Martin Resano

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5961216/publications.pdf

Version: 2024-02-01

125	4,509	87401	156644
papers	citations	40 h-index	58 g-index

132	132	132	2774
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Living in a transient world: ICP-MS reinvented via time-resolved analysis for monitoring single events. Chemical Science, 2022, 13, 4436-4473.	3.7	35
2	A novel approach for adapting the standard addition method to single particle-ICP-MS for the accurate determination of NP size and number concentration in complex matrices. Analytica Chimica Acta, 2022, 1205, 339738.	2.6	15
3	Determination of Cu in bloodviadirect analysis of dried blood spots using high-resolution continuum source graphite furnace atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2021, 36, 1666-1677.	1.6	6
4	An insight into the determination of size and number concentration of silver nanoparticles in blood using single particle ICP-MS (spICP-MS): feasibility of application to samples relevant to in vivo toxicology studies. Journal of Analytical Atomic Spectrometry, 2021, 36, 1180-1192.	1.6	16
5	Laser ablation of microdroplets for copper isotopic analysis via MC-ICP-MS. Analysis of serum microsamples for the diagnosis and follow-up treatment of Wilson's disease. Journal of Analytical Atomic Spectrometry, 2021, 36, 968-980.	1.6	13
6	Glossary of methods and terms used in analytical spectroscopy (IUPAC Recommendations 2019). Pure and Applied Chemistry, 2021, 93, 647-776.	0.9	13
7	To shift, or not to shift: adequate selection of an internal standard in mass-shift approaches using tandem ICP-mass spectrometry (ICP-MS/MS). Journal of Analytical Atomic Spectrometry, 2021, 36, 1135-1149.	1.6	15
8	Time-absorbance profile ratio background correction: introducing TAP to correct for spectral overlap in high-resolution continuum source graphite furnace atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2021, 36, 2370-2382.	1.6	6
9	Evaluation of electrothermal vaporization for sample introduction aiming at Cu isotopic analysis via multicollector-inductively coupled plasma mass spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2021, 185, 106306.	1.5	2
10	Extraction induced by microemulsion breaking as a novel tool for the simultaneous determination of Cd, Mn, Pb and Sb in gasoline samples by ICP-MS and discrete sample introduction. Talanta, 2020, 206, 120230.	2.9	17
11	A simple and direct atomic absorption spectrometry method for the direct determination of Hg in dried blood spots and dried urine spots prepared using various microsampling devices. Journal of Analytical Atomic Spectrometry, 2020, 35, 136-144.	1.6	13
12	Introducing multi-energy ratios as an alternative to multi-energy calibration for Br determination via high-resolution continuum source graphite furnace molecular absorption spectrometry. A case study. Journal of Analytical Atomic Spectrometry, 2020, 35, 2606-2619.	1.6	1
13	Breaking the boundaries in spectrometry. Molecular analysis with atomic spectrometric techniques. TrAC - Trends in Analytical Chemistry, 2020, 129, 115955.	5.8	23
14	Understanding polyatomic interference in the determination of phosphorus via PO molecules using high-resolution continuum source graphite furnace molecular absorption spectrometry with direct solid analysis. Journal of Analytical Atomic Spectrometry, 2020, 35, 2305-2314.	1.6	5
15	Calcium isotope determination in urine samples via the monitoring of ⁴⁴CaF and ⁴⁰CaF molecules by high-resolution continuum source graphite furnace molecular absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2019, 34, 2280-2287.	1.6	7
16	Quo vadishigh-resolution continuum source atomic/molecular absorption spectrometry?. Journal of Analytical Atomic Spectrometry, 2019, 34, 59-80.	1.6	30
