

Rodolfo G Wuilloud

List of Publications by Year in descending order

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126
papers

4,187
citations

76294

40
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129
all docs

129
docs citations

129
times ranked

3583
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitive determination of mercury in tap water by cloud point extraction pre-concentration and flow injection-cold vapor-inductively coupled plasma optical emission spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2002, 57, 365-374.	1.5	149
2	Simple approach based on ultrasound-assisted emulsification-microextraction for determination of polibrominated flame retardants in water samples by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 147-153.	1.8	106
3	Phenolic Composition in Grape (<i>Vitis vinifera</i> L. cv. Malbec) Ripened with Different Solar UV-B Radiation Levels by Capillary Zone Electrophoresis. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 2892-2898.	2.4	99
4	Room temperature ionic liquid-based microextraction for vanadium species separation and determination in water samples by electrothermal atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2009, 640, 40-46.	2.6	97
5	Gas chromatography/plasma spectrometry-an important analytical tool for elemental speciation studies. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2004, 59, 755-792.	1.5	94
6	Determination of polybrominated diphenyl ethers in water and soil samples by cloud point extraction-ultrasound-assisted back-extraction-gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 4339-4346.	1.8	94
7	Trace mercury determination in drinking and natural water samples by room temperature ionic liquid based-preconcentration and flow injection-cold vapor atomic absorption spectrometry. <i>Journal of Hazardous Materials</i> , 2009, 167, 475-481.	6.5	91
8	Emerging ionic liquid-based techniques for total-metal and metal-speciation analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 1184-1201.	5.8	90
9	Iodine speciation studies in commercially available seaweed by coupling different chromatographic techniques with UV and ICP-MS detection. <i>Journal of Analytical Atomic Spectrometry</i> , 2005, 20, 176.	1.6	86
10	Highly selective ionic liquid-based microextraction method for sensitive trace cobalt determination in environmental and biological samples. <i>Analytica Chimica Acta</i> , 2010, 662, 155-162.	2.6	84
11	Determination of inorganic selenium species in water and garlic samples with on-line ionic liquid dispersive microextraction and electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2011, 85, 2182-2188.	2.9	82
12	Development of an on-line temperature-assisted ionic liquid dispersive microextraction system for sensitive determination of vanadium in environmental and biological samples. <i>Journal of Hazardous Materials</i> , 2010, 176, 721-728.	6.5	81
13	Identification and characterization of selenium species in enriched green onion (<i>Allium fistulosum</i>) by HPLC-ICP-MS and ESI-ITMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2004, 19, 381.	1.6	76
14	Tetradecyl(trihexyl)phosphonium chloride ionic liquid single-drop microextraction for electrothermal atomic absorption spectrometric determination of lead in water samples. <i>Talanta</i> , 2010, 80, 2034-2040.	2.9	76
15	Recent advances on elemental biosorption. <i>Environmental Chemistry Letters</i> , 2019, 17, 409-427.	8.3	76
16	Cold vapor ionic liquid-assisted headspace single-drop microextraction: A novel preconcentration technique for mercury species determination in complex matrix samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2010, 25, 1432.	1.6	67
17	Arsenic speciation analysis in mono-varietal wines by on-line ionic liquid-based dispersive liquid-liquid microextraction. <i>Food Chemistry</i> , 2013, 138, 484-490.	4.2	66
18	Sensitive determination of cadmium in water samples by room temperature ionic liquid-based preconcentration and electrothermal atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2008, 628, 41-48.	2.6	64

