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List of Publications by Year in descending order

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96 papers	4,585 citations	81743 39 h-index	106150 65 g-index
96 all docs	96 docs citations	96 times ranked	2934 citing authors

#	Article	IF	Citations
1	Determination of heavy metals and their speciation in lake sediments by flame atomic absorption spectrometry after a four-stage sequential extraction procedure. Analytica Chimica Acta, 2000, 413, 33-40.	2.6	238
2	Determination of trace metal ions by AAS in natural water samples after preconcentration of pyrocatechol violet complexes on an activated carbon column. Talanta, 2000, 52, 1041-1046.	2.9	216
3	Multi-element pre-concentration of heavy metal ions by solid phase extraction on Chromosorb 108. Analytica Chimica Acta, 2005, 548, 101-108.	2.6	182
4	Solid-phase extraction of Mn(II), Co(II), Ni(II), Cu(II), Cd(II) and Pb(II) ions from environmental samples by flame atomic absorption spectrometry (FAAS). Journal of Hazardous Materials, 2007, 146, 347-355.	6.5	174
5	Preconcentration of Pb(II), Cr(III), Cu(II), Ni(II) and Cd(II) ions in environmental samples by membrane filtration prior to their flame atomic absorption spectrometric determinations. Journal of Hazardous Materials, 2007, 145, 459-464.	6.5	142
6	Trace heavy metal contents of some spices and herbal plants from western Anatolia, Turkey. International Journal of Food Science and Technology, 2006, 41, 712-716.	1.3	135
7	Chromium speciation by solid phase extraction on Dowex M 4195 chelating resin and determination by atomic absorption spectrometry. Journal of Hazardous Materials, 2008, 153, 1009-1014.	6.5	127
8	Coprecipitation of heavy metals with erbium hydroxide for their flame atomic absorption spectrometric determinations in environmental samples. Talanta, 2005, 66, 1098-1102.	2.9	124
9	Preparation of a Chelating Resin by Immobilizing 1-(2-Pyridylazo) 2-Naphtol on Amberlite XAD-16 and Its Application of Solid Phase Extraction of Ni(II), Cd(II), Co(II), Cu(II), Pb(II), and Cr(III) in Natural Water Samples. Analytical Letters, 2003, 36, 641-658.	1.0	114
10	A Sorbent Extraction Procedure for the Preconcentration of Gold, Silver and Palladium on an Activated Carbon Column. Analytical Letters, 2000, 33, 513-525.	1.0	109
11	SPECIATION OF Cr(III) AND Cr(VI) IN TANNERY WASTEWATER AND SEDIMENT SAMPLES ON AMBERSORB 563 RESIN*. Analytical Letters, 2002, 35, 1437-1452.	1.0	105
12	Separation and enrichment of gold(III) from environmental samples prior to its flame atomic absorption spectrometric determination. Journal of Hazardous Materials, 2007, 149, 317-323.	6.5	105
13	A multi-element solid-phase extraction method for trace metals determination in environmental samples on Amberlite XAD-2000. Journal of Hazardous Materials, 2007, 146, 155-163.	6.5	104
14	Separation/preconcentration of trace heavy metals in urine, sediment and dialysis concentrates by coprecipitation with samarium hydroxide for atomic absorption spectrometry. Talanta, 2003, 59, 287-293.	2.9	100
15	Spectrophotometric determination of molybdenum in steel samples utilizing selective sorbent extraction on Amberlite XAD-8 resin. Analytica Chimica Acta, 1996, 322, 111-115.	2.6	99
16	SEPARATION AND ENRICHMENT OF CHROMIUM, COPPER, NICKEL AND LEAD IN SURFACE SEAWATER SAMPLES ON A COLUMN FILLED WITH AMBERLITE XAD-2000. Analytical Letters, 2001, 34, 1935-1947.	1.0	97
17	SOLID PHASE EXTRACTION OF TRACE METAL IONS WITH AMBERLITE XAD RESINS PRIOR TO ATOMIC ABSORPTION SPECTROMETRIC ANALYSIS. Instrumentation Science and Technology, 2001, 19, 329-344.	0.8	94
18	Column solid-phase extraction with Chromosorb-102 resin and determination of trace elements in water and sediment samples by flame atomic absorption spectrometry. Analytica Chimica Acta, 2002, 452, 77-83.	2.6	93

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19	Solid phase extraction method for the determination of iron, lead and chromium by atomic absorption spectrometry using Amberite XAD-2000 column in various water samples. Journal of Hazardous Materials, 2008, 153, 454-461.	6.5	81
