

Kazimierz Wrobel

List of Publications by Year in descending order

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156
papers

4,577
citations

109321

35
h-index

144013

57
g-index

160
all docs

160
docs citations

160
times ranked

5624
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of copper and molybdenum in nutrient solution on Cu, Mo, Fe, Mg, Ca, Zn, Na, K status in sunflower. <i>Journal of Plant Nutrition</i> , 2023, 46, 714-730.	1.9	0
2	Determination of chromium(III) picolinate in dietary supplements by flow injection - electrospray ionization - tandem mass spectrometry, using cobalt(II) picolinate as internal standard. <i>Talanta</i> , 2022, 240, 123161.	5.5	4
3	The DNA Methyltransferase Inhibitor RG108 is Converted to Activator Following Conjugation with Short Peptides. <i>International Journal of Peptide Research and Therapeutics</i> , 2022, 28, 1.	1.9	2
4	Antinociceptive effects of <i>Laelia anceps</i> Lindl. and <i>Cyrtopodium macrobulbon</i> (Lex.) G.A. Romero & Carnevali, and comparative evaluation of their metabolomic profiles. <i>Journal of Ethnopharmacology</i> , 2022, 291, 115172.	4.1	1
5	Antinociceptive and anti-inflammatory effects of <i>Cuphea aequipetala</i> Cav (Lythraceae). <i>Inflammopharmacology</i> , 2021, 29, 295-306.	3.9	11
6	Mass spectrometry-based identification of bacteria isolated from industrially contaminated site in Salamanca (Mexico) and evaluation of their potential for DDT degradation. <i>Folia Microbiologica</i> , 2021, 66, 355-369.	2.3	6
7	Pharmacological activities of <i>Asclepias curassavica</i> L. (Apocynaceae) aerial parts. <i>Journal of Ethnopharmacology</i> , 2021, 281, 114554.	4.1	10
8	A serendipitous self-assembly synthesis of CNNâ€Pt pincer complexes. <i>New Journal of Chemistry</i> , 2021, 45, 17551-17557.	2.8	3
9	The Heat Shock Protein 60 and Pap1 Participate in the <i>Sporothrix schenckii</i> -Host Interaction. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 960.	3.5	17
10	Determination of major and minor elements in Mexican red wines by microwave-induced plasma optical emission spectrometry, evaluating different calibration methods and exploring potential of the obtained data in the assessment of wine provenance. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020, 164, 105754.	2.9	22
11	Comparative evaluation of two <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> strains grown on two different carbon sources: LC-MS - based secretome study after in vivo 15N metabolic labeling. <i>International Journal of Mass Spectrometry</i> , 2020, 449, 116288.	1.5	3
12	Liquid chromatography-mass spectrometry untargeted metabolomics reveals increased levels of tryptophan indole metabolites in urine of metabolic syndrome patients. <i>European Journal of Mass Spectrometry</i> , 2020, 26, 379-387.	1.0	9
13	Different approaches in metabolomic analysis of plants exposed to selenium: a comprehensive review. <i>Acta Physiologiae Plantarum</i> , 2020, 42, 1.	2.1	23
14	Class I defensins (BraDef) from broccoli (<i>Brassica oleracea</i> var. <i>italica</i>) seeds and their antimicrobial activity. <i>World Journal of Microbiology and Biotechnology</i> , 2020, 36, 30.	3.6	4
15	Magnesiumâ€Isotope Fractionation in Chlorophyll-a Extracted from Two Plants with Different Pathways of Carbon Fixation (C3, C4). <i>Molecules</i> , 2020, 25, 1644.	3.8	12
16	Determination of sulfonated azo dyes in chili powders by MALDI-TOF MS. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 5833-5843.	3.7	12
17	Automated pre-column derivatization with 9-xanthidrol for the determination of ethyl carbamate in food matrices by high performance liquid chromatography with fluorimetric detection. <i>Journal of Food Measurement and Characterization</i> , 2019, 13, 2722-2728.	3.2	2
18	Identification of potential indicators of time-dependent tequila maturation and their determination by selected ion monitoring gas chromatographyâ€mass spectrometry, using salting-out liquidâ€liquid extraction. <i>European Food Research and Technology</i> , 2019, 245, 1421-1430.	3.3	6