17	On the effect of using collision/reaction cell (CRC) technology in single-particle ICP-mass spectrometry (SP-ICP-MS). Analytica Chimica Acta, 2019, 1077, 95-106.	2.6	56
18	A sustainable and simple energy dispersive X-ray fluorescence method for sulfur determination at trace levels in biodiesel samples via formation of biodiesel spots on a suitable solid support. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2019, 156, 7-12.	1.5	6

#	Article	IF	Citations
19	Dried matrix spots and clinical elemental analysis. Current status, difficulties, and opportunities. TrAC - Trends in Analytical Chemistry, 2018, 99, 75-87.	5.8	49
20	Energy dispersive X-ray fluorescence spectrometry for the direct multi-element analysis of dried blood spots. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2018, 139, 13-19.	1.5	9
21	The JAAS community: we few, we lucky few, we band of brothers. Journal of Analytical Atomic Spectrometry, 2017, 32, 9-10.	1.6	0
22	Overcoming spectral overlap via inductively coupled plasma-tandem mass spectrometry (ICP-MS/MS). A tutorial review. Journal of Analytical Atomic Spectrometry, 2017, 32, 1660-1679.	1.6	138
23	Thallium in spruce needles: a comparison of the analytical capabilities of spectrochemical methods. Analytical Methods, 2017, 9, 705-715.	1.3	6
24	Analysis of whole blood by ICP-MS equipped with a high temperature total sample consumption system. Journal of Analytical Atomic Spectrometry, 2017, 32, 78-87.	1.6	25
25	Direct mercury determination in blood and urine by means of high-resolution continuum source graphite furnace atomic absorption spectrometry using gold nanoparticles as a chemical modifier. Journal of Analytical Atomic Spectrometry, 2017, 32, 2352-2359.	1.6	14
26	Cerebrospinal fluid elemental analysis by using a total sample consumption system operated at high temperature adapted to inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 2017, 32, 1916-1924.	1.6	9
27	Characterization of SiO₂nanoparticles by single particle-inductively coupled plasma-tandem mass spectrometry (SP-ICP-MS/MS). Journal of Analytical Atomic Spectrometry, 2017, 32, 2140-2152.	1.6	40
28	Determination of chlorine via the CaCl molecule by high-resolution continuum source graphite furnace molecular absorption spectrometry and direct solid sample analysis. Talanta, 2017, 162, 354-361.	2.9	18
29	Br isotope determination via the monitoring of CaBr transitions using high-resolution continuum source graphite furnace molecular absorption spectrometry. Potential for direct determination of Br in solid samples using isotope dilution. Journal of Analytical Atomic Spectrometry, 2016, 31, 1381-1390.	1.6	24
30	Determination of ultra-trace amounts of prosthesis-related metals in whole blood using volumetric absorptive micro-sampling and tandem ICP â€“ Mass spectrometry. Analytica Chimica Acta, 2016, 941, 1-9.	2.6	33
31	High-resolution continuum source graphite furnace atomic absorption spectrometry for the monitoring of Au nanoparticles. Journal of Analytical Atomic Spectrometry, 2016, 31, 2233-2241.	1.6	25
32	A simple dilute-and-shoot approach for the determination of ultra-trace levels of arsenic in biological fluids via ICP-MS using CH₃F/He as a reaction gas. Journal of Analytical Atomic Spectrometry, 2016, 31, 245-251.	1.6	17
33	Laser ablation-tandem ICP-mass spectrometry (LA-ICP-MS/MS) for direct Sr isotopic analysis of solid samples with high Rb/Sr ratios. Journal of Analytical Atomic Spectrometry, 2016, 31, 464-472.	1.6	46
34	Tandem ICP-mass spectrometry for Sr isotopic analysis without prior Rb/Sr separation. Journal of Analytical Atomic Spectrometry, 2016, 31, 303-310.	1.6	55
35	Direct analysis of dried blood spots by femtosecond-laser ablation-inductively coupled plasma-mass spectrometry. Feasibility of split-flow laser ablation for simultaneous trace element and isotopic analysis. Journal of Analytical Atomic Spectrometry, 2015, 30, 296-309.	1.6	43