20	Determination of some trace metals in water and sediment samples by flame atomic absorption spectrometry after coprecipitation with cerium (IV) hydroxide. Analytica Chimica Acta, 2002, 452, 231-235.	2.6	71
21	Simultaneous preconcentration of Co(II), Ni(II), Cu(II), and Cd(II) from environmental samples on Amberlite XAD-2000 column and determination by FAAS. Journal of Hazardous Materials, 2009, 162, 292-299.	6.5	71
22	Speciation and Determination of Heavy Metals in Lake Waters by Atomic Absorption Spectrometry after Sorption on Amberlite XAD-16 Resin.. Analytical Sciences, 2000, 16, 1169-1174.	0.8	70
23	Determinations of Some Trace Metals in Dialysis Solutions by Atomic Absorption Spectrometry After Preconcentration. Analytical Letters, 1993, 26, 1997-2007.	1.0	66
24	Determination of trace amounts of some metals in samples with high salt content by atomic absorption spectrometry after cobalt-diethyldithiocarbamate coprecipitation. Talanta, 1997, 44, 1017-1023.	2.9	66
25	Development of a coprecipitation system for the speciation/preconcentration of chromium in tap waters. Journal of Hazardous Materials, 2010, 173, 433-437.	6.5	64
26	Speciation analysis of inorganic Sb(III) and Sb(V) ions by using mini column filled with Amberlite XAD-8 resin. Analytica Chimica Acta, 2004, 505, 37-41.	2.6	59
27	Separation of Gold, Palladium and Platinum from Metallurgical Samples Using an Amberlite XAD-7 Resin Column Prior to Their Atomic Absorption Spectrometric Determinations. Analytical Sciences, 2003, 19, 1621-1624.	0.8	58
28	Coprecipitation of Cu(II), Ni(II), Fe(III), Cd(II), Pb(II), and Co(II) in Wastewater, Sediment, and Metallic Zinc Samples with HMDTCâ€“HMA for Flame Atomic Absorption Spectrometric Determination. Analytical Letters, 2003, 36, 987-999.	1.0	56
29	Use of an aminated Amberlite XAD-4 column coupled to flow injection cold vapour generation atomic absorption spectrometry for mercury speciation in water and fish tissue samples. Food Chemistry, 2019, 274, 487-493.	4.2	53
30	Inorganic arsenic speciation in various water samples with GFAAS using coprecipitation. International Journal of Environmental Analytical Chemistry, 2008, 88, 711-723.	1.8	50
31	Flow injection solid phase extraction with Chromosorb 102: determination of lead in soil and waters by flame atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2000, 55, 1109-1116.	1.5	48
32	SEPARATION/PRECONCENTRATION OF Cu(II), Fe(III), Pb(II), Co(II), AND Cr(III) IN AQUEOUS SAMPLES ON CELLULOSE NITRATE MEMBRANE FILTER AND THEIR DETERMINATION BY ATOMIC ABSORPTION SPECTROMETRY. Analytical Letters, 2002, 35, 1561-1574.	1.0	48
33	Solid phase extraction of gold(III) on Amberlite XAD-2000 prior to its flame atomic absorption spectrometric determination. Environmental Monitoring and Assessment, 2007, 132, 331-338.	1.3	47
34	Spectrophotometric determination of trace amounts of tungsten in geological samples after preconcentration on Amberlite XAD-1180. Talanta, 1995, 42, 1513-1517.	2.9	45
35	Solid phase extractive preconcentration coupled to gas chromatographyâ€“atomic emission detection for the determination of chlorophenols in water samples. Talanta, 2011, 85, 551-555.	2.9	45
36	Determination of lead in wine and rum samples by flow injection-hydride generation-atomic absorption spectrometry. Journal of Hazardous Materials, 2009, 162, 880-885.	6.5	43

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37	Applying magnesium hydroxide coprecipitation method for trace analysis to dialysis concentrate. Talanta, 1998, 46, 1305-1310.	2.9	41
38	ON-LINE PRECONCENTRATION SYSTEM FOR DETERMINATION OF LEAD IN WATER AND SEDIMENT SAMPLES BY FLOW INJECTION-FLAME ATOMIC ABSORPTION SPECTROMETRY. Analytical Letters, 2002, 35, 487-499.	1.0	41
39	Solid-phase extraction of Fe(III), Pb(II) and Cr(III) in environmental samples on amberlite XAD-7 and their determinations by flame atomic absorption spectrometry. Journal of Hazardous Materials, 2007, 149, 331-337.	6.5	40
