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List of Publications by Year in Descending Order

95 papers	4,090 citations	32 h-index	62 g-index
98 ext. papers	4,358 ext. citations	4.6 avg, IF	5.77 L-index

#	Paper	IF	Citations
95	A novel automatic flow-batch extraction induced by emulsion breaking platform for on-line copper determination in edible oil samples by atomic absorption spectrometry.. *Talanta*, **2022**, 244, 123423	6.2	1
94	Determination of Metals in Walnut Oils by Means of an Optimized and Validated ICP-AES Method in Conventional and Organic Farming Type Samples. *Separations*, **2021**, 8, 169	3.1	0
93	Automated Solid Phase Extraction of Cd(II), Co(II), Cu(II) and Pb(II) Coupled with Flame Atomic Absorption Spectrometry Utilizing a New Sol-Gel Functionalized Silica Sorbent. *Separations*, **2021**, 8, 100	3.1	4
92	Multi-Element Analysis Based on an Automated On-Line Microcolumn Separation/Preconcentration System Using a Novel Sol-Gel Thiocyanatopropyl-Functionalized Silica Sorbent Prior to ICP-AES for Environmental Water Samples. *Molecules*, **2021**, 26,	4.8	2
91	Sequential injection solvent dispersive micro solid phase extraction (SI-SD-μSPE) platform coupled with atomic absorption spectrometry for lead determination in water samples. *Microchemical Journal*, **2020**, 156, 104820	4.8	3
90	Automatic On-Line Purge-and-Trap Sequential Injection Analysis for Trace Ammonium Determination in Untreated Estuarine and Seawater Samples. *Molecules*, **2020**, 25,	4.8	3
89	A Novel Glass Fiber Coated with Sol-Gel Poly-Diphenylsiloxane Sorbent for the On-Line Determination of Toxic Metals Using Flow Injection Column Preconcentration Platform Coupled with Flame Atomic Absorption Spectrometry. *Molecules*, **2020**, 26,	4.8	4
88	Evaluation of polypropylene and polyethylene as sorbent packing materials in on-line preconcentration columns for trace Pb(II) and Cd(II) determination by FAAS. *Microchemical Journal*, **2019**, 148, 514-520	4.8	9
87	An On-Line Flow-Injection Sorbent Extraction System Coupled with Flame Atomic Absorption Spectrometry for Thallium Determination Using a PTFE Turning-Packed Column. *Separations*, **2019**, 6, 22	3.1	1
86	Automation in Sample Preparation and Green Analytical Perspectives. *Current Analytical Chemistry*, **2019**, 15, 705-705	1.7	1
85	Fabric fiber sorbent extraction for on-line toxic metal determination by atomic absorption spectrometry: Determination of lead and cadmium in energy and soft drinks. *Microchemical Journal*, **2018**, 137, 285-291	4.8	30
84	On-Line Fabric Disk Sorptive Extraction via a Flow Preconcentration Platform Coupled with Atomic Absorption Spectrometry for the Determination of Essential and Toxic Elements in Biological Samples. *Separations*, **2018**, 5, 34	3.1	9
83	Automatic pressure-assisted dual-headspace gas-liquid microextraction. Lab-in-syringe platform for membraneless gas separation of ammonia coupled with fluorimetric sequential injection analysis. *Analytica Chimica Acta*, **2018**, 1033, 73-80	6.6	13
82	An automatic stirring-assisted liquid-liquid microextraction system based on lab-in-syringe platform for on-line atomic spectrometric determination of trace metals. *Talanta*, **2017**, 166, 364-368	6.2	22
81	An integrated sequential injection analysis system for ammonium determination in recycled hygiene and potable water samples for future use in manned space missions. *Microchemical Journal* , **2017**, 133, 490-495	4.8	14
80	Reversed phase StrataTM-X resin as sorbent for automatic on-line solid phase extraction atomic absorption spectrometric determination of trace metals: comparison of polymeric-based sorbent materials. *International Journal of Environmental Analytical Chemistry*, **2017**, 97, 508-519	1.8	9
79	Fabric Sol–gel Phase Sorptive Extraction Technique: A Review. *Separations*, **2017**, 4, 20	3.1	35

78	Flow Injection Solid Phase Extraction for Trace Metal Determination Using a Chelating Resin and Flame Atomic Absorption Spectrometry Detection. *Analytical Letters*, **2016**, 49, 929-942	2.2	29
77	An automatic countercurrent liquid-liquid micro-extraction system coupled with atomic absorption spectrometry for metal determination. *Talanta*, **2015**, 133, 77-81	6.2	13