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19	Impact of Cr(VI) on the oxidation of polyunsaturated fatty acids in <i>Helianthus annuus</i> roots studied by metabolomic tools. <i>Chemosphere</i> , 2019, 220, 442-451.	8.2	11
20	Rollover Cyclopalladation via Remote C-H Bond Activation of Br-Pyridinbenzothiazole: An Experimental Study. <i>ChemistrySelect</i> , 2018, 3, 4133-4139.	1.5	3
21	Functional Characterization of TvCyt2, a Member of the p450 Monooxygenases From <i>Trichoderma virens</i> Relevant During the Association With Plants and Mycoparasitism. <i>Molecular Plant-Microbe Interactions</i> , 2018, 31, 289-298.	2.6	25
22	LC-MS/MS proteomic analysis of starved <i>Bacillus subtilis</i> cells overexpressing ribonucleotide reductase (nrdEF): implications in stress-associated mutagenesis. <i>Current Genetics</i> , 2018, 64, 215-222.	1.7	9
23	Comparative evaluation of three different ELISA assays and HPLC-ESI-ITMS/MS for the analysis of N ^ε -carboxymethyl lysine in food samples. <i>Food Chemistry</i> , 2018, 243, 11-18.	8.2	44
24	N ^ε -(carboxymethyl)-l-lysine content in cheese, meat and fish products is affected by the presence of copper during elaboration process. <i>European Food Research and Technology</i> , 2018, 244, 225-234.	3.3	6
25	Production of free radicals by the Co ²⁺ /Oxone system to carry out diclofenac degradation in aqueous medium. <i>Water Science and Technology</i> , 2018, 78, 2131-2140.	2.5	11
26	Determination of copper and lead in tequila by conventional matrix-assisted laser desorption/ionization time-of-flight mass spectrometry and partial least squares regression. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 2174-2184.	1.5	5
27	Gold(⁺)-catalysed high-yielding synthesis of indenenes by direct C _{sp³} -H bond activation. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 7330-7335.	2.8	32
28	Advanced glycation end products and their receptors did not show any association with body mass parameters in metabolically healthy adolescents. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 2146-2151.	1.5	8
29	Effects of lead and lead melatonin exposure on protein and gene expression of metal transporters, proteins and the copper/zinc ratio in rats. <i>BioMetals</i> , 2018, 31, 859-871.	4.1	8
30	Application of MALDI-TOFMS Combined with Partial Least Square Regression for the Determination of Mercury and Copper in Canned Tuna, Using Dithizone as the Complexing Agent and Ag(I) as Internal Standard. <i>Food Analytical Methods</i> , 2018, 11, 2835-2846.	2.6	4
31	Determination of fatty acid methyl esters in cosmetic castor oils by flow injection electro-spray ionization high-resolution mass spectrometry. <i>International Journal of Cosmetic Science</i> , 2018, 40, 295-302.	2.6	7
32	Comparative Evaluation of Red Wine from Various European Regions Using Mass Spectrometry Tools. <i>Analytical Letters</i> , 2018, 51, 2645-2659.	1.8	8
33	Determination of Six Priority Phthalates and Di(Ethylhexyl) Adipate in Maize Tortilla by Gas Chromatography - Tandem Mass Spectrometry in Multiple Reaction Monitoring Mode. <i>Journal of the Mexican Chemical Society</i> , 2018, 62, .	0.6	3
34	Determination of total arsenic and speciation analysis in Mexican maize tortillas by hydride generation microwave plasma atomic emission spectrometry and high performance liquid chromatography inductively coupled plasma mass spectrometry. <i>Analytical Methods</i> , 2017, 9, 2059-2068.	2.7	17
35	11 beta-hydroxysteroid dehydrogenase 2 promoter methylation is associated with placental protein expression in small for gestational age newborns. <i>Steroids</i> , 2017, 124, 60-66.	1.8	11
36	<i>Allium cepa</i> L. Response to Sodium Selenite (Se(IV)) Studied in Plant Roots by a LC-MS-Based Proteomic Approach. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3995-4004.	5.2	16

