

Radomir Čabala

List of Publications by Year in descending order

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59
papers

898
citations

430442

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all docs

59
docs citations

59
times ranked

1426
citing authors

#	ARTICLE	IF	CITATIONS
1	Voltammetric study of new psychoactive substance 3- <i>fluorophenmetrazine</i> . <i>Electrochemical Science Advances</i> , 2023, 3, .	1.2	1
2	Evaluation of the variation in relative response factors of GC-MS analysis with the internal standard methods: Application for the alcoholic products quality control. <i>Talanta</i> , 2022, 246, 123518.	2.9	1
3	Advanced GC-MS method for quality and safety control of alcoholic products. <i>Food Chemistry</i> , 2021, 338, 128107.	4.2	15
4	The perspectives of ethanol usage as an internal standard for the quantification of volatile compounds in alcoholic products by GC-MS. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4493.	0.7	7
5	Kinetic Model of the Action of 17 β -Ethinylestradiol on the Capacitation of Mouse Sperm, Monitored by HPLC-MS/MS. <i>Catalysts</i> , 2020, 10, 124.	1.6	3
6	Population pharmacokinetics of riociguat and its metabolite in patients with chronic thromboembolic pulmonary hypertension from routine clinical practice. <i>Pulmonary Circulation</i> , 2020, 10, 1-11.	0.8	1
7	Sensitive CE-MS method for monitoring of riociguat and desmethylriociguat levels in human serum. <i>Electrophoresis</i> , 2020, 41, 1564-1567.	1.3	5
8	Analysis of defensive secretion of a milkweed bug <i>Lygaeus equestris</i> by 1D GC-MS and GC-MS: sex differences and host-plant effect. <i>Scientific Reports</i> , 2020, 10, 3092.	1.6	7
9	Development of a CE-MS method for the study of riociguat and metabolite M1 in pharmaceutical analysis. <i>Electrophoresis</i> , 2019, 40, 2936-2945.	1.3	2
10	Easy and Inexpensive Method for Multiclass Analysis of 41 Food Contact Related Contaminants in Fatty Food by Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 10968-10976.	2.4	19
11	Salting out assisted liquid-liquid extraction for liquid chromatography tandem-mass spectrometry determination of amphetamine-like stimulants in meconium. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 172, 42-49.	1.4	33
12	Critical evaluation of microextraction pretreatment techniques-Part 2: Membrane-supported and homogenous phase based techniques. <i>Journal of Separation Science</i> , 2019, 42, 303-318.	1.3	7
13	Critical evaluation of microextraction pretreatment techniques-Part 1: Single drop and sorbent-based techniques. <i>Journal of Separation Science</i> , 2019, 42, 273-284.	1.3	18
14	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.	1.3	9
15	Comparison of analytical tools appropriate for identification of proteinaceous additives in historical mortars. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 189-200.	1.9	18
16	Novel electrophoretic acetonitrile-based stacking for sensitive monitoring of the antiepileptic drug perampanel in human serum. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 160, 368-373.	1.4	15
17	GC-MS analysis of waxes in candle without chromatographic separations. <i>Monatshefte für Chemie</i> , 2018, 149, 1543-1548.	0.9	1
18	Analysis of triglycerides in butter, plant oils, and adulterated butter with LPGC-MS. <i>Monatshefte für Chemie</i> , 2018, 149, 1573-1578.	0.9	1

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19	Adherence with perindopril therapy: a pilot study using therapeutic drug monitoring of perindoprilat and an evaluation of the clearance estimation. <i>International Journal of Clinical Pharmacy</i> , 2017, 39, 1095-1100.	1.0	9
20	Quantification of paracetamol and 5-oxoproline in serum by capillary electrophoresis: Implication for clinical toxicology. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 616-620.	1.4	24
21	Dissociation constants of perfluoroalkanoic acids. <i>Monatshefte FÄ¼r Chemie</i> , 2017, 148, 1679-1684.	0.9	8
22	Characterization of Two Historic Smallpox Specimens from a Czech Museum. <i>Viruses</i> , 2017, 9, 200.	1.5	27
23	CE Analysis of Phospholipid Headgroups. <i>Neuromethods</i> , 2017, , 159-161.	0.2	1
24	Comparative Analysis of Volatile Defensive Secretions of Three Species of Pyrrhocoridae (Insecta: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	17
25	Direct injection mass spectrometry, thin layer chromatography, and gas chromatography of <i>Bacillus subtilis</i> phospholipids. <i>Monatshefte FÄ¼r Chemie</i> , 2016, 147, 1385-1391.	0.9	2
26	Gabapentin, Pregabalin and Vigabatrin Quantification in Human Serum by GCâ€MS After Hexyl Chloroformate Derivatization. <i>Journal of Analytical Toxicology</i> , 2016, 40, 749-753.	1.7	11
27	Simultaneous analysis of fructose and creatinine in urine samples using GCâ€MS/MS and enzymatic methods. <i>Monatshefte FÄ¼r Chemie</i> , 2016, 147, 1343-1347.	0.9	4
28	Simultaneous analysis of polar and non-polar components of cell membrane phospholipids by GC-MS. <i>Chemical Papers</i> , 2016, 70, .	1.0	0
29	Improved Flow Modulator Construction for GC – GC with Quadrupole Mass Spectrometry. <i>Journal of Chromatographic Science</i> , 2016, 54, 1481-1488.	0.7	1
30	Solution for blank and matrix difficulties encountered during phthalate analysis of edible oils by high performance liquid chromatography coupled with tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1456, 196-204.	1.8	22
31	Simultaneous and cost-effective determination of ethylene glycol and glycolic acid in human serum and urine for emergency toxicology by GC-MS. <i>Clinical Biochemistry</i> , 2015, 48, 189-191.	0.8	12
32	Identification and quantification of acidosis inducing metabolites in cases of alcohols intoxication by GCâ€MS for emergency toxicology. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 114, 16-21.	1.4	9
33	Analysis of phosphate and phosphate containing headgroups enzymatically cleaved from phospholipids of <i>Bacillus subtilis</i> by capillary electrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 7215-7220.	1.9	3
34	Simultaneous Determination of Methanol, Ethanol and Formic Acid in Serum and Urine by Headspace GC-FID. <i>Journal of Analytical Toxicology</i> , 2015, 39, 741-745.	1.7	27
35	The analysis of linear and monomethylalkanes in exhaled breath samples by GC – GC-FID and GCâ€MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 978-979, 62-69.	1.2	10
36	Gas chromatography with mass spectrometry analysis of phosphoserine, phosphoethanolamine, phosphoglycerol, and phosphate. <i>Journal of Separation Science</i> , 2015, 38, 67-72.	1.3	11

