

Jaroslav BlaÅ¾ko

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

622
citations

759233

12
h-index

610901

24
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41
all docs

41
docs citations

41
times ranked

1171
citing authors

#	ARTICLE	IF	CITATIONS
1	The Complex Mechanism of Antimycobacterial Action of 5-Fluorouracil. <i>Chemistry and Biology</i> , 2015, 22, 63-75.	6.0	90
2	Thiophenecarboxamide Derivatives Activated by EthA Kill Mycobacterium tuberculosis by Inhibiting the CTP Synthetase PyrG. <i>Chemistry and Biology</i> , 2015, 22, 917-927.	6.0	72
3	Gas chromatography analysis of benzene, toluene, ethylbenzene and xylenes using newly designed needle trap device in aqueous samples. <i>Journal of Chromatography A</i> , 2008, 1194, 161-164.	3.7	67
4	Analysis of volatile organic compounds in the breath of patients with stable or acute exacerbation of chronic obstructive pulmonary disease. <i>Journal of Breath Research</i> , 2018, 12, 036002.	3.0	51
5	Determination of phthalate sum in fatty food by gas chromatography. <i>Food Chemistry</i> , 2011, 124, 392-395.	8.2	47
6	Variation in fatty acid composition of ewes' milk during continuous transition from dry winter to natural pasture diet. <i>International Dairy Journal</i> , 2009, 19, 545-549.	3.0	28
7	GtrA Protein Rv3789 Is Required for Arabinosylation of Arabinogalactan in Mycobacterium tuberculosis. <i>Journal of Bacteriology</i> , 2015, 197, 3686-3697.	2.2	26
8	Considerations on the determination of the limit of detection and the limit of quantification in one-dimensional and comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , 2015, 1396, 117-130.	3.7	21
9	Gas chromatography/mass spectrometry of oils and oil binders in paintings. <i>Journal of Separation Science</i> , 2008, 31, 1067-1073.	2.5	19
10	Chemometric deconvolution of gas chromatographic unresolved conjugated linoleic acid isomers triplet in milk samples. <i>Journal of Chromatography A</i> , 2009, 1216, 2757-2761.	3.7	18
11	Direct silylation of Trypanosoma brucei metabolites in aqueous samples and their GC-MS/MS analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 967, 134-138.	2.3	16
12	ANALYSIS OF STATIC ANGLE OF REPOSE WITH RESPECT TO POWDER MATERIAL PROPERTIES. <i>Acta Polytechnica</i> , 2020, 60, 73-80.	0.6	14
13	Dimensionless criteria as a tool for creation of a model for predicting the size of granules in high-shear granulation. <i>Particulate Science and Technology</i> , 2020, 38, 381-390.	2.1	13
14	Variation in fatty acid composition of ewes' colostrum and mature milk fat. <i>International Dairy Journal</i> , 2010, 20, 637-641.	3.0	12
15	Synthesis and Photochemistry of 1-Iodocyclohexene: Influence of Ultrasound on Ionic vs. Radical Behaviour. <i>Molecules</i> , 2007, 12, 188-193.	3.8	11
16	Comparison of simple expression procedures in novel expression host Vibrio natriegens and established Escherichia coli system. <i>Journal of Biotechnology</i> , 2020, 321, 57-67.	3.8	11
17	Fatty Acids Profile of Intramuscular Fat in Light Lambs Traditionally and Artificially Reared. <i>Journal of Central European Agriculture</i> , 2014, 15, 117-129.	0.6	11
18	The analysis of linear and monomethylalkanes in exhaled breath samples by GC-GC-FID and GC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 978-979, 62-69.	2.3	10