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37	Effect of Cu(II) on in vitro glycation of human serum albumin by methylglyoxal: a LC-MS-based proteomic approach. <i>Metallomics</i> , 2017, 9, 132-140.	2.4	12
38	C(sp ²)-Br bond activation of Br-pyridine by neophylpalladacycle: formation of binuclear seven-membered palladacycle and bipyridine species. <i>New Journal of Chemistry</i> , 2017, 41, 8729-8733.	2.8	9
39	Phylogenomics of 2,4-Diacetylphloroglucinol-Producing <i>Pseudomonas</i> and Novel Antiglycation Endophytes from <i>Piper auritum</i> . <i>Journal of Natural Products</i> , 2017, 80, 1955-1963.	3.0	35
40	4. Food Analysis and Speciation. , 2017, , 178-260.		0
41	Methylation on RNA: A Potential Mechanism Related to Immune Priming within But Not across Generations. <i>Frontiers in Microbiology</i> , 2017, 8, 473.	3.5	48
42	Changes of Metabolomic Profile in <i>Helianthus annuus</i> under Exposure to Chromium(VI) Studied by capHPLC-ESI-QTOF-MS and MS/MS. <i>Journal of Analytical Methods in Chemistry</i> , 2017, 2017, 1-18.	1.6	10
43	What Are AGEs, Their Chemical Structure, and How Can They Be Measured?. , 2017, , 3-18.		0
44	Impact of Cadmium and Selenium Exposure on Trace Elements, Fatty Acids and Oxidative stress in <i>Lepidium sativum</i> . <i>Journal of the Mexican Chemical Society</i> , 2017, 56, .	0.6	2
45	Arachidonic and oleic acid exert distinct effects on the DNA methylome. <i>Epigenetics</i> , 2016, 11, 321-334.	2.7	52
46	Polycyclic aromatic hydrocarbons in urban tunnels of Guanajuato city (Mexico) measured in deposited dust particles and in transplanted lichen <i>Xanthoparmelia mexicana</i> (Gyeln.) Hale. <i>Environmental Science and Pollution Research</i> , 2016, 23, 11947-11956.	5.3	10
47	Associations between whole peripheral blood fatty acids and DNA methylation in humans. <i>Scientific Reports</i> , 2016, 6, 25867.	3.3	35
48	Synthesis of unsymmetrical bis-heterocycles containing the imidazo[2,1-b]thiazole framework and their benzo[d]fused analogues by an acid-free Grobke-Blackburn-Bienaymé reaction. <i>Tetrahedron Letters</i> , 2016, 57, 3556-3560.	1.4	22
49	The trans fatty acid elaidate affects the global DNA methylation profile of cultured cells and in vivo. <i>Lipids in Health and Disease</i> , 2016, 15, 75.	3.0	32
50	Application of liquid chromatography/electrospray ionization ion trap tandem mass spectrometry for the evaluation of global nucleic acids: methylation in garden cress under exposure to CuO nanoparticles. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 209-220.	1.5	5
51	Determination of SeMet and Se(IV) in biofortified yeast by ion-pair reversed phase liquid chromatography-hydride generation-microwave induced nitrogen plasma atomic emission spectrometry (HPLC-HG-MP-AES). <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 203-211.	3.0	34
52	The AGE-RAGE Axis and Its Relationship to Markers of Cardiovascular Disease in Newly Diagnosed Diabetic Patients. <i>PLoS ONE</i> , 2016, 11, e0159175.	2.5	27
53	Somatic Embryogenesis: Identified Factors that Lead to Embryogenic Repression. A Case of Species of the Same Genus. <i>PLoS ONE</i> , 2015, 10, e0126414.	2.5	58
54	Methylome analysis reveals an important role for epigenetic changes in the regulation of the <i>Arabidopsis</i> response to phosphate starvation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E7293-302.	7.1	170

