Riin Rebane

List of Publications by Year
in descending order

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		759233	677142
22	1,033	12	22
papers	citations	h-index	g-index

22	22	22	1436
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantitative electrospray ionization efficiency scale: 10Âyears after. Rapid Communications in Mass Spectrometry, 2021, 35, e9178.	1.5	4
2	Matrix interference in LC-ESI-MS/MS analysis of metanephrines in protein precipitated plasma samples. European Journal of Mass Spectrometry, 2020, 26, 46-54.	1.0	2
3	Characterization of wines with liquid chromatography electrospray ionization mass spectrometry: Quantification of amino acids via ionization efficiency values. Journal of Chromatography A, 2020, 1620, 461012.	3.7	4
4	Ionization efficiency ladders as tools for choosing ionization mode and solvent in liquid chromatography/mass spectrometry. Rapid Communications in Mass Spectrometry, 2019, 33, 1834-1843.	1.5	15
5	A systematic approach toward comparing electrospray ionization efficiencies of derivatized and nonâ€derivatized amino acids and biogenic amines. Journal of Mass Spectrometry, 2018, 53, 997-1004.	1.6	8
6	Comparison of amino acid derivatization reagents for liquid chromatography atmospheric pressure chemical ionization mass spectrometric analysis of seven amino acids in tea extract. International Journal of Mass Spectrometry, 2017, 421, 189-195.	1.5	11
7	Dependence of matrix effect on ionization polarity during LCâ€“ESIâ€“MS analysis of derivatized amino acids in some natural samples. European Journal of Mass Spectrometry, 2017, 23, 245-253.	1.0	12
8	Determination of neonicotinoids in Estonian honey by liquid chromatographyâ€“electrospray mass spectrometry. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2016, 51, 455-464.	1.5	18
9	Establishing Atmospheric Pressure Chemical Ionization Efficiency Scale. Analytical Chemistry, 2016, 88, 3435-3439.	6.5	22
10	Tutorial review on validation of liquid chromatographyâ€“mass spectrometry methods: Part I. Analytica Chimica Acta, 2015, 870, 29-44.	5.4	208
11	Tutorial review on validation of liquid chromatographyâ€“mass spectrometry methods: Part II. Analytica Chimica Acta, 2015, 870, 8-28.	5.4	217
12	Development of amino acid derivatization reagents for liquid chromatography electrospray ionization mass spectrometric analysis and ionization efficiency measurements. Journal of Chromatography A, 2015, 1390, 62-70.	3.7	31
13	Study of the matrix effects and sample dilution influence on the LCâ€“ESIâ€“MS/MS analysis using four derivatization reagents. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 967, 147-155.	2.3	21
14	Matrix influence on derivatization and ionization processes during selenoamino acid liquid chromatography electrospray ionization mass spectrometric analysis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 955-956, 34-41.	2.3	12
15	Influence of Boric Acid on Electrospray Ionization Efficiency. European Journal of Mass Spectrometry, 2012, 18, 71-75.	1.0	6
16	Comparison of three buffer solutions for amino acid derivatization and following analysis by liquid chromatography electrospray mass spectrometry. Journal of Chromatography A, 2012, 1245, 134-142.	3.7	28
17	Comparison of amino acid derivatization reagents for LCâ€“ESI-MS analysis. Introducing a novel phosphazene-based derivatization reagent. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 904, 99-106.	2.3	49
18	Analysis of selenomethylselenocysteine and selenomethionine by LC-ESI-MS/MS with diethyl ethoxymethylenemalonate derivatization. Analyst, The, 2011, 136, 5241.	3.5	7

#	Article	IF	Citations
19	A Simple Biosensor for Biogenic Diamines, Comprising Amine Oxidaseâ€"Containing Threads and Oxygen Sensor. Sensor Letters, 2011, 9, 1794-1800.	0.4	7
20	A sensitive method for free amino acids analysis by liquid chromatography with ultraviolet and mass spectrometric detection using precolumn derivatization with diethyl ethoxymethylenemalonate: Application to the honey analysis. Analytica Chimica Acta, 2010, 672, 79-84.	5.4	77
21	A review of analytical techniques for determination of Sudan Iâ€"IV dyes in food matrixes. Journal of Chromatography A, 2010, 1217, 2747-2757.	3.7	217
22	Evaluation of the Botanical Origin of Estonian Uni- and Polyfloral Honeys by Amino Acid Content. Journal of Agricultural and Food Chemistry, 2008, 56, 10716-10720.	5.2	57