

Kristian Pastor

List of Publications by Year in descending order

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26
papers

203
citations

1040056

9
h-index

1199594

12
g-index

27
all docs

27
docs citations

27
times ranked

148
citing authors

#	ARTICLE	IF	CITATIONS
1	Classification of Cereal Flour by Gas Chromatography – Mass Spectrometry (GC-MS) Liposoluble Fingerprints and Automated Machine Learning. <i>Analytical Letters</i> , 2022, 55, 2220-2226.	1.8	4
2	Bioprocessing of Wheat and Amaranth Bran for the Reduction of Fructan Levels and Application in 3D-Printed Snacks. <i>Foods</i> , 2022, 11, 1649.	4.3	11
3	Feasibility study of separation and purification of bile acid derivatives by HPLC on C18 and F5 columns. <i>Steroids</i> , 2022, 186, 109074.	1.8	1
4	Supercritical Carbon Dioxide Extraction of <i>Allium ursinum</i> : Impact of Temperature and Pressure on the Extracts Chemical Profile. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100058.	2.1	6
5	Rapid detection of olive oil blends using a paper-based portable microfluidic platform. <i>Food Control</i> , 2021, 124, 107888.	5.5	5
6	Multivariate analysis of water quality parameters in Lake Palic, Serbia. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 410.	2.7	14
7	Multivariate Analysis of Water Quality Measurements on the Danube River. <i>Water (Switzerland)</i> , 2021, 13, 3634.	2.7	5
8	New challenge in the lipophilicity determination and separation of biologically active 16,17-secoesterone derivatives by HPLC – Use of pentafluorophenyl-propyl column. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2020, 43, 106-117.	1.0	3
9	Characterization of Fatty Acids in Cereals and Oilseeds from the Republic of Serbia by Gas Chromatography – Mass Spectrometry (GC/MS) with Chemometrics. <i>Analytical Letters</i> , 2020, 53, 1177-1189.	1.8	14
10	Application of Deep Eutectic Solvents for the Extraction of Rutin and Rosmarinic Acid from <i>Satureja montana</i> L. and Evaluation of the Extracts Antiradical Activity. <i>Plants</i> , 2020, 9, 153.	3.5	21
11	A rapid discrimination of wheat, walnut and hazelnut flour samples using chemometric algorithms on GC/MS data. <i>Journal of Food Measurement and Characterization</i> , 2019, 13, 2961-2969.	3.2	12
12	A Review of Adulteration Versus Authentication of Flour. , 2019, , 21-35.		11
13	Gas chromatography - mass spectrometry system applied to determine botanical origin of various types of edible vegetable oils. <i>Journal of the Serbian Chemical Society</i> , 2019, 84, 1017-1025.	0.8	9
14	Fatty acid profile changes in Ricotta-filled pastry during storage investigated by a GC/MS-ANOVA. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2018, 24, 149-155.	0.7	1
15	Discriminating cereal and pseudocereal species using a binary system of GC/MS data: A pattern recognition approach. <i>Journal of the Serbian Chemical Society</i> , 2018, 83, 317-329.	0.8	15
16	The chemistry behind amaranth grains. <i>Journal of Nutritional Health & Food Engineering</i> , 2018, 8, .	0.5	4
17	Relationship between GC/El-qMS disaccharide profiles and corresponding genomes of wheat, rye and triticale cultivars. <i>Ratarstvo I Povrtarstvo</i> , 2017, 54, 73-78.	0.5	0
18	Binary Simple Sugar Profiling in Corn and Small Grain Flour Authentication Using GC/El-qMS Approach. <i>Chromatographia</i> , 2016, 79, 1553-1559.	1.3	13

#	ARTICLE	IF	CITATIONS
19	Authentication of Cereal Flours by Multivariate Analysis of GC-MS Data. <i>Chromatographia</i> , 2016, 79, 1387-1393.	1.3	16
20	Rapid Method for Small Grain and Corn Flour Authentication Using GC/EI-MS and Multivariate Analysis. <i>Food Analytical Methods</i> , 2016, 9, 443-450.	2.6	19
21	Determination of the presence of buckwheat flour in bread by the analysis of minor fatty acid methyl esters. <i>Advanced Technologies</i> , 2015, 4, 86-92.	0.4	3
22	Lipid and sugar profiles of various barley cultivars (<i>Hordeum vulgare</i>). <i>Acta Periodica Technologica</i> , 2015, , 65-75.	0.2	0
23	Authenticity of Lipid and Sugar Profiles of Various Buckwheat Cultivars Investigated by GC-MS System and Multivariate Analysis. <i>Food Science and Technology (United States)</i> , 2015, 3, 42-47.	0.3	0
24	The content of buckwheat flour in wheat bread. <i>Acta Periodica Technologica</i> , 2014, , 79-87.	0.2	3
25	Gas Chromatography in Food Authentication. , 0, , .		7
26	A New Challenge in Food Authenticity: Application of a Novel Mathematical Model for Rapid Quantification of Vegetable Oil Blends by Gas Chromatography - Mass Spectrometry (GC-MS). <i>Analytical Letters</i> , 0, , 1-12.	1.8	4