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55	Melatonin reduces lead levels in blood, brain and bone and increases lead excretion in rats subjected to subacute lead treatment. <i>Toxicology Letters</i> , 2015, 233, 78-83.	0.8	11
56	Molybdenum and Copper in Four Varieties of Common Bean (<i>Phaseolus vulgaris</i>): New Data of Potential Utility in Designing Healthy Diet for Diabetic Patients. <i>Biological Trace Element Research</i> , 2015, 163, 244-254.	3.5	9
57	Effect of different glycation agents on Cu(II) binding to human serum albumin, studied by liquid chromatography, nitrogen microwave-plasma atomic-emission spectrometry, inductively-coupled-plasma mass spectrometry, and high-resolution molecular-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1149-1157.	3.7	16
58	Mechanistic insight into chromium(VI) reduction by oxalic acid in the presence of manganese(II). <i>Journal of Hazardous Materials</i> , 2015, 300, 144-152.	12.4	38
59	Dietary Advanced Glycation End Products and Their Role in Health and Disease. <i>Advances in Nutrition</i> , 2015, 6, 461-473.	6.4	252
60	Cr(VI) reduction by gluconolactone and hydrogen peroxide, the reaction products of fungal glucose oxidase: Cooperative interaction with organic acids in the biotransformation of Cr(VI). <i>Chemosphere</i> , 2015, 134, 563-570.	8.2	13
61	Determination of Small Phenolic Compounds in Tequila by Liquid Chromatography with Ion Trap Mass Spectrometry Detection. <i>Food Analytical Methods</i> , 2015, 8, 864-872.	2.6	18
62	Determination of putrescine, cadaverine, spermidine and spermine in different chemical matrices by high performance liquid chromatography with electrospray ionization with ion trap tandem mass spectrometry (HPLC with ESI with ITMS/MS). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1002, 176-184.	2.3	26
63	Straightforward Synthetic Protocol for the Introduction of Stabilized Calcium...Nucleophiles in the BODIPY Core for Advanced Sensing and Photonic Applications. <i>Chemistry - A European Journal</i> , 2015, 21, 1755-1764.	3.3	22
64	High-performance liquid chromatography determination of glyoxal, methylglyoxal, and diacetyl in urine using 4-methoxy-o-phenylenediamine as derivatizing reagent. <i>Analytical Biochemistry</i> , 2014, 449, 52-58.	2.4	28
65	Methylglyoxal is associated with bacteriostatic activity of high fructose agave syrups. <i>Food Chemistry</i> , 2014, 165, 444-450.	8.2	16
66	Application of reversed-phase high-performance liquid chromatography with fluorimetric detection for simultaneous assessment of global DNA and total RNA methylation in <i>Lepidium sativum</i> : effect of plant exposure to Cd(II) and Se(IV). <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 2397-2404.	3.7	24
67	Effect of Cd(II) and Se(IV) exposure on cellular distribution of both elements and concentration levels of glyoxal and methylglyoxal in <i>Lepidium sativum</i> . <i>Metallomics</i> , 2013, 5, 1254.	2.4	23
68	Monitoring of Phosphorus Oxide Ion for Analytical Speciation of Phosphite and Phosphate in Transgenic Plants by High-Performance Liquid Chromatography with Inductively Coupled Plasma Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 6622-6628.	5.2	7
69	Effect of cadmium (Cd(II)), selenium (Se(IV)) and their mixtures on phenolic compounds and antioxidant capacity in <i>Lepidium sativum</i> . <i>Acta Physiologiae Plantarum</i> , 2013, 35, 431-441.	2.1	45
70	Natural Decrease of Dissolved Arsenic in a Small Stream Receiving Drainages of Abandoned Silver Mines in Guanajuato, Mexico. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 91, 539-544.	2.7	6
71	New Insights into Somatic Embryogenesis: LEAFY COTYLEDON1, BABY BOOM1 and WUSCHEL-RELATED HOMEBOX4 Are Epigenetically Regulated in <i>Coffea canephora</i> . <i>PLoS ONE</i> , 2013, 8, e72160.	2.5	130
72	Dietary advanced glycation end products restriction diminishes inflammation markers and oxidative stress in patients with type 2 diabetes mellitus. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2013, 52, 22-26.	1.4	68

