

# Riin Rebane

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Quantitative electrospray ionization efficiency scale: 10 years after. <i>Rapid Communications in Mass Spectrometry</i> , <b>2021</b> , 35, e9178	2.2	2
21	Characterization of wines with liquid chromatography electrospray ionization mass spectrometry: Quantification of amino acids via ionization efficiency values. <i>Journal of Chromatography A</i> , <b>2020</b> , 1620, 461012	4.5	3
20	Matrix interference in LC-ESI-MS/MS analysis of metanephrines in protein precipitated plasma samples. <i>European Journal of Mass Spectrometry</i> , <b>2020</b> , 26, 46-54	1.1	1
19	Ionization efficiency ladders as tools for choosing ionization mode and solvent in liquid chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2019</b> , 33, 1834-1843	2.2	10
18	A systematic approach toward comparing electrospray ionization efficiencies of derivatized and non-derivatized amino acids and biogenic amines. <i>Journal of Mass Spectrometry</i> , <b>2018</b> , 53, 997-1004	2.2	6
17	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> , <b>2017</b> , 421, 189-195	1.9	9
16	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> , <b>2017</b> , 23, 245-253	1.1	10
15	Establishing Atmospheric Pressure Chemical Ionization Efficiency Scale. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 3435-9	7.8	19
14	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> , <b>2016</b> , 51, 455-64	2.2	16
13	Tutorial review on validation of liquid chromatography-mass spectrometry methods: part II. <i>Analytica Chimica Acta</i> , <b>2015</b> , 870, 8-28	6.6	146
12	Development of amino acid derivatization reagents for liquid chromatography electrospray ionization mass spectrometric analysis and ionization efficiency measurements. <i>Journal of Chromatography A</i> , <b>2015</b> , 1390, 62-70	4.5	25
11	Tutorial review on validation of liquid chromatography-mass spectrometry methods: part I. <i>Analytica Chimica Acta</i> , <b>2015</b> , 870, 29-44	6.6	161
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> , <b>2014</b> , 967, 147-55	3.2	16
9	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> , <b>2014</b> , 955-956, 34-41	3.2	10
8	Influence of boric acid on electrospray ionization efficiency. <i>European Journal of Mass Spectrometry</i> , <b>2012</b> , 18, 71-5	1.1	6
7	Comparison of three buffer solutions for amino acid derivatization and following analysis by liquid chromatography electrospray mass spectrometry. <i>Journal of Chromatography A</i> , <b>2012</b> , 1245, 134-42	4.5	26
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> , <b>2012</b> , 904, 99-106	3.2	36

5	Analysis of selenomethylselenocysteine and selenomethionine by LC-ESI-MS/MS with diethyl ethoxymethylenemalonate derivatization. <i>Analyst, The</i> , <b>2011</b> , 136, 5241-6	5	7
4	A Simple Biosensor for Biogenic Diamines, Comprising Amine Oxidase-Containing Threads and Oxygen Sensor. <i>Sensor Letters</i> , <b>2011</b> , 9, 1794-1800	0.9	6
3	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> , <b>2010</b> , 672, 79-84	6.6	68
2	A review of analytical techniques for determination of Sudan I-IV dyes in food matrixes. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 2747-57	4.5	186
1	Evaluation of the botanical origin of estonian uni- and polyfloral honeys by amino acid content. <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 10716-20	5.7	49