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19	Cloud point extraction of vanadium in parenteral solutions using a nonionic surfactant (PONPE 5.0) and determination by flow injection-inductively coupled plasma optical emission spectrometry. <i>Talanta</i> , 2002, 58, 619-627.	2.9	58
20	Trace humic and fulvic acid determination in natural water by cloud point extraction/preconcentration using non-ionic and cationic surfactants with FI-UV detection. <i>Analyst</i> , The, 2003, 128, 453-458.	1.7	58
21	Selective determination of inorganic cobalt in nutritional supplements by ultrasound-assisted temperature-controlled ionic liquid dispersive liquid phase microextraction and electrothermal atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2012, 713, 56-62.	2.6	58
22	Sensitive determination of thallium species in drinking and natural water by ionic liquid-assisted ion-pairing liquid-liquid microextraction and inductively coupled plasma mass spectrometry. <i>Journal of Hazardous Materials</i> , 2013, 244-245, 380-386.	6.5	57
23	Ionic liquid-based microextraction techniques for trace-element analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 60, 54-70.	5.8	57
24	Speciation and preconcentration of vanadium(v) and vanadium(iv) in water samples by flow injection-inductively coupled plasma optical emission spectrometry and ultrasonic nebulization. <i>Analyst</i> , The, 2001, 126, 715-719.	1.7	54
25	Dispersive liquid-liquid microextraction and preconcentration of thallium species in water samples by two ionic liquids applied as ion-pairing reagent and extractant phase. <i>Talanta</i> , 2012, 88, 277-283.	2.9	54
26	Polymer-supported ionic liquid solid phase extraction for trace inorganic and organic mercury determination in water samples by flow injection-cold vapor atomic absorption spectrometry. <i>Talanta</i> , 2013, 116, 133-140.	2.9	53
27	Determination of lead in tap water by ICP-AES with flow-injection on-line adsorption preconcentration using a knotted reactor and ultrasonic nebulization. <i>Journal of Analytical Atomic Spectrometry</i> , 1999, 14, 1239-1243.	1.6	51
28	On-line preconcentration system for bismuth determination in urine by flow injection hydride generation inductively coupled plasma atomic emission spectrometry. <i>Talanta</i> , 2001, 54, 211-219.	2.9	51
29	An online ionic liquid-based microextraction system coupled to electrothermal atomic absorption spectrometry for cobalt determination in environmental samples and pharmaceutical formulations. <i>Analytical Methods</i> , 2011, 3, 664.	1.3	51
30	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.	2.9	48
31	Bioanalytical separation and preconcentration using ionic liquids. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 7597-7613.	1.9	47
32	Knotted Reactors and their Role in Flow-Injection On-line Preconcentration Systems Coupled to Atomic Spectrometry-Based Detectors. <i>Applied Spectroscopy Reviews</i> , 2005, 40, 71-101.	3.4	46
33	Selective extraction and determination of vitamin B12 in urine by ionic liquid-based aqueous two-phase system prior to high-performance liquid chromatography. <i>Talanta</i> , 2012, 97, 521-526.	2.9	46
34	DETERMINATION OF LEAD IN DRINKING WATER BY ICP-AES WITH ULTRASONIC NEBULIZATION AND FLOW-INJECTION ON-LINE PRECONCENTRATION USING AN AMBERLITE XAD-16 RESIN. <i>Analytical Letters</i> , 2002, 35, 1649-1665.	1.0	45
35	Multielemental Speciation Analysis of Fungi Porcini (<i>Boletus edulis</i>) Mushroom by Size Exclusion Liquid Chromatography with Sequential On-line UV-ICP-MS Detection. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 1315-1322.	2.4	45
36	Investigation of arsenic speciation in algae of the Antarctic region by HPLC-ICP-MS and HPLC-ESI-Ion Trap MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2006, 21, 1214.	1.6	45