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73	The <i>Neurospora crassa</i> chr-1 gene is up-regulated by chromate and its encoded CHR-1 protein causes chromate sensitivity and chromium accumulation. <i>Current Genetics</i> , 2012, 58, 281-290.	1.7	23
74	Effect of melatonin administration on DNA damage and repair responses in lymphocytes of rats subchronically exposed to lead. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 742, 37-42.	1.7	20
75	KNOX1 is expressed and epigenetically regulated during in vitro conditions in <i>Agave</i> spp. <i>BMC Plant Biology</i> , 2012, 12, 203.	3.6	34
76	Perfil de Elementos Metales y de Algunos Metaloides en Aguas de Grifo de la Ciudad de Guanajuato. <i>Acta Universitaria</i> , 2012, 18, 5-10.	0.2	0
77	Selective Derivatization of Cytosine and Methylcytosine Moieties with 2-Bromoacetophenone for Submicrogram DNA Methylation Analysis by Reversed Phase HPLC with Spectrofluorimetric Detection. <i>Analytical Chemistry</i> , 2011, 83, 7999-8005.	6.5	76
78	Trace elements status in diabetes mellitus type 2: Possible role of the interaction between molybdenum and copper in the progress of typical complications. <i>Diabetes Research and Clinical Practice</i> , 2011, 91, 333-341.	2.8	110
79	<i>Fusarium oxysporum</i> Adh1 has dual fermentative and oxidative functions and is involved in fungal virulence in tomato plants. <i>Fungal Genetics and Biology</i> , 2011, 48, 886-895.	2.1	33
80	Global DNA methylation in earthworms: A candidate biomarker of epigenetic risks related to the presence of metals/metalloids in terrestrial environments. <i>Environmental Pollution</i> , 2011, 159, 2387-2392.	7.5	46
81	Human native lipoprotein-induced de novo DNA methylation is associated with repression of inflammatory genes in THP-1 macrophages. <i>BMC Genomics</i> , 2011, 12, 582.	2.8	49
82	Pentachlorophenol sorption in nylon fiber and removal by immobilized <i>Rhizopus oryzae</i> ENHE. <i>Journal of Hazardous Materials</i> , 2011, 190, 707-712.	12.4	16
83	Organomegaly and tumors in transgenic mice with targeted expression of HpaII methyltransferase in smooth muscle cells. <i>Epigenetics</i> , 2011, 6, 333-343.	2.7	7
84	Phosphorus and osmium as elemental tags for the determination of global DNA methylation—A novel application of high performance liquid chromatography inductively coupled plasma mass spectrometry in epigenetic studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 609-614.	2.3	24
85	Effect of <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> on the Soil-to-Root Translocation of Heavy Metals in Tomato Plants Susceptible and Resistant to the Fungus. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 12392-12398.	5.2	5
86	Ribonucleoside labeling with Os(VI): A methodological approach to evaluation of RNA methylation by HPLC-ICP-MS. <i>Metallomics</i> , 2010, 2, 140-146.	2.4	12
87	Exposure to organic solvents and cytogenetic damage in exfoliated cells of the buccal mucosa from shoe workers. <i>International Archives of Occupational and Environmental Health</i> , 2009, 82, 373-380.	2.3	17
88	Epigenetics: an important challenge for ICP-MS in metallomics studies. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 481-486.	3.7	30
89	Effect of <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> on the degradation of humic acid associated with Cu, Pb, and Ni: an in vitro study. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 2267-2276.	3.7	6
90	ICP-MS multi-element profiles and HPLC determination of furanic compounds in commercial tequila. <i>European Food Research and Technology</i> , 2009, 228, 951-958.	3.3	29

