Riin Rebane

List of Publications by Citations

22 papers	818 citations	11 h-index	22 g-index
22 ext. papers	909 ext. citations	3.6 avg, IF	4.12 L-index

#	Paper	IF	Citations
22	A review of analytical techniques for determination of Sudan I-IV dyes in food matrixes. *Journal of Chromatography A*, **2010**, 1217, 2747-57	4.5	186
21	Tutorial review on validation of liquid chromatography-mass spectrometry methods: part I. *Analytica Chimica Acta*, **2015**, 870, 29-44	6.6	161
20	Tutorial review on validation of liquid chromatography-mass spectrometry methods: part II. *Analytica Chimica Acta*, **2015**, 870, 8-28	6.6	146
19	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	6.6	68
18	Evaluation of the botanical origin of estonian uni- and polyfloral honeys by amino acid content. *Journal of Agricultural and Food Chemistry*, **2008**, 56, 10716-20	5.7	49
17	Comparison of amino acid derivatization reagents for LC-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	3.2	36
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, 134-42	4.5	26
15	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	4.5	25
14	Establishing Atmospheric Pressure Chemical Ionization Efficiency Scale. *Analytical Chemistry*, **2016**, 88, 3435-9	7.8	19
13	Study of the matrix effects and sample dilution influence on the LC-ESI-MS/MS analysis using four derivatization reagents. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2014**, 967, 147-55	3.2	16
12	Determination of neonicotinoids in Estonian honey by liquid chromatography-electrospray mass spectrometry. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, **2016**, 51, 455-64	2.2	16
11	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	2.2	10
10	Dependence of matrix effect on ionization polarity during LC-ESI-MS analysis of derivatized amino acids in some natural samples. *European Journal of Mass Spectrometry*, **2017**, 23, 245-253	1.1	10
9	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	3.2	10
8	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	1.9	9
7	Analysis of selenomethylselenocysteine and selenomethionine by LC-ESI-MS/MS with diethyl ethoxymethylenemalonate derivatization. *Analyst, The*, **2011**, 136, 5241-6	5	7
6	A systematic approach toward comparing electrospray ionization efficiencies of derivatized and non-derivatized amino acids and biogenic amines. *Journal of Mass Spectrometry*, **2018**, 53, 997-1004	2.2	6

5	Influence of boric acid on electrospray ionization efficiency. *European Journal of Mass Spectrometry*, **2012**, 18, 71-5	1.1	6
4	A Simple Biosensor for Biogenic Diamines, Comprising Amine Oxidase□containing Threads and Oxygen Sensor. *Sensor Letters*, **2011**, 9, 1794-1800	0.9	6
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	4.5	3
2	Quantitative electrospray ionization efficiency scale: 10□years after. *Rapid Communications in Mass Spectrometry*, **2021**, 35, e9178	2.2	2
1	Matrix interference in LC-ESI-MS/MS analysis of metanephrines in protein precipitated plasma samples. *European Journal of Mass Spectrometry*, **2020**, 26, 46-54	1.1	1