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37	On-line pre-concentration system for vanadium determination in drinking water using flow injection-inductively coupled plasma atomic emission spectrometry. <i>Analytica Chimica Acta</i> , 2000, 420, 73-79.	2.6	44
38	A novel fiber-packed column for on-line preconcentration and speciation analysis of chromium in drinking water with flame atomic absorption spectrometry. <i>Talanta</i> , 2009, 77, 1290-1294.	2.9	43
39	The potential of inductively coupled plasma-mass spectrometric detection for capillary electrophoretic analysis of pesticides. <i>Electrophoresis</i> , 2005, 26, 1598-1605.	1.3	42
40	Separation and preconcentration of inorganic and organomercury species in water samples using a selective reagent and an anion exchange resin and determination by flow injection-cold vapor atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 389-394.	1.6	41
41	Ionic liquid as ion-pairing reagent for liquid-liquid microextraction and preconcentration of arsenic species in natural waters followed by ETAAS. <i>Journal of Analytical Atomic Spectrometry</i> , 2010, 25, 1485.	1.6	41
42	Determination of levothyroxine and its degradation products in pharmaceutical tablets by HPLC-UV-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2004, 19, 107.	1.6	40
43	On-line ionic liquid-based preconcentration system coupled to flame atomic absorption spectrometry for trace cadmium determination in plastic food packaging materials. <i>Talanta</i> , 2009, 78, 857-862.	2.9	40
44	Determination of As in honey samples by magnetic ionic liquid-based dispersive liquid-liquid microextraction and electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2019, 198, 146-153.	2.9	39
45	Speciation of nickel, copper, zinc, and manganese in different edible nuts: a comparative study of molecular size distribution by SEC-UV-ICP-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 379, 495-503.	1.9	37
46	Studying the effect of an ionic liquid on cloud point extraction technique for highly efficient preconcentration and speciation analysis of tellurium in water, soil and sediment samples. <i>Talanta</i> , 2020, 212, 120802.	2.9	35
47	Ionic liquid-assisted multiwalled carbon nanotube-dispersive micro-solid phase extraction for sensitive determination of inorganic As species in garlic samples by electrothermal atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2015, 110, 118-123.	1.5	33
48	Ionic liquid-assisted separation and determination of selenium species in food and beverage samples by liquid chromatography coupled to hydride generation atomic fluorescence spectrometry. <i>Journal of Chromatography A</i> , 2017, 1491, 117-125.	1.8	33
49	Determination of low cadmium concentrations in wine by on-line preconcentration in a knotted reactor coupled to an inductively coupled plasma optical emission spectrometer with ultrasonic nebulization. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 371, 989-993.	1.5	32
50	Speciation of essential and toxic elements in edible mushrooms: size-exclusion chromatography separation with on-line UV-inductively coupled plasma mass spectrometry detection. <i>Applied Organometallic Chemistry</i> , 2004, 18, 156-165.	1.7	32
51	Efficient extraction of lithium from $\hat{1}^2$ -spodumene by direct roasting with NaF and leaching. <i>Chemical Engineering Research and Design</i> , 2019, 150, 320-326.	2.7	32
52	Determination of vanadium (V) in drinking water by flow injection and pre-concentration in a knotted reactor by inductively coupled plasma optical emission spectrometry with ultrasonic nebulization. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2000, 55, 671-680.	1.5	31
53	Water deficit and exogenous ABA significantly affect grape and wine phenolic composition under in field and in-vitro conditions. <i>Plant Growth Regulation</i> , 2011, 65, 11-21.	1.8	31
54	On-line copper and iron removal and selenium(VI) pre-reduction for the determination of total selenium by flow-injection hydride generation-inductively coupled plasma optical emission spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2001, 56, 93-100.	1.5	29