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91	Micro-Scale UV/Vis Spectrometric Batch Procedures by Use of an Internal Standard—A Green Chemistry Approach. <i>Spectroscopy Letters</i> , 2009, 42, 327-333.	1.0	4
92	Cr(VI) reduction by an <i>Aspergillus tubingensis</i> strain: Role of carboxylic acids and implications for natural attenuation and biotreatment of Cr(VI) contamination. <i>Chemosphere</i> , 2009, 76, 43-47.	8.2	31
93	Analytical speciation of mercury in fish tissues by reversed phase liquid chromatography—inductively coupled plasma mass spectrometry with Bi3+ as internal standard. <i>Talanta</i> , 2009, 79, 706-711.	5.5	38
94	Analytical speciation of chromium in in-vitro cultures of chromate-resistant filamentous fungi. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 392, 269-276.	3.7	16
95	Study on the protective role of selenium against cadmium toxicity in lactic acid bacteria: An advanced application of ICP-MS. <i>Journal of Hazardous Materials</i> , 2008, 153, 1157-1164.	12.4	36
96	High-performance liquid chromatography determination of 5-methyl-2'-deoxycytidine, 2'-deoxycytidine, and other deoxynucleosides and nucleosides in DNA digests. <i>Analytical Biochemistry</i> , 2008, 374, 378-385.	2.4	50
97	Serum selenium and glutathione peroxidase concentrations in type 2 diabetes mellitus patients. <i>Primary Care Diabetes</i> , 2008, 2, 81-85.	1.8	71
98	Effect of some heavy metals and soil humic substances on the phytochelatin production in wild plants from silver mine areas of Guanajuato, Mexico. <i>Chemosphere</i> , 2008, 70, 2084-2091.	8.2	47
99	Analysis of phytochelatin in nopal (<i>Opuntia ficus</i>): a metallomics approach in the soil—plant system. <i>Journal of Analytical Atomic Spectrometry</i> , 2007, 22, 897-904.	3.0	24
100	The protective effect of selenium inorganic forms against cadmium and silver toxicity in mycelia of <i>Pleurotus ostreatus</i> . <i>Mycological Research</i> , 2007, 111, 626-632.	2.5	28
101	Hexavalent chromium removal in vitro and from industrial wastes, using chromate-resistant strains of filamentous fungi indigenous to contaminated wastes. <i>Canadian Journal of Microbiology</i> , 2006, 52, 809-815.	1.7	51
102	Se-Enriched Mycelia of <i>Pleurotus ostreatus</i> : Distribution of Selenium in Cell Walls and Cell Membranes/Cytosol. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 3440-3444.	5.2	52
103	Occupational exposure to toluene and its possible causative role in renal damage development in shoe workers. <i>International Archives of Occupational and Environmental Health</i> , 2006, 79, 259-264.	2.3	14
104	Spectrophotometric assay for copper and iron in transformer oil using partial least squares regression (PLS2). <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2006, 13, 1272-1277.	2.9	5
105	Subcellular Distribution of Aluminum, Bismuth, Cadmium, Chromium, Copper, Iron, Manganese, Nickel, and Lead in Cultivated Mushrooms (<i>Agaricus bisporus</i> and <i>Pleurotus ostreatus</i>). <i>Biological Trace Element Research</i> , 2005, 106, 265-278.	3.5	30
106	Pretreatment procedures for characterization of arsenic and selenium species in complex samples utilizing coupled techniques with mass spectrometric detection. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 381, 317-331.	3.7	47
107	Determination of aldehydes in tequila by high-performance liquid chromatography with 2,4-dinitrophenylhydrazine derivatization. <i>European Food Research and Technology</i> , 2005, 221, 798-802.	3.3	27
108	Advanced glycosylation end products in skin, serum, saliva and urine and its association with complications of patients with Type 2 diabetes mellitus. <i>Journal of Endocrinological Investigation</i> , 2005, 28, 223-230.	3.3	54