40	A new approach to separation and pre-concentration of some trace metals with co-precipitation method using a triazole. Talanta, 2008, 76, 469-474.	2.9	40
41	Selective extraction of chromium(VI) using a leaching procedure with sodium carbonate from some plant leaves, soil and sediment samples. Journal of Hazardous Materials, 2010, 173, 778-782.	6.5	39
42	ON-LINE SOLID PHASE EXTRACTION SYSTEM FOR CHROMIUM DETERMINATION IN WATER SAMPLES BY FLOW INJECTION-FLAME ATOMIC ABSORPTION SPECTROMETRY. Analytical Letters, 2002, 35, 1519-1530.	1.0	38
43	Membrane filtration â€“ atomic absorption spectrometry combination for copper, cobalt, cadmium, lead and chromium in environmental samples. Environmental Monitoring and Assessment, 2007, 127, 169-176.	1.3	38
44	Determination of Some Trace Metals in Environmental Samples by Flame AAS Following Solid Phase Extraction with Amberlite XAD-2000 Resin after Complexing with 8-Hydroxyquinoline. Chinese Journal of Chemistry, 2007, 25, 196-202.	2.6	37
45	A novel strategy for chromium speciation at ultra-trace level by microsample injection flame atomic absorption spectrophotometry. Journal of Analytical Atomic Spectrometry, 2012, 27, 1509.	1.6	37
46	Speciation of Antimony Using Chromosorb 102 Resin as a Retention Medium.. Analytical Sciences, 2003, 19, 259-264.	0.8	36
47	Extractable Trace Metals Content of Dust from Vehicle Air Filters as Determined by Sequential Extraction and Flame Atomic Absorption Spectrometry. Journal of AOAC INTERNATIONAL, 2009, 92, 1196-1202.	0.7	35
48	On-line preconcentration of copper as its pyrocatechol violet complex on Chromosorb 105 for flame atomic absorption spectrometric determinations. Journal of Hazardous Materials, 2009, 163, 1298-1302.	6.5	34
49	Determination of Trace Metal Ions in SeaWater by Atomic Absorption Spectrometry After Separation/Preconcentration with Calmagite on Amberlite Xad-1180. International Journal of Environmental Analytical Chemistry, 2002, 82, 225-231.	1.8	33
50	Membrane Filtration of Iron(III), Copper(II) and Lead(II) Ions as 1â€(2â€Pyridylazo) 2â€Naphtol (PAN) for Their Preconcentration and Atomic Absorption Determinations. Journal of the Chinese Chemical Society, 2004, 51, 703-706.	0.8	31
51	Determination of total chromium by flame atomic absorption spectrometry after coprecipitation by cerium (IV) hydroxide. Environmental Monitoring and Assessment, 2008, 138, 167-172.	1.3	31
52	COBALT DETERMINATION IN NATURAL WATER AND TABLE SALT SAMPLES BY FLAME ATOMIC ABSORPTION SPECTROSCOPY/ON-LINE SOLID PHASE EXTRACTION COMBINATION. Analytical Letters, 2002, 35, 2363-2374.	1.0	29
53	Separation/Preconcentration of Copper, Lead, and Iron in Natural Water Samples on Chromosorb-105 Resin Prior to Flame Atomic Absorption Spectrometric Determinations. Analytical Letters, 2003, 36, 797-812.	1.0	29
54	Separation and Enrichment of Gallium(III) as 4-(2-Thiazolylazo) Resorcinol (TAR) Complex by Solid Phase Extraction on Amberlite XAD-4 Adsorption Resin. Analytical Letters, 2003, 36, 839-852.	1.0	28

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55	XADâ€4/PAN Solid Phase Extraction System for Atomic Absorption Spectrometric Determinations of Some Trace Metals in Environmental Samples. Analytical Letters, 2004, 37, 473-489.	1.0	28
56	Carrier element-free coprecipitation with 3-phenly-4-o-hydroxybenzylidenamino-4,5-dihydro-1,2,4-triazole-5-one for separation/preconcentration of Cr(III), Fe(III), Pb(II) and Zn(II) from aqueous solutions. Journal of Hazardous Materials, 2009, 167, 294-299.	6.5	27
57	Spectrophotometric determination of gold and palladium in anode slimes after separation with Amberlite XAD-7 resin. Analytica Chimica Acta, 1994, 293, 319-324.	2.6	26
58	New use of polypyrrole-chloride for selective preconcentration of copper prior to its determination of flame atomic absorption spectrometry. Talanta, 2010, 82, 939-944.	2.9	25
59	Determination of Gold and Palladium in Manganese and Nickel Compounds by Atomic Absorption Spectrometry After Separation by Use of Amberlite XAD-7 Resin. Analytical Letters, 1993, 26, 1025-1036.	1.0	23