76	Automatic On-line Solid-phase Extraction-Electrothermal Atomic Absorption Spectrometry Exploiting Sequential Injection Analysis for Trace Vanadium, Cadmium and Lead Determination in Human Urine Samples. *Analytical Sciences*, **2015**, 31, 383-9	1.7	13
75	Size distribution of total and water-soluble fractions of particle-bound elements-assessment of possible risks via inhalation. *Environmental Science and Pollution Research*, **2015**, 22, 13412-26	5.1	18
74	A sequential injection lab-at-valve (SI-LAV) platform for hydride generation atomic absorption spectrometry (HG-AAS): on-line determination of inorganic arsenic. *Analytical Methods*, **2014**, 6, 2745-2750	2.2	11
73	Automated headspace single-drop microextraction via a lab-in-syringe platform for mercury electrothermal atomic absorption spectrometric determination after in situ vapor generation. *Journal of Analytical Atomic Spectrometry*, **2014**, 29, 1491-1498	3.7	29
72	Integrated lab-in-syringe platform incorporating a membraneless gas-liquid separator for automatic cold vapor atomic absorption spectrometry. *Analytical Chemistry*, **2013**, 85, 8968-72	7.8	19
71	On-line liquid phase micro-extraction based on drop-in-plug sequential injection lab-at-valve platform for metal determination. *Analytica Chimica Acta*, **2013**, 771, 50-5	6.6	25
70	Pressure-driven mesofluidic platform integrating automated on-chip renewable micro-solid-phase extraction for ultrasensitive determination of waterborne inorganic mercury. *Talanta*, **2013**, 110, 58-65	6.2	11
69	Automated magnetic sorbent extraction based on octadecylsilane functionalized maghemite magnetic particles in a sequential injection system coupled with electrothermal atomic absorption spectrometry for metal determination. *Talanta*, **2013**, 110, 229-35	6.2	32
68	Magnetic materials as sorbents for metal/metalloid preconcentration and/or separation. A review. *Analytica Chimica Acta*, **2013**, 789, 1-16	6.6	341
67	Advances in On-Line Hydride Generation Atomic Spectrometric Determination of Arsenic. *Analytical Letters*, **2013**, 46, 1672-1704	2.2	9
66	Advances in Liquid Phase Micro-Extraction Techniques for Metal, Metalloid and Organometallic Species Determination. *Current Analytical Chemistry*, **2013**, 9, 250-278	1.7	1
65	Advances in Liquid Phase Micro-Extraction Techniques for Metal, Metalloid and Organometallic Species Determination. *Current Analytical Chemistry*, **2013**, 9, 250-278	1.7	23
64	Unmodified Multi-Walled Carbon Nanotubes as Sorbent Material in Flow Injection on-Line Sorbent Extraction Preconcentration System for Cadmium Determination by Flame Atomic Absorption Spectrometry. *Analytical Letters*, **2012**, 45, 1098-1110	2.2	15
63	On-line cleavage of disulfide bonds by soluble and immobilized tris-(2-carboxyethyl)phosphine using sequential injection analysis. *Talanta*, **2012**, 96, 21-5	6.2	6
62	Study of bond Elut Plexa PCX cation exchange resin in flow injection column preconcentration system for metal determination by flame atomic absorption spectrometry. *Talanta*, **2012**, 97, 181-6	6.2	18
61	On-line micro-volume introduction system developed for lower density than water extraction solvent and dispersive liquid-liquid microextraction coupled with flame atomic absorption spectrometry. *Analytica Chimica Acta*, **2012**, 733, 34-7	6.6	22

60	A novel synthesis, characterization and application of Fe and Co anionic metal complex azo dyes based on environmental considerations. *Textile Reseach Journal*, **2012**, 82, 1545-1552	1.7	2
59	Flow injection dual-syringe sorbent extraction platform for metal determination in environmental matrices utilizing a new strong cation exchange sorbent micro-cartridge and flame atomic absorption spectrometry. *International Journal of Environmental Analytical Chemistry*, **2012**, 92, 1276-1288	1.8	15
58	Sequential injection ionic liquid dispersive liquid-liquid microextraction for thallium preconcentration and determination with flame atomic absorption spectrometry. *Analytical and Bioanalytical Chemistry*, **2012**, 404, 685-91	4.4	49
