Ch Zisi

List of Publications by Year
in descending order

18 papers	274 citations	1040056 9 h-index	888059 17 g-index
19 all docs	19 docs citations	19 times ranked	382 citing authors

#	Article	IF	Citations
1	Quantitative structure retention relationship (QSRR) modelling for Analytesâ€™ retention prediction in LC-HRMS by applying different Machine Learning algorithms and evaluating their performance. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2022, 1191, 123132.	2.3	20
2	Headspace gas chromatography-mass spectrometry in the analysis of lavenderâ€™s essential oil: Optimization by response surface methodology. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1179, 122852.	2.3	14
3	Separation optimization in HPLC analysis implemented in R programming language. Journal of Chromatography A, 2020, 1617, 460823.	3.7	7
4	Computer-Aided Separation Optimization in Reversed-Phase Liquid Chromatography. , 2018, , 55-55.		0
5	Separation Optimization of a Mixture of Ionized and Non-Ionized Solutes under Isocratic and Gradient Conditions in Reversed-Phase HPLC by Means of Microsoft Excel Spreadsheets. Separations, 2018, 5, 19.	2.4	1
6	QSRR Modeling for Metabolite Standards Analyzed by Two Different Chromatographic Columns Using Multiple Linear Regression. Metabolites, 2017, 7, 7.	2.9	19
7	Protocol for quality control in metabolic profiling of biological fluids by U(H)PLC-MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1008, 15-25.	2.3	78
8	Multivariate analysis of chromatographic retention data as a supplementary means for grouping structurally related compounds. Journal of Chromatography A, 2015, 1387, 49-52.	3.7	5
9	Retention prediction and separation optimization under multilinear gradient elution in liquid chromatography with Microsoft Excel macros. Journal of Chromatography A, 2015, 1395, 109-115.	3.7	17
10	Integration of Analytical Techniques for Protein Biomarker Assays. , 2014, 52, 65-88.		3
11	Retention prediction and separation optimization of ionizable analytes in reversed-phase liquid chromatography by organic modifier gradients in different eluent pHs. Journal of Chromatography A, 2013, 1305, 131-138.	3.7	9
12	Retention modeling in combined pH/organic solvent gradient reversed-phase HPLC. Analyst, The, 2013, 138, 3771.	3.5	9
13	Expressions for Multilinear Combined pH/Organic Solvent Elution of Ionizable Analytes in Reversed-Phase HPLC. Analytical Chemistry, 2013, 85, 9514-9521.	6.5	7
14	Properties of the retention time of ionizable analytes in reversed-phase liquid chromatography under organic modifier gradients in different eluent pHs. Journal of Chromatography A, 2013, 1314, 138-141.	3.7	5
15	A simple approach for retention prediction in the pH-gradient reversed-phase liquid chromatography. Talanta, 2012, 93, 279-284.	5.5	6
16	pH-Gradient Reversed-Phase Liquid Chromatography of Ionogenic Analytes Revisited. Analytical Chemistry, 2012, 84, 6611-6618.	6.5	15
17	Modeling the combined effect of temperature and organic modifier content on reversed-phase chromatographic retention. Journal of Chromatography A, 2008, 1201, 27-34.	3.7	32
18	Theory and Application of the Two-Mode Gradient Elution in Liquid Chromatography Involving Simultaneous Changes in Temperature and Mobile-Phase Composition. Analytical Chemistry, 2008, 80, 5508-5514.	6.5	26