60	Determination of some trace elements in high-purity aluminium, zinc and commercial steel by AAS after preconcentration on amberlite XAD-1180 resin. Mikrochimica Acta, 1997, 127, 281-286.	2.5	23
61	SOLID PHASE EXTRACTION OF SOME METAL IONS ON DIAION-20 RESIN PRIOR TO FLAME ATOMIC ABSORPTION SPECTROMETRIC ANALYSIS. Instrumentation Science and Technology, 2002, 20, 15-27.	0.8	23
62	Column Solid Phase Extraction of Copper, Iron, and Zinc Ions at Trace Levels in Environmental Samples on Amberlite XADâ€7 for Their Flame Atomic Absorption Spectrometric Determinations. Analytical Letters, 2004, 37, 1185-1201.	1.0	22
63	DETERMINATION OF Cu, Fe, Ni, Co, Pb, Cd, Mn, AND Cr IN NATURAL WATER SAMPLES AFTER SOLID PHASE EXTRACTION ON CHROMOSORB 102. Analytical Letters, 2002, 35, 2603-2616.	1.0	20
64	Speciation of Cr(III) and Cr(VI) in Environmental Samples after Solid Phase Extraction on Amberlite XADâ€“2000. Journal of the Chinese Chemical Society, 2007, 54, 625-634.	0.8	20
65	Biosorption Characteristics of Indigenous Plant Material for Trivalent Arsenic Removal from Groundwater: Equilibrium and Kinetic Studies. Separation Science and Technology, 2012, 47, 1044-1054.	1.3	20
66	Flame Atomic Absorption Spectrometric Determination of Cu(II), Co(II), Cd(II), Fe(III) and Mn(II) in Ammonium Salts and Industrial Fertilizers after PrEconcentration/Separation on Diaion HP-20. International Journal of Environmental Analytical Chemistry, 2002, 82, 197-206.	1.8	19
67	Determination of Trace Elements of Some Textiles by Atomic Absorption Spectrometry. Instrumentation Science and Technology, 2003, 21, 389-396.	0.8	19
68	Determination of Triazine Herbicides and Metabolites by Solid Phase Extraction with HPLC Analysis. Analytical Letters, 2013, 46, 2464-2477.	1.0	19
69	Application of Total Reflection X-Ray Fluorescence Spectrometry in the Textile Industry. Mikrochimica Acta, 2002, 138, 77-82.	2.5	18
70	Heavy Metal Monitoring Around the Nesting Environment of Green Sea Turtles in Turkey. Water, Air, and Soil Pollution, 2006, 169, 67-79.	1.1	17
71	Solid-Phase Extraction of Some Heavy Metal Ions on a Double-Walled Carbon Nanotube Disk and Determination by Flame Atomic Absorption Spectrometry. Journal of AOAC INTERNATIONAL, 2011, 94, 1617-1624.	0.7	14
72	Determination of Chlorophenols in Wastewater with Methyl Chloroformate Derivatization, Solid Phase Extraction, and Gas Chromatographyâ€“Mass Spectrometry. Analytical Letters, 2015, 48, 2723-2738.	1.0	14

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73	Determination of Cu, Fe, and Ni in Spices after Preconcentration on Diaionâ€HP 20 Resin as Their Zincon Complexes. Clean - Soil, Air, Water, 2011, 39, 502-507.	0.7	13
74	Dispersive liquidâ€“liquid microextraction and microsample injection system coupled with inductively coupled plasma-mass spectrometry for inorganic arsenic speciation in natural waters. International Journal of Environmental Analytical Chemistry, 2013, 93, 1065-1073.	1.8	13
75	Determination of Total Chromium at Ultratrace Levels in Water and Soil Samples by Coprecipitation Microsample Injection System Flame Atomic Absorption Spectrometry. Journal of AOAC INTERNATIONAL, 2014, 97, 1421-1425.	0.7	11
76	Determination of Lead, Iron, Manganese and Zinc in Sea Water Samples by Atomic Absorption Spectrometry after Preconcentration with Chromosorb 105. Eurasian Journal of Analytical Chemistry, 2006, 1, 42-54.	0.4	11
77	Dispersive Liquidâ€“Liquid Microextraction of Nickel Prior to Its Determination by Microsample Injection System-Flame Atomic Absorption Spectrometry. Analytical Letters, 2014, 47, 2195-2208.	1.0	10
78	Determination of Chlorophenols and Alkylphenols in Water and Juice by Solid Phase Derivative Extraction and Gas Chromatographyâ€“Mass Spectrometry. Analytical Letters, 2015, 48, 408-423.	1.0	10
79	An efficient green microextraction method of Co and Cu in environmental samples prior to their flame atomic absorption spectrometric detection. International Journal of Environmental Analytical Chemistry, 2021, 101, 2728-2741.	1.8	10