36	Chlorine isotope determination via the monitoring of the AlCl molecule by high-resolution continuum source graphite furnace molecular absorption spectrometry â€“ a case study. Journal of Analytical Atomic Spectrometry, 2015, 30, 1531-1540.	1.6	27

#	Article	IF	Citations
37	Lead screening in DBS by solid sampling high-resolution continuum source graphite furnace atomic absorption spectrometry: application to newborns and pregnant women. Bioanalysis, 2015, 7, 2057-2070.	0.6	13
38	Inductively coupled plasma â€“ Tandem mass spectrometry (ICP-MS/MS): A powerful and universal tool for the interference-free determination of (ultra)trace elements â€“ A tutorial review. Analytica Chimica Acta, 2015, 894, 7-19.	2.6	275
39	Determination of palladium, platinum and rhodium in used automobile catalysts and active pharmaceutical ingredients using high-resolution continuum source graphite furnace atomic absorption spectrometry and direct solid sample analysis. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2015, 105, 38-46.	1.5	32
40	Interference-free determination of ultra-trace concentrations of arsenic and selenium using methyl fluoride as a reaction gas in ICPâ€“MS/MS. Analytical and Bioanalytical Chemistry, 2015, 407, 919-929.	1.9	63
41	Progress in the determination of metalloids and non-metals by means of high-resolution continuum source atomic or molecular absorption spectrometry. A critical review. Analytical and Bioanalytical Chemistry, 2014, 406, 2239-2259.	1.9	65
42	Accurate determination of ultra-trace levels of Ti in blood serum using ICP-MS/MS. Analytica Chimica Acta, 2014, 809, 1-8.	2.6	86
43	Potential of Methyl Fluoride as a Universal Reaction Gas to Overcome Spectral Interference in the Determination of Ultratrace Concentrations of Metals in Biofluids Using Inductively Coupled Plasma-Tandem Mass Spectrometry. Analytical Chemistry, 2014, 86, 7969-7977.	3.2	50
44	High-resolution continuum source graphite furnace atomic absorption spectrometry for direct analysis of solid samples and complex materials: a tutorial review. Journal of Analytical Atomic Spectrometry, 2014, 29, 2229-2250.	1.6	81
45	Copper and tin isotopic analysis of ancient bronzes for archaeological investigation: development and validation of a suitable analytical methodology. Analytical and Bioanalytical Chemistry, 2013, 405, 2973-2986.	1.9	47
46	Simultaneous determination of Co, Fe, Ni and Pb in carbon nanotubes by means of solid sampling high-resolution continuum source graphite furnace atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2013, 28, 657.	1.6	49
47	High-resolution continuum source atomic absorption spectrometry for the simultaneous or sequential monitoring of multiple lines. A critical review of current possibilities. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2013, 88, 85-97.	1.5	65
48	Cross-Sectional Relationship Between Chronic Stress and Mineral Concentrations in Hair of Elementary School Girls. Biological Trace Element Research, 2013, 153, 41-49.	1.9	7
49	Hair Minerals and Metabolic Health in Belgian Elementary School Girls. Biological Trace Element Research, 2013, 151, 335-343.	1.9	13
50	Isotope ratio mapping by means of laser ablation-single collector-ICP-mass spectrometry: Zn tracer studies in thin sections of Daphnia magna. Journal of Analytical Atomic Spectrometry, 2013, 28, 1005.	1.6	22
51	Isotopic analysis of Cu in serum samples for diagnosis of Wilson's disease: a pilot study. Journal of Analytical Atomic Spectrometry, 2013, 28, 675.	1.6	74
52	Direct determination of Cu isotope ratios in dried urine spots by means of fs-LA-MC-ICPMS. Potential to diagnose Wilson's disease. Journal of Analytical Atomic Spectrometry, 2013, 28, 98-106.	1.6	54
53	Direct determination of bromine in plastic materials by means of solid sampling high-resolution continuum source graphite furnace molecular absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2013, 88, 32-39.	1.5	28