57	A novel synthesis, characterization and application of an anionic Cr-complexed azo dye based on environmental considerations. *Textile Reseach Journal*, **2012**, 82, 2054-2061	1.7	2
56	Sequential Injection On-Line Sorption Preconcentration Using PEEK-Turnings Packed Micro-Column for Ultra-Trace Cobalt Determination by Electrothermal Atomic Absorption Spectrometry. *Analytical Letters*, **2012**, 45, 473-484	2.2	0
55	Sequential injection dispersive liquid-liquid microextraction based on fatty alcohols and poly(etheretherketone)-turnings for metal determination by flame atomic absorption spectrometry. *Talanta*, **2011**, 84, 1215-20	6.2	59
54	The HyperSep SCX micro-cartridge for on-line flow injection inductively coupled plasma atomic emission spectrometric determination of trace elements in biological and environmental samples. *Analytical Methods*, **2011**, 3, 2108	3.2	11
53	Flow injection online solid phase extraction system using Oasis-HLB micro-cartridge for chromium(VI) and copper determination by flame atomic absorption spectrometry. *Analytical Methods*, **2011**, 3, 1392	3.2	11
52	On-line sorptive preconcentration platform incorporating a readily exchangeable Oasis HLB extraction micro-cartridge for trace cadmium and lead determination by flow injection flame atomic absorption spectrometry. *Microchemical Journal*, **2011**, 98, 66-71	4.8	41
51	Integrated lab-on-a-valve platform incorporating a sorbent microcolumn and membraneless gas-liquid separation for cold vapor generation-atomic fluorescence spectrometric assays. *Journal of Analytical Atomic Spectrometry*, **2010**, 25, 1717	3.7	19
50	A new approach to indophenol blue method for determination of ammonium in geothermal waters with high mineral content. *International Journal of Environmental Analytical Chemistry*, **2010**, 90, 115-126	1.8	51
49	Poly(etheretherketone)-turnings a novel sorbent material for lead determination by flow injection flame atomic absorption spectrometry and factorial design optimization. *Talanta*, **2010**, 81, 996-1002	6.2	23
48	On-line preconcentration and determination of nickel and zinc in natural water samples by flow injection flame atomic absorption spectrometry using PTFE-turnings for column packing. *International Journal of Environmental Analytical Chemistry*, **2010**, 90, 127-136	1.8	16
47	Development of a sequential injection dispersive liquid-liquid microextraction system for electrothermal atomic absorption spectrometry by using a hydrophobic sorbent material: determination of lead and cadmium in natural waters. *Analytica Chimica Acta*, **2010**, 668, 35-40	6.6	121
46	Development of on-line single-drop micro-extraction sequential injection system for electrothermal atomic absorption spectrometric determination of trace metals. *Analytica Chimica Acta*, **2009**, 632, 216-20	6.6	71
45	Flow injection on-line displacement/solid phase extraction system coupled with flame atomic absorption spectrometry for selective trace silver determination in water samples. *Talanta*, **2009**, 78, 144-9	6.2	43
44	On-line sequential injection dispersive liquid-liquid microextraction system for flame atomic absorption spectrometric determination of copper and lead in water samples. *Talanta*, **2009**, 79, 86-91	6.2	211
43	Recent developments in homogeneous and dispersive liquid-liquid extraction for inorganic elements determination. A review. *Talanta*, **2009**, 80, 413-21	6.2	258

42	Flow injection wetting-film extraction system for flame atomic absorption spectrometric determination of cadmium in environmental waters. *Talanta*, **2009**, 77, 1160-4	6.2	27
41	Recent Developments in Flow Injection/Sequential Injection Liquid-Liquid Extraction for Atomic Spectrometric Determination of Metals and Metalloids. *Applied Spectroscopy Reviews*, **2009**, 44, 140-167	4.5	60
40	Automatic sequential injection liquid–liquid micro-extraction system for on-line flame atomic absorption spectrometric determination of trace metal in water samples. *Talanta*, **2008**, 77, 541-545	6.2	32
39	Flow injection on-line hydrophobic sorbent extraction for flame atomic absorption spectrometric determination of cadmium in water samples. *Mikrochimica Acta*, **2008**, 160, 455-460	5.8	52
