

Riin Rebane

List of Publications by Year in descending order

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22
papers

1,033
citations

759233

12
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

1436
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of analytical techniques for determination of Sudan IV dyes in food matrixes. <i>Journal of Chromatography A</i> , 2010, 1217, 2747-2757.	3.7	217
2	Tutorial review on validation of liquid chromatography-mass spectrometry methods: Part II. <i>Analytica Chimica Acta</i> , 2015, 870, 8-28.	5.4	217
3	Tutorial review on validation of liquid chromatography-mass spectrometry methods: Part I. <i>Analytica Chimica Acta</i> , 2015, 870, 29-44.	5.4	208
4	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. <i>Analytica Chimica Acta</i> , 2010, 672, 79-84.	5.4	77
5	Evaluation of the Botanical Origin of Estonian Uni- and Polyfloral Honeys by Amino Acid Content. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 10716-10720.	5.2	57
6	Comparison of amino acid derivatization reagents for LC-ESI-MS analysis. Introducing a novel phosphazene-based derivatization reagent. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 904, 99-106.	2.3	49
7	Development of amino acid derivatization reagents for liquid chromatography electrospray ionization mass spectrometric analysis and ionization efficiency measurements. <i>Journal of Chromatography A</i> , 2015, 1390, 62-70.	3.7	31
8	Comparison of three buffer solutions for amino acid derivatization and following analysis by liquid chromatography electrospray mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1245, 134-142.	3.7	28
9	Establishing Atmospheric Pressure Chemical Ionization Efficiency Scale. <i>Analytical Chemistry</i> , 2016, 88, 3435-3439.	6.5	22
10	Study of the matrix effects and sample dilution influence on the LC-ESI-MS/MS analysis using four derivatization reagents. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 967, 147-155.	2.3	21
11	Determination of neonicotinoids in Estonian honey by liquid chromatography-electrospray mass spectrometry. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2016, 51, 455-464.	1.5	18
12	Ionization efficiency ladders as tools for choosing ionization mode and solvent in liquid chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1834-1843.	1.5	15
13	Matrix influence on derivatization and ionization processes during selenoamino acid liquid chromatography electrospray ionization mass spectrometric analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 955-956, 34-41.	2.3	12
14	Dependence of matrix effect on ionization polarity during LC-ESI-MS analysis of derivatized amino acids in some natural samples. <i>European Journal of Mass Spectrometry</i> , 2017, 23, 245-253.	1.0	12
15	Comparison of amino acid derivatization reagents for liquid chromatography atmospheric pressure chemical ionization mass spectrometric analysis of seven amino acids in tea extract. <i>International Journal of Mass Spectrometry</i> , 2017, 421, 189-195.	1.5	11
16	A systematic approach toward comparing electrospray ionization efficiencies of derivatized and non-derivatized amino acids and biogenic amines. <i>Journal of Mass Spectrometry</i> , 2018, 53, 997-1004.	1.6	8
17	Analysis of selenomethylselenocysteine and selenomethionine by LC-ESI-MS/MS with diethyl ethoxymethylenemalonate derivatization. <i>Analyst</i> , 2011, 136, 5241.	3.5	7
18	A Simple Biosensor for Biogenic Diamines, Comprising Amine Oxidase-Containing Threads and Oxygen Sensor. <i>Sensor Letters</i> , 2011, 9, 1794-1800.	0.4	7

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19	Influence of Boric Acid on Electrospray Ionization Efficiency. European Journal of Mass Spectrometry, 2012, 18, 71-75.	1.0	6
20	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
21	Quantitative electrospray ionization efficiency scale: 10Âyears after. Rapid Communications in Mass Spectrometry, 2021, 35, e9178.	1.5	4
22	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