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19	Simultaneous analysis of carbohydrates, polyols and amines in urine samples using chemical ionization gas chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2018, 41, 449-458.	2.5	9
20	Stereoselective syntheses of heptaprenylphosphoryl \hat{I}^2 -d-arabino- and \hat{I}^2 -d-ribo-furanoses. <i>Tetrahedron Letters</i> , 2009, 50, 2242-2244.	1.4	8
21	Equivalent chain lengths of all C ₄ –C ₂₃ saturated monomethyl branched fatty acid methyl esters on methylsilicone OV-1 stationary phase. <i>Journal of Chromatography A</i> , 2011, 1218, 1767-1774.	3.7	8
22	Systematic study of paracetamol powder mixtures and granules tableability: Key role of rheological properties and dynamic image analysis. <i>International Journal of Pharmaceutics</i> , 2021, 608, 121110.	5.2	8
23	Determination of sevoflurane and its metabolite hexafluoroisopropanol by direct injection of human plasma into gas chromatography–tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1219, 173-176.	3.7	5
24	GC–MS/MS method for age determination of fingerprints. <i>Monatshefte für Chemie</i> , 2017, 148, 1673-1678.	1.8	5
25	Unusual Chemistry in an Uncatalyzed Bromate–Aniline Oscillator: Ring-Contraction Oxidation of Aniline with Pulsative CO ₂ Production. <i>Journal of Physical Chemistry A</i> , 2019, 123, 9669-9681.	2.5	5
26	Newly Synthesized Thymol Derivative and Its Effect on Colorectal Cancer Cells. <i>Molecules</i> , 2022, 27, 2622.	3.8	5
27	Cdr2p contributes to fluconazole resistance in <i>Candida dubliniensis</i> clinical isolates. <i>Canadian Journal of Microbiology</i> , 2011, 57, 416-426.	1.7	4
28	Simultaneous analysis of fructose and creatinine in urine samples using GC–MS/MS and enzymatic methods. <i>Monatshefte für Chemie</i> , 2016, 147, 1343-1347.	1.8	4
29	An ABC transporter Wzm–Wzt catalyzes translocation of lipid-linked galactan across the plasma membrane in mycobacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	4
30	Solvent-free mechanochemical chlorination of hydrocarbons with CuCl ₂ . <i>Tetrahedron Letters</i> , 2013, 54, 7180-7182.	1.4	3
31	Recombinant Enzymatic Redox Systems for Preparation of Aroma Compounds by Biotransformation. <i>Frontiers in Microbiology</i> , 2021, 12, 684640.	3.5	3
32	Aroma stability and sensory aspects of commercially produced orange juice: gas chromatography–olfactometry study. <i>Chemical Papers</i> , 0, , 1.	2.2	3
33	Direct injection mass spectrometry, thin layer chromatography, and gas chromatography of <i>Bacillus subtilis</i> phospholipids. <i>Monatshefte für Chemie</i> , 2016, 147, 1385-1391.	1.8	2
34	The antifungal activity of vapour phase of odourless thymol derivate. <i>PeerJ</i> , 2020, 8, e9601.	2.0	2
35	Simple, fast method for the sample preparation of major capsaicinoids in ground peppers, in potato chips and chilli sauces and their analysis by GC-MS. <i>Journal of Food Composition and Analysis</i> , 2022, 114, 104733.	3.9	2
36	The analysis of volatile components in urine samples using INCAT device. <i>Monatshefte für Chemie</i> , 2016, 147, 1423-1427.	1.8	1

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37	The analysis of polar compounds in cigarette ashes by GC-MS/MS. Monatshefte für Chemie, 2017, 148, 1667-1671.	1.8	1
38	GC-MS analysis of waxes in candle without chromatographic separations. Monatshefte für Chemie, 2018, 149, 1543-1548.	1.8	1
39	HTGC-MS for determination of flavonol glycosides in nutritional supplement with extract from Vaccinium macrocarpon. Monatshefte für Chemie, 2018, 149, 1623-1627.	1.8	1
40	Analysis of triglycerides in butter, plant oils, and adulterated butter with LPGC-MS. Monatshefte für Chemie, 2018, 149, 1573-1578.	1.8	1
41	Gas chromatography with ballistic heating and ultrafast cooling of column. Chemical Papers, 2008, 62, .	2.2	0