38	Optimization and comparison of two digestion methods for multi-element analysis of certified reference plant materials by ICP-AES. Application of Plackett-Burman and central composite designs. *Mikrochimica Acta*, **2008**, 160, 397-403	5.8	10
37	Use of fractional factorial design for optimization of digestion procedures followed by multi-element determination of essential and non-essential elements in nuts using ICP-OES technique. *Talanta*, **2007**, 71, 443-51	6.2	56
36	Determination of chromium(VI) and lead in water samples by on-line sorption preconcentration coupled with flame atomic absorption spectrometry using a PCTFE-beads packed column. *Talanta*, **2007**, 71, 1728-33	6.2	37
35	Determination of Selenium (IV) in Natural Waters by HG-AAS Using an Integrated Reaction Chamber Gas–liquid Separator. *Spectroscopy Letters*, **2006**, 39, 699-711	1.1	12
34	Optimized microwave-assisted decomposition method for multi-element analysis of glass standard reference material and ancient glass specimens by inductively coupled plasma atomic emission spectrometry. *Talanta*, **2006**, 68, 1448-56	6.2	10
33	Development and optimisation of a portable micro-XRF method for in situ multi-element analysis of ancient ceramics. *Talanta*, **2006**, 68, 1692-9	6.2	65
32	Determination of arsenic(III) by flow injection solid phase extraction coupled with on-line hydride generation atomic absorption spectrometry using a PTFE turnings-packed micro-column. *Analytica Chimica Acta*, **2006**, 573-574, 413-8	6.6	54
31	Investigation of four digestion procedures for multi-element determination of toxic and nutrient elements in legumes by inductively coupled plasma-optical emission spectrometry. *Analytica Chimica Acta*, **2006**, 565, 81-88	6.6	31
30	Evaluation of polychlorotrifluoroethylene as sorbent material for on-line solid phase extraction systems: determination of copper and lead by flame atomic absorption spectrometry in water samples. *Analytica Chimica Acta*, **2006**, 575, 126-32	6.6	49
29	On-line speciation of mercury and methylmercury by cold vapour atomic absorption spectrometry using selective solid phase extraction. *Journal of Analytical Atomic Spectrometry*, **2005**, 20, 63	3.7	31
28	On-line slurry formation and nebulization for inductively coupled plasma atomic emission spectrometry. Multi-element analysis of cocoa and coffee powder samples. *Journal of Analytical Atomic Spectrometry*, **2005**, 20, 1280	3.7	15
27	Direct determination of toxic trace metals in honey and sugars using inductively coupled plasma atomic emission spectrometry. *Talanta*, **2005**, 65, 92-7	6.2	99
26	On-line emulsion formation and multi-element analysis of edible oils by inductively coupled plasma atomic emission spectrometry. *Analytica Chimica Acta*, **2005**, 537, 271-278	6.6	67
25	Determination of arsenic(III) and total inorganic arsenic in water samples using an on-line sequential insertion system and hydride generation atomic absorption spectrometry. *Analytica Chimica Acta*, **2005**, 547, 237-242	6.6	30

24	Development and Validation of Routine Analysis Methods for the Determination of Essential, Nonessential, and Toxic Minor and Trace Elements in Cereal and Cereal Flour Samples by Inductively Coupled Plasma Atomic Emission Spectrometry. *Journal of AOAC INTERNATIONAL*, **2005**, 88, 1797-1810	1.7	6
23	Comparison of a portable micro-X-ray fluorescence spectrometry with inductively coupled plasma atomic emission spectrometry for the ancient ceramics analysis. *Spectrochimica Acta, Part B: Atomic Spectroscopy*, **2004**, 59, 1877-1884	3.1	30
22	Time-based on-line preconcentration cold vapour generation procedure for ultra-trace mercury determination with inductively coupled plasma atomic emission spectrometry. *Analytical and Bioanalytical Chemistry*, **2004**, 379, 764-9	4.4	50
21	Microwave-assisted versus conventional decomposition procedures applied to a ceramic potsherd standard reference material by inductively coupled plasma atomic emission spectrometry. *Analytica Chimica Acta*, **2004**, 505, 173-181	6.6	17