80	Ion Pair-Dispersive Liquid-Liquid Microextraction Coupled to Microsample Injection System-Flame Atomic Absorption Spectrometry For Determination of Gold at Trace Level in Real Samples. Acta Chimica Slovenica, 2015, 62, 196-203.	0.2	9
81	Determination of Copper, Cadmium and Lead in Zinc Metal by Preconcentration onto Activated Carbon Combined with Direct Current Arc Atomic Emission Spectrography. Analytical Letters, 1993, 26, 2667-2677.	1.0	8
82	Solid Phase Extraction Preconcentration Method for Simultaneous Determination of Cadmium, Lead, and Nickel in Poultry Supplements. Journal of AOAC INTERNATIONAL, 2017, 100, 1062-1069.	0.7	8
83	Chromium Speciation Using an Aminated Amberlite XAD-4 Resin Column Combined with Microsample Injection-Flame Atomic Absorption Spectrometry. Acta Chimica Slovenica, 2018, 65, 512-520.	0.2	8
84	Effectiveness of Palladium-Sodium Azide Modifier for the Direct Determination of Urinary Cadmium by Graphite-Furnace Atomic Absorption Spectrometry.. Analytical Sciences, 1999, 15, 569-573.	0.8	7
85	Determination of Some Organophosphorus and Azole Group Pesticides in Water Samples by Dispersive Liquidâ€“Liquid Microextraction Coupled with GC/MS. Journal of AOAC INTERNATIONAL, 2011, 94, 1882-1890.	0.7	7
86	Determination of Mesotrione, Simazine and Atrazine by RP- HPLC in Thermal Water, Sediment and Vegetable Samples. Analytical Chemistry Letters, 2012, 2, 206-219.	0.4	7
87	Simultaneous Solid Phase Chelate Extraction for Ultratrace Determination of Copper, Nickel, and Zinc by Microsample Injection System Coupled Flame Atomic Absorption Spectrometry. Analytical Letters, 2013, 46, 2570-2582.	1.0	7
88	Synthesis and characterisation of novel chelating resin for selective preconcentration and trace determination of Pb(II) ions in aqueous samples by innovative microsample injection system coupled flame atomic absorption spectrometry. International Journal of Environmental Analytical Chemistry, 2014, 94, 743-755.	1.8	7
89	Speciation and preconcentration of chromium in real samples by magnetic polythiophene nanoparticle solid-phase extraction (SPE) coupled with microsampling injection â€“ flame atomic absorption spectrometry (FAAS). Instrumentation Science and Technology, 2021, 49, 585-603.	0.9	6
90	Ultratrace Determination of Cr(VI) and Pb(II) by Microsample Injection System Flame Atomic Spectroscopy in Drinking Water and Treated and Untreated Industrial Effluents. Journal of Analytical Methods in Chemistry, 2013, 2013, 1-8.	0.7	5

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91	Determination of Pesticides in Soil by Mechanical Stirring-Assisted Extraction Coupled with Gas Chromatography-Mass Spectrometry. Analytical Letters, 2014, 47, 675-688.	1.0	4
92	Development of 2-acetylpyridine-4-phenyl-3-thiosemicarbazone functionalized polymeric resin for the preconcentration of metal ions prior to their ultratrace determinations by MIS-FAAS. Turkish Journal of Chemistry, 2014, 38, 553-567.	0.5	4
93	Solid-Phase Extractive Preconcentration of Trace Copper as its Calmagite Anionic Chelate using a Polyaniline Column for Flame Atomic Absorption Spectrometric Determination. Analytical Letters, 2015, 48, 632-646.	1.0	4
94	Determination of cobalt and copper in water, plant, and soil samples by magnetite nanoparticle-based solid-phase microextraction (SPME) coupled with microsample injection system-flame atomic absorption spectrometry (MIS-FAAS). Instrumentation Science and Technology, 0, , 1-19.	0.9	2
95	Schiff base-functionalised styrofoam resin for preconcentration of metal ions in wastewater and wastewater-irrigated vegetables samples. International Journal of Environmental Analytical Chemistry, 2014, 94, 1463-1477.	1.8	1
96	Development of Dispersive Liquid-Liquid Microextraction for Determination of Some Chlorophenols in Water Samples by Gas Chromatography-Mass Spectrometry. Analytical Chemistry Letters, 2011, 1, 349-360.	0.4	0