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55	Magnetic ionic liquid-based dispersive liquid-liquid microextraction technique for preconcentration and ultra-trace determination of Cd in honey. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 4715-4723.	1.9	29
56	Intra-regional classification of grape seeds produced in Mendoza province (Argentina) by multi-elemental analysis and chemometrics tools. <i>Food Chemistry</i> , 2018, 242, 272-278.	4.2	28
57	On-line preconcentration and determination of chromium in parenteral solutions by flow injection-flame atomic absorption spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 31, 117-124.	1.4	27
58	Ultra-trace tellurium preconcentration and speciation analysis in environmental samples with a novel magnetic polymeric ionic liquid nanocomposite and magnetic dispersive micro-solid phase extraction with flow-injection hydride generation atomic fluorescence spectrometry detection. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2019, 162, 105705.	1.5	27
59	Simultaneous and highly sensitive determination of selenium and tellurium species in environmental samples by on-line ionic liquid based in-situ solvent formation microextraction with hydride generation atomic fluorescence spectrometry detection. <i>Talanta</i> , 2021, 222, 121460.	2.9	27
60	Determination of iodinated phenol species at parts-per-trillion concentration levels in different water samples by solid-phase microextraction/offline GC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2003, 18, 1119-1124.	1.6	26
61	Fast speciation analysis of iodophenol compounds in river waters by capillary electrophoresis-inductively coupled plasma-mass spectrometry with off-line solid-phase microextraction. <i>Electrophoresis</i> , 2004, 25, 1843-1851.	1.3	26
62	Hydride Generation Interface for Speciation Analysis Coupling Capillary Electrophoresis to Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2004, 76, 7137-7142.	3.2	26
63	Hybrid ionic liquid-3D graphene-Ni foam for on-line preconcentration and separation of Hg species in water with atomic fluorescence spectrometry detection. <i>Talanta</i> , 2020, 210, 120614.	2.9	26
64	Studies of Various Elements of Nutritional and Toxicological Interest Associated with Different Molecular Weight Fractions in Brazil Nuts. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 5773-5780.	2.4	25
65	A comparative evaluation of different ionic liquids for arsenic species separation and determination in wine varieties by liquid chromatography-hydride generation atomic fluorescence spectrometry. <i>Journal of Chromatography A</i> , 2016, 1462, 44-54.	1.8	25
66	Synergistic analytical preconcentration with ionic liquid-nanomaterial hybrids. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 97, 333-344.	5.8	25
67	Inorganic selenium speciation analysis in Allium and Brassica vegetables by ionic liquid assisted liquid-liquid microextraction with multivariate optimization. <i>Food Chemistry</i> , 2017, 219, 102-108.	4.2	24
68	Synthesis of magnetic polymeric ionic liquid nanocomposites by the Radziszewski reaction. <i>RSC Advances</i> , 2017, 7, 42979-42985.	1.7	23
69	Effects of common cooking heat treatments on selenium content and speciation in garlic. <i>Journal of Food Composition and Analysis</i> , 2018, 70, 54-62.	1.9	22
70	Separation and preconcentration of inorganic Se species in tap and natural waters using unfunctionalized nanosilica as sorption material in dispersive micro-solid phase extraction. <i>Microchemical Journal</i> , 2019, 146, 763-770.	2.3	22
71	Modeling and Separation-Detection Methods to Evaluate the Speciation of Metals for Toxicity Assessment. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2006, 9, 41-61.	2.9	21
72	Capabilities of several phosphonium ionic liquids for arsenic species determination in water by liquid-liquid microextraction and electrothermal atomic absorption spectrometry. <i>Analytical Methods</i> , 2015, 7, 490-499.	1.3	21