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37	Direct silylation of <i>Trypanosoma brucei</i> 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.	1.2	16
38	Fast determination of ethylene glycol, 1,2-propylene glycol and glycolic acid in blood serum and urine for emergency and clinical toxicology by GC-FID. <i>Talanta</i> , 2014, 130, 470-474.	2.9	16
39	Fast ibuprofen, ketoprofen and naproxen simultaneous determination in human serum for clinical toxicology by GC-FID. <i>Clinical Biochemistry</i> , 2014, 47, 109-111.	0.8	18
40	Capillary electrophoresis of pterin derivatives responsible for the warning coloration of Heteroptera. <i>Journal of Chromatography A</i> , 2014, 1336, 94-100.	1.8	14
41	Surfactin production enhances the level of cardiolipin in the cytoplasmic membrane of <i>Bacillus subtilis</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 2370-2378.	1.4	25
42	Solvent-free mechanochemical chlorination of hydrocarbons with CuCl ₂ . <i>Tetrahedron Letters</i> , 2013, 54, 7180-7182.	0.7	3
43	Hydrophilic interaction liquid chromatography with tandem mass spectrometric detection applied for analysis of pteridines in two <i>Graphosoma</i> species (Insecta: Heteroptera). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 930, 82-89.	1.2	16
44	Determination of C ₅ -C ₁₂ perfluoroalkyl carboxylic acids in river water samples in the Czech Republic by GC-MS after SPE preconcentration. <i>Chemosphere</i> , 2012, 87, 463-469.	4.2	30
45	Bell-shaped extraction device assisted liquid-liquid microextraction technique and its optimization using response-surface methodology. <i>Journal of Chromatography A</i> , 2012, 1230, 24-29.	1.8	30
46	Secondary alcohol dehydrogenase catalyzes the reduction of exogenous acetone to 2-propanol in <i>Trichomonas vaginalis</i> . <i>FEBS Journal</i> , 2012, 279, 2768-2780.	2.2	15
47	A simple contactless impedance probe for determination of ethanol in gasoline. <i>Analytica Chimica Acta</i> , 2011, 694, 57-60.	2.6	24
48	Accumulation and translocation of Cd metal and the Cd-induced production of glutathione and phytochelatin in <i>Vicia faba</i> L.. <i>Acta Physiologiae Plantarum</i> , 2011, 33, 1239-1248.	1.0	20
49	Development of a solid-phase extraction with capillary liquid chromatography tandem mass spectrometry for analysis of estrogens in environmental water samples. <i>Journal of Chromatography A</i> , 2011, 1218, 2127-2132.	1.8	24
50	Determination of phthalate sum in fatty food by gas chromatography. <i>Food Chemistry</i> , 2011, 124, 392-395.	4.2	47
51	Toxicity of perfluorinated carboxylic acids for aquatic organisms. <i>Interdisciplinary Toxicology</i> , 2010, 3, 73-75.	1.0	3
52	A fast derivatization procedure for gas chromatographic analysis of perfluorinated organic acids. <i>Journal of Chromatography A</i> , 2009, 1216, 8659-8664.	1.8	57
53	Polypyrrole-Coated and Polysulfate-Modified CE Capillaries. <i>Chromatographia</i> , 2009, 69, 1431-1435.	0.7	2
54	Polypyrrole-coated capillaries for capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 2005, 1079, 344-348.	1.8	4

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55	Quantification of phytochelatins in plants by reversed-phase HPLCâ€“ESIâ€“MSâ€“MS. Analytical and Bioanalytical Chemistry, 2005, 382, 1871-1876.	1.9	48
56	The Use of the D-, L- Aspartic Ratio in Decalcified Collagen from Human Dentin as an Estimator of Human Age. Journal of Forensic Sciences, 2001, 46, 1228-1231.	0.9	14
57	Spectroscopic investigation of thermal treatment of doped polypyrrole. Physical Chemistry Chemical Physics, 2000, 2, 3283-3291.	1.3	33
58	Effect of competitive doping on sensing properties of polypyrrole. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 131-137.	1.7	70
59	Direct determination of partition coefficients of volatile liquids between oil and gas by gas chromatography and its use in QSAR analysis. Chromatographia, 1992, 34, 601-606.	0.7	8