

Ales Rajchl

List of Publications by Citations

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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.

18
papers

153
citations

7
h-index

12
g-index

19
ext. papers

194
ext. citations

2.7
avg, IF

2.27
L-index

#	Paper	IF	Citations
18	Rapid determination of 5-hydroxymethylfurfural by DART ionization with time-of-flight mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 4737-45	4.4	24
17	DART mass spectrometry for rapid screening and quantitative determination of cholesterol in egg pasta. <i>Journal of Mass Spectrometry</i> , 2014 , 49, 911-7	2.2	23
16	Stability of nutritionally important compounds and shelf life prediction of tomato ketchup. <i>Journal of Food Engineering</i> , 2010 , 99, 465-470	6	20
15	Impact of yacon landraces cultivated in the Czech Republic and their ploidy on the short- and long-chain fructooligosaccharides content in tuberous roots. <i>LWT - Food Science and Technology</i> , 2013 , 54, 80-86	5.4	19
14	Characterization of mustard seeds and paste by DART ionization with time-of-flight mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2014 , 49, 811-8	2.2	15
13	Influence of deodorization temperature on formation of tocopherol esters and fatty acids polymers in vegetable oil. <i>European Journal of Lipid Science and Technology</i> , 2017 , 119, 1600027	3	11
12	Evaluation of ice-tea quality by DART-TOF/MS. <i>Journal of Mass Spectrometry</i> , 2015 , 50, 1214-21	2.2	10
11	Characterisation of yacon tuberous roots and leaves by DART-TOF/MS. <i>International Journal of Mass Spectrometry</i> , 2018 , 424, 27-34	1.9	7
10	Testing the influence of various conditions on the migration of epoxidised soybean oil from polyvinylchloride gaskets. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013 , 30, 1963-75	3.2	6
9	Study on Honey Quality Evaluation and Detection of Adulteration by Analysis of Volatile Compounds. <i>Journal of Apicultural Science</i> , 2017 , 61, 17-27	1.1	6
8	Incorporation of Natural Blueberry, Red Grapes and Parsley Extract By-Products into the Production of Chitosan Edible Films. <i>Polymers</i> , 2021 , 13,	4.5	3
7	Survey Results of Benzene Content in Soft Drinks.. <i>KvasnPrůmysl</i> , 2014 , 60, 8-14	1.3	2
6	Electrophoretic determination of taurine. <i>Journal of Chromatography A</i> , 2021 , 1645, 462075	4.5	2
5	Phloridzin as a marker for evaluation of fruit products authenticity. <i>Czech Journal of Food Sciences</i> , 2021 , 39, 49-57	1.3	2
4	Migration of epoxidised soybean oil from PVC gaskets of commercial lids: simulation of migration under various conditions and screening of food products from Czech markets. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015 , 32, 427-37	3.2	1
3	Evaluation of cocoa products quality and authenticity by DART/TOF-MS. <i>International Journal of Mass Spectrometry</i> , 2020 , 454, 116358	1.9	1
2	Determination of capsaicin in hot peppers (<i>Capsicum</i> spp.) by direct analysis in real time (DART) method. <i>Journal of Food Composition and Analysis</i> , 2021 , 103, 104074	4.1	1

- 1 Identification of biphenyls contaminants responsible for off-flavour in soft drinks. *Czech Journal of Food Sciences*, **2018**, 36, 16-21 1.3 0