54	A dried urine spot test to simultaneously monitor Mo and Ti levels using solid sampling high-resolution continuum source graphite furnace atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2013, 81, 11-19.	1.5	36

#	Article	IF	Citations
55	Accurate determination of S in organic matrices using isotope dilution ICP-MS/MS. Journal of Analytical Atomic Spectrometry, 2013, 28, 33-39.	1.6	88
56	Potential of solid sampling high-resolution continuum source graphite furnace atomic absorption spectrometry to monitor the Ag body burden in individual Daphnia magna specimens exposed to Ag nanoparticles. Analytical Methods, 2013, 5, 1130.	1.3	23
57	Direct Trace-Elemental Analysis of Urine Samples by Laser Ablation-Inductively Coupled Plasma Mass Spectrometry after Sample Deposition on Clinical Filter Papers. Analytical Chemistry, 2012, 84, 8682-8690.	3.2	32
58	Direct analysis of silica by means of solid sampling graphite furnace atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2012, 71-72, 24-30.	1.5	8
59	The use of liposomes to differentiate between the effects of nickel accumulation and altered food quality in Daphnia magna exposed to dietary nickel. Aquatic Toxicology, 2012, 109, 80-89.	1.9	11
60	Mineral Concentrations in Hair of Belgian Elementary School Girls: Reference Values and Relationship with Food Consumption Frequencies. Biological Trace Element Research, 2012, 150, 56-67.	1.9	20
61	Laser ablation-inductively coupled plasma-mass spectrometry using a double-focusing sector field mass spectrometer of Mattauchâ€“Herzog geometry and an array detector for the determination of platinum group metals and gold in NiS buttons obtained by fire assay of platiniferous ores. Journal of Analytical Atomic Spectrometry, 2012, 27, 165-173.	1.6	42
62	Direct determination of sulfur in solid samples by means of high-resolution continuum source graphite furnace molecular absorption spectrometry using palladium nanoparticles as chemical modifier. Journal of Analytical Atomic Spectrometry, 2012, 27, 401.	1.6	54
63	Al determination in whole blood samples as AlF via high-resolution continuum source graphite furnace molecular absorption spectrometry: potential application to forensic diagnosis of drowning. Journal of Analytical Atomic Spectrometry, 2011, 26, 1964.	1.6	25
64	The 14th European Winter Conference on Plasma Spectrochemistry. Journal of Analytical Atomic Spectrometry, 2011, 26, 1559.	1.6	2
65	Liposomes as an alternative delivery system for investigating dietary metal toxicity to Daphnia magna. Aquatic Toxicology, 2011, 105, 661-668.	1.9	16
66	High-resolution continuum source graphite furnace atomic absorption spectrometry: Is it as good as it sounds? A critical review. Analytical and Bioanalytical Chemistry, 2011, 399, 323-330.	1.9	55
67	On the possibilities of high-resolution continuum source graphite furnace atomic absorption spectrometry for the simultaneous or sequential monitoring of multiple atomic lines. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2011, 66, 321-328.	1.5	53
68	Laser ablationâ€inductively coupled plasma mass spectrometry in archaeometric research. Mass Spectrometry Reviews, 2010, 29, 55-78.	2.8	77
69	Laser ablation single-collector inductively coupled plasma mass spectrometry for lead isotopic analysis to investigate evolution of the Bilbilis mint. Analytica Chimica Acta, 2010, 677, 55-63.	2.6	25
70	Femtosecond laser ablation-ICP-mass spectrometry analysis of a heavy metallic matrix: Determination of platinum group metals and gold in lead fire-assay buttons as a case study. Journal of Analytical Atomic Spectrometry, 2010, 25, 1259.	1.6	42
71	Direct determination of Zn in individual Daphnia magna specimens by means of solid sampling high-resolution continuum source graphite furnace atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2010, 25, 503.	1.6	26
