindum by Countercurrent Chromatography Combined with Liquid Chromatography-Electrospray Mass Spectrometry. Revista Brasileira De Farmacognosia, 2022, 32, 280.	1.4	0