

Martin Enmark

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6675247/publications.pdf>

Version: 2024-02-01

17
papers

416
citations

687363

13
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

348
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of co-solvent fraction, pressure and temperature effects in analytical and preparative supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2014, 1374, 254-260.	3.7	62
2	A closer study of peak distortions in supercritical fluid chromatography as generated by the injection. <i>Journal of Chromatography A</i> , 2015, 1400, 131-139.	3.7	44
3	Investigation of factors influencing the separation of diastereomers of phosphorothioated oligonucleotides. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3383-3394.	3.7	40
4	Analytical and preparative separation of phosphorothioated oligonucleotides: columns and ion-pair reagents. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 299-309.	3.7	32
5	Determination of adsorption isotherms in supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2013, 1312, 124-133.	3.7	30
6	Chemometric evaluation of the combined effect of temperature, pressure, and co-solvent fractions on the chiral separation of basic pharmaceuticals using actual vs set operational conditions. <i>Journal of Chromatography A</i> , 2017, 1499, 165-173.	3.7	30
7	Investigation of robustness for supercritical fluid chromatography separation of peptides: Isocratic vs gradient mode. <i>Journal of Chromatography A</i> , 2018, 1568, 177-187.	3.7	30
8	Evaluation of scale-up from analytical to preparative supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2015, 1425, 280-286.	3.7	28
9	Evaluation and analysis of environmentally sustainable methodologies for extraction of betulin from birch bark with a focus on industrial feasibility. <i>Green Chemistry</i> , 2016, 18, 516-523.	9.0	22
10	Selectivity limits of and opportunities for ion pair chromatographic separation of oligonucleotides. <i>Journal of Chromatography A</i> , 2021, 1651, 462269.	3.7	21
11	Investigation of plateau methods for adsorption isotherm determination in supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 2014, 1354, 129-138.	3.7	19
12	Impact of stationary-phase pore size on chromatographic performance using oligonucleotide separation as a model. <i>Journal of Chromatography A</i> , 2020, 1634, 461653.	3.7	15
13	Choice of Model for Estimation of Adsorption Isotherm Parameters in Gradient Elution Preparative Liquid Chromatography. <i>Chromatographia</i> , 2015, 78, 1293-1297.	1.3	14
14	Building machine-learning-based models for retention time and resolution predictions in ion pair chromatography of oligonucleotides. <i>Journal of Chromatography A</i> , 2022, 1671, 462999.	3.7	13
15	A Retention-Matching Strategy for Method Transfer in Supercritical Fluid Chromatography: Introducing the Isomolar Plot Approach. <i>Analytical Chemistry</i> , 2021, 93, 6385-6393.	6.5	6
16	Optimizing Column Length and Particle Size in Preparative Batch Chromatography Using Enantiomeric Separations of Omeprazole and Etiracetam as Models: Feasibility of Taguchi Empirical Optimization. <i>Chromatographia</i> , 2018, 81, 851-860.	1.3	5
17	Method transfer in SFC from a fundamental perspective. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 149, 116551.	11.4	5