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109	Metallomics Approach to Trace Element Analysis in <i>Ustilago maydis</i> Using Cellular Fractionation, Atomic Absorption Spectrometry, and Size Exclusion Chromatography with ICP-MS Detection. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 5138-5143.	5.2	21
110	Determination of methanol in o,o-dimethyldithiophosphoric acid (DMDTPA) of technical grade by UV/vis spectrophotometry and by HPLC. <i>Talanta</i> , 2005, 66, 125-129.	5.5	24
111	Studying the distribution pattern of selenium in nut proteins with information obtained from SEC-UV-ICP-MS and CE-ICP-MS. <i>Talanta</i> , 2005, 66, 153-159.	5.5	48
112	Micro Assay for Malondialdehyde in Human Serum by Extraction-Spectrophotometry Using an Internal Standard. <i>Mikrochimica Acta</i> , 2004, 148, 285-291.	5.0	15
113	Determination of 2-Mercaptobenzothiazole (MBT) in Tannery Wastewater by High Performance Liquid Chromatography with Amperometric Detection. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2004, 73, 818-824.	2.7	15
114	HPLC-ICP-MS speciation of selenium in enriched onion leaves – a potential dietary source of Se-methylselenocysteine. <i>Food Chemistry</i> , 2004, 86, 617-623.	8.2	87
115	Speciation of Arsenic in Different Types of Nuts by Ion Chromatography-Inductively Coupled Plasma Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 1458-1463.	5.2	32
116	Hydrolysis of proteins with methanesulfonic acid for improved HPLC-ICP-MS determination of seleno-methionine in yeast and nuts. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 375, 133-138.	3.7	90
117	Identification of selenium species in urine by ion-pairing HPLC-ICP-MS using laboratory-synthesized standards. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 377, 670-674.	3.7	41
118	Effect of Metal Ions on the Molecular Weight Distribution of Humic Substances Derived from Municipal Compost: Ultrafiltration and Size Exclusion Chromatography with Spectrophotometric and Inductively Coupled Plasma-MS Detection. <i>Analytical Chemistry</i> , 2003, 75, 761-767.	6.5	56
119	Environmentally friendly sample treatment for speciation analysis by hyphenated techniques. <i>Green Chemistry</i> , 2003, 5, 250-259.	9.0	18
120	Possible Adverse Effect of Chromium in Occupational Exposure of Tannery Workers.. <i>Industrial Health</i> , 2002, 40, 207-213.	1.0	64
121	Characterization of Selenium Species in Brazil Nuts by HPLC-ICP-MS and ES-MS. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 5722-5728.	5.2	127
122	Selenium speciation in low molecular weight fraction of Se-enriched yeasts by HPLC-ICP-MS: detection of selenoadenosylmethionine. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 1048-1054.	3.0	46
123	SEC-ICP-MS studies for elements binding to different molecular weight fractions of humic substances in compost extract obtained from urban solid waste. <i>Journal of Environmental Monitoring</i> , 2002, 4, 1010-1016.	2.1	21
124	Indirect extraction-spectrophotometric determination of 2-(thiocyanomethylthiol)benzothiazole in chrome tanning liquors after its breakdown to 2-mercaptobenzothiazole. <i>Talanta</i> , 2002, 56, 515-521.	5.5	7
125	Determination of As(III), As(V), monomethylarsonic acid, dimethylarsinic acid and arsenobetaine by HPLC-ICP-MS: analysis of reference materials, fish tissues and urine. <i>Talanta</i> , 2002, 58, 899-907.	5.5	89
126	HPLC-ICP-MS determination of selenium distribution and speciation in different types of nut. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 373, 454-460.	3.7	101

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