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73	Ultra-trace Cr preconcentration in honey samples by magnetic ionic liquid dispersive liquid-liquid microextraction and electrothermal atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020, 169, 105879.	1.5	21
74	Trace level determination of cadmium in wine by on-line preconcentration in a 5-Br-PADAP functionalized wool-packed microcolumn coupled to flame atomic absorption spectrometry. <i>Talanta</i> , 2009, 79, 1484-1488.	2.9	20
75	Organic Solvent-Free Reversed-Phase Ion-Pairing Liquid Chromatography Coupled to Atomic Fluorescence Spectrometry for Organoarsenic Species Determination in Several Matrices. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 3566-3574.	2.4	20
76	Nitrate dynamics in the soil and unconfined aquifer in arid groundwater coupled ecosystems of the Monte desert, Argentina. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	20
77	High performance preconcentration of inorganic Se species by dispersive micro-solid phase extraction with a nanosilica-ionic liquid hybrid material. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017, 138, 23-30.	1.5	20
78	A microextraction procedure based on an ionic liquid as an ion-pairing agent optimized using a design of experiments for chromium species separation and determination in water samples. <i>Analytical Methods</i> , 2013, 5, 5065.	1.3	19
79	An easily prepared graphene oxide-ionic liquid hybrid nanomaterial for micro-solid phase extraction and preconcentration of Hg in water samples. <i>Analytical Methods</i> , 2018, 10, 338-346.	1.3	19
80	Two-step separation and determination of inorganic As species in water, soil and sediment samples by implementing two ionic liquids in dispersive liquid-liquid microextraction with electrothermal atomic absorption spectrometry detection. <i>Microchemical Journal</i> , 2020, 159, 105386.	2.3	19
81	A simple preconcentration method for highly sensitive determination of Pb in bee products by magnetic ionic liquid dispersive liquid-liquid microextraction and electrothermal atomic absorption spectrometry. <i>Journal of Food Composition and Analysis</i> , 2021, 95, 103661.	1.9	19
82	Determination of Cobalt in Urine by FI-ICP-AES with Online Preconcentration. <i>Journal of Analytical Toxicology</i> , 2002, 26, 360-364.	1.7	17
83	Speciation Analysis of Non-Metallic Elements Using Plasma-Based Atomic Spectrometry for Detection. <i>Current Analytical Chemistry</i> , 2006, 2, 353-377.	0.6	16
84	Imposex and novel mechanisms of reproductive failure induced by tributyltin (TBT) in the freshwater snail <i>Pomacea canaliculata</i> . <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2365-2371.	2.2	16
85	Usefulness of ionic liquids as mobile phase modifiers in HPLC-CV-AFS for mercury speciation analysis in food. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 822-834.	1.6	16
86	Liquid-liquid microextraction based on a dispersion of Pd nanoparticles combined with ETAAS for sensitive Hg determination in water samples. <i>Talanta</i> , 2013, 108, 46-52.	2.9	15
87	Data mining approach based on chemical composition of grape skin for quality evaluation and traceability prediction of grapes. <i>Computers and Electronics in Agriculture</i> , 2019, 162, 514-522.	3.7	15
88	On-line Preconcentration System Using a Packed-Bed Filter for the Determination of Lead in Tap Water by Inductively Coupled Plasma Atomic Emission Spectrometry with Ultrasonic Nebulization.. <i>Analytical Sciences</i> , 2001, 17, 457-459.	0.8	14
89	HER2 and β -catenin protein location: importance in the prognosis of breast cancer patients and their correlation when breast cancer cells suffer stressful situations. <i>Clinical and Experimental Metastasis</i> , 2015, 32, 151-168.	1.7	14
90	Analytical developments and applications of ionic liquids for environmental studies. <i>Trends in Environmental Analytical Chemistry</i> , 2021, 31, e00131.	5.3	14

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91	Determination of Cr(VI) and Cr(III) species in parenteral solutions using a nanostructured material packed-microcolumn and electrothermal atomic absorption spectrometry. <i>Journal of Trace Elements in Medicine and Biology</i> , 2009, 23, 157-166.	1.5	13
92	Hydrogeology and hidrogeochemical modeling in phreatic aquifer of NE Mendoza, Argentina. <i>Journal of Iberian Geology</i> , 2014, 40, .	0.7	13
93	Enhanced spectrophotometric detection of Hg in water samples by surface plasmon resonance of Au nanoparticles after preconcentration with vortex-assisted liquid-liquid microextraction. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 167, 111-115.	2.0	13
94	On-Line Preconcentration and Determination of Cadmium in Honey Using Knotted Reactor Coupled to Flow Injection-Flame Atomic Absorption Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2002, 85, 1410-1414.	0.7	12
95	Title is missing!. <i>Journal of Analytical Chemistry</i> , 2002, 57, 799-801.	0.4	12
96	Determination of 2,4,6-triiodophenol and its metabolites in human urine by anion-exchange chromatography with ICP-MS detection. <i>Journal of Analytical Atomic Spectrometry</i> , 2004, 19, 1442.	1.6	12
97	Ultra-sensitive Sb speciation analysis in water samples by magnetic ionic liquid dispersive liquid-liquid microextraction and multivariate optimization. <i>Analytical Methods</i> , 2021, 13, 1033-1042.	1.3	12
98	Task-specific ionic liquids: Applications in sample preparation and the chemistry behind their selectivity. <i>Advances in Sample Preparation</i> , 2022, 1, 100004.	1.1	12
99	Development of preconcentration strategies for the simultaneous ultratrace determination of As, Cd and Pb in foods by ICP-OES: knotted-reactor <i>vs.</i> dispersive liquid-liquid microextraction. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 933-942.	1.6	11
100	State-of-the-art extraction and separation of enantiomers through the application of alternative solvents. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 157, 116733.	5.8	11
101	Gain of local structure in an amphipathic peptide does not require a specific tertiary framework. <i>Proteins: Structure, Function and Bioinformatics</i> , 2010, 78, 2757-2768.	1.5	10
102	Biosorption of Metals and Metalloids. <i>Environmental Chemistry for A Sustainable World</i> , 2018, , 35-86.	0.3	10
103	Selenium biofortification on garlic growth and other nutrients accumulation. <i>Horticultura Brasileira</i> , 2019, 37, 294-301.	0.1	10
104	Efficient Low-Cost Procedure for Microextraction of Estrogen from Environmental Water Using Magnetic Ionic Liquids. <i>Molecules</i> , 2021, 26, 32.	1.7	10
105	Determination of nitrotyrosine in <i>Arabidopsis thaliana</i> cell cultures with a mixed-mode solid-phase extraction cleanup followed by liquid chromatography time-of-flight mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1495-1503.	1.9	9
106	A freshwater symbiosis as sensitive bioindicator of cadmium. <i>Environmental Science and Pollution Research</i> , 2020, 27, 2580-2587.	2.7	9
107	Alternative solvent systems for extraction and preconcentration of trace elements. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 137, 116227.	5.8	9
108	State-of-the-art analytical methods based on ionic liquids for food and beverage analysis. , 2022, 1, 100002.		9