20	On-line liquid-liquid extraction system using a new phase separator for flame atomic absorption spectrometric determination of ultra-trace cadmium in natural waters. *Talanta*, **2004**, 62, 437-43	6.2	94
19	Development of a sequential injection system for trace mercury determination by cold vapour atomic absorption spectrometry utilizing an integrated gas-liquid separator/reactor. *Talanta*, **2004**, 64, 1053-7	6.2	27
18	On-line preconcentration of mercury using an integrated column/gas-liquid separator (PCGLS) and cold vapour atomic absorption spectrometry. *Journal of Analytical Atomic Spectrometry*, **2003**, 18, 1274	3.7	9
17	Development of an on-line solvent extraction system for electrothermal atomic absorption spectrometry utilizing a new gravitational phase separator. Determination of cadmium in natural waters and urine samples. *Journal of Analytical Atomic Spectrometry*, **2003**, 18, 1400	3.7	51
16	Gallium trace on-line preconcentration/separation and determination using a polyurethane foam mini-column and flame atomic absorption spectrometry. Application in aluminum alloys, natural waters and urine. *Talanta*, **2003**, 60, 929-36	6.2	33
15	Assessment of the surface water quality in Northern Greece. *Water Research*, **2003**, 37, 4119-24	12.5	781
14	Evaluation of different calibration methods in inductively coupled plasma atomic emission spectrometric analysis of certified glass materials and archaeological glass specimens. *Journal of Analytical Atomic Spectrometry*, **2003**, 18, 358-366	3.7	2
13	Cobalt ultra-trace on-line preconcentration and determination using a PTFE turnings packed column and electrothermal atomic absorption spectrometry. Applications in natural waters and biological samples. *Journal of Analytical Atomic Spectrometry*, **2002**, 17, 1330-1334	3.7	27
12	Flame atomic absorption spectrometric determination of chromium(VI) by on-line preconcentration system using a PTFE packed column. *Talanta*, **2002**, 57, 15-22	6.2	91
11	Determination of lead by on-line solid phase extraction using a PTFE micro-column and flame atomic absorption spectrometry. *Talanta*, **2002**, 57, 919-27	6.2	56
10	On-line preconcentration and determination of copper, lead and chromium(VI) using unloaded polyurethane foam packed column by flame atomic absorption spectrometry in natural waters and biological samples. *Talanta*, **2002**, 58, 831-40	6.2	96
9	Stopped-flow injection liquid-liquid extraction spectrophotometric determination of palladium in airborne particulate matter and automobile catalysts. *Talanta*, **2001**, 54, 37-43	6.2	77
8	On-line solid phase extraction system using PTFE packed column for the flame atomic absorption spectrometric determination of copper in water samples. *Talanta*, **2001**, 54, 935-42	6.2	72
7	Determination of Lead, Cadmium and Mercury in Surface Marine Sediments and Mussels. *International Journal of Environmental Analytical Chemistry*, **2001**, 80, 153-166	1.8	4

6	Selective stopped-flow injection spectrophotometric determination of palladium(II) in hydrogenation and automobile exhaust gas converter catalysts. *Analytica Chimica Acta*, **2000**, 412, 161-167	6.6	12
5	Spectrophotometric Determination of Phenols and Cyanides After Distillation from Natural Waters. *International Journal of Environmental Analytical Chemistry*, **2000**, 78, 353-365	1.8	2
4	Direct, selective flow injection spectrophotometric determination of calcium in wines using methylthymol blue and an on-line cascade dilution system. *Analytica Chimica Acta*, **1999**, 402, 259-266	6.6	10
3	Simultaneous Determination of Selenocyanate and Thiocyanate Ions in the Presence of Cyanide by Oxidation with bis (Trifluoroacetoxy) iodobenzene. *Analytical Letters*, **1984**, 17, 1511-1517	2.2	3
2	Extraction of Copper(II) from Aqueous Thiocyanate Solutions into Chloroform and Subsequent Spectrophotometric Determination. *Analytical Letters*, **1984**, 17, 2359-2368	2.2	2
1	An automatic on-line sorptive extraction platform for palladium determination in automobile exhaust catalysts based on a PTFE-turnings packed column, flow injection analysis and flame atomic absorption spectrometry. *International Journal of Environmental Analytical Chemistry*,1-13	1.8	2