72	Solid sampling high-resolution continuum source graphite furnace atomic absorption spectrometry to monitor the biodistribution of gold nanoparticles in mice tissue after intravenous administration. Journal of Analytical Atomic Spectrometry, 2010, 25, 1864.	1.6	30

#	Article	IF	Citations
73	Isotope ratio determination by laser ablation-single collector-inductively coupled plasma-mass spectrometry. General capabilities and possibilities for improvement. Journal of Analytical Atomic Spectrometry, 2010, 25, 390.	1.6	24
74	Materials and technological evolution of ancient cobalt-blue-decorated ceramics: Pigments and work patterns in tin-glazed objects from Aragon (Spain) from the 15th to the 18th century AD. Journal of the European Ceramic Society, 2009, 29, 2499-2509.	2.8	40
75	Direct determination of Hg in polymers by solid sampling-graphite furnace atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2009, 64, 520-529.	1.5	55
76	Electrothermal vaporizationâ€“inductively coupled plasma-mass spectrometry: A versatile tool for tackling challenging samples. Analytica Chimica Acta, 2009, 648, 23-44.	2.6	89
77	Direct determination of phosphorus in biological samples using a solid sampling-high resolution-continuum source electrothermal spectrometer: comparison of atomic and molecular absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2009, 24, 1343.	1.6	42
78	Extending the capabilities of electrothermal vaporization-inductively coupled plasma mass spectrometry (ETV-ICPMS): Coupling the graphite furnace to a sector field instrument. Journal of Analytical Atomic Spectrometry, 2009, 24, 484.	1.6	15
79	Determination of toxic trace impurities in titanium dioxide by solid sampling-electrothermal vaporization-inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 2009, 24, 41-50.	1.6	33
80	Electrothermal vaporization for sample introduction in atomic absorption, atomic emission and plasma mass spectrometryâ€”a critical review with focus on solid sampling and slurry analysis. Journal of Analytical Atomic Spectrometry, 2008, 23, 1450.	1.6	144
81	Laser ablation-inductively coupled plasma-dynamic reaction cell-mass spectrometry for the determination of lead isotope ratios in ancient glazed ceramics for discriminating purposes. Journal of Analytical Atomic Spectrometry, 2008, 23, 1182.	1.6	43
82	Characterization of cobalt pigments found in traditional Valencian ceramics by means of laser ablation-inductively coupled plasma mass spectrometry and portable X-ray fluorescence spectrometry. Talanta, 2008, 74, 1271-1280.	2.9	59
83	Novel strategies for rapid trace element analysis of polyamide by graphite furnace atomic absorption spectrometry and inductively coupled plasma mass spectrometry. Dissolution in an organic solvent versus direct solid sampling approaches.. Journal of Analytical Atomic Spectrometry, 2008, 23, 500.	1.6	13
84	Laser ablation-inductively coupled plasma-dynamic reaction cell-mass spectrometry for the determination of platinum group metals and gold in NiS buttons obtained by fire assay of platiniferous ores. Journal of Analytical Atomic Spectrometry, 2008, 23, 1599.	1.6	24
85	Laser Ablation-Inductively Coupled Plasma Mass Spectrometry for the Characterization of Pigments in Prehistoric Rock Art. Analytical Chemistry, 2007, 79, 8947-8955.	3.2	38
86	Minimally-invasive filter paper test in combination with solid sampling-graphite furnace atomic absorption spectrometry for Pb determination in whole blood. Journal of Analytical Atomic Spectrometry, 2007, 22, 1250.	1.6	31
87	Rapid screening method for arsenic speciation by combining thin layer chromatography and laser ablation-inductively coupled plasma-dynamic reaction cell-mass spectrometry. Journal of Analytical Atomic Spectrometry, 2007