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109	Quality Monitoring and Authenticity Assessment of Wines: Analytical and Chemometric Methods. , 2019, , 335-384.		8
110	Distribution, accumulation and speciation of selenium at the different growth stages of four garlic clones. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2021, 38, 1506-1519.	1.1	8
111	A simple model of the diffusion phenomena taking place during the debittering process of green table olives. Grasas Y Aceites, 2011, 62, 39-48.	0.3	7
112	Activated carbon-modified knotted reactor coupled to electrothermal atomic absorption spectrometry for sensitive determination of arsenic species in medicinal herbs and tea infusions. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2015, 103-104, 49-56.	1.5	7
113	Elemental Speciation Analysis in Environmental Studies: Latest Trends and Ecological Impact. International Journal of Environmental Research and Public Health, 2021, 18, 12135.	1.2	7
114	Stability of Iron-Quercetin Complexes in Synthetic Wine under <i>In Vitro</i> Digestion Conditions. Journal of Food Science, 2014, 79, C1933-8.	1.5	6
115	Metalloproteomics analysis in human mammary cell lines treated with inorganic mercury. Journal of Trace Elements in Medicine and Biology, 2020, 58, 126441.	1.5	6
116	Title is missing!. Journal of Analytical Chemistry, 2001, 56, 77-80.	0.4	5
117	Ionic liquids. , 2021, , 427-451.		5
118	Investigation of the elemental composition and chemical association of several elements in fulvic acids dietary supplements by size-exclusion chromatography UV inductively coupled plasma mass spectrometric. Journal of Chromatography A, 2004, 1054, 313-319.	1.8	3
119	Inorganic mercury in mammary cells: viability, metal uptake but efflux?. BioMetals, 2018, 31, 69-80.	1.8	2
120	Determination of amino acid content and its enantiomeric composition in honey samples from Mendoza, Argentina. Journal of Food Processing and Preservation, 0, , e15966.	0.9	2
121	Speciation of Halogen Compounds. , 2005, , 564-597.		1
122	Modern Analytical Nanotechnologies for Beverages Quality Control. , 2020, , 71-103.		1
123	Analytical Methods for the Determination of Heavy Metals in Water. Environmental Chemistry for A Sustainable World, 2021, , 1-50.	0.3	1
124	Corrigendum to "Studying the distribution pattern of selenium in nut proteins with information obtained from SEC-UV-ICP-MS and CE-ICP-MS" [Talanta 66(1) (2005) 153-159]. Talanta, 2005, 67, 259.	2.9	0
125	Removal of arsenic using a phosphonium ionic liquid impregnated-resin. Arsenic in the Environment Proceedings, 2014, , 742-744.	0.0	0
126	Current Elemental Speciation Analysis from a Green Chemistry Perspective. Brazilian Journal of Analytical Chemistry, 2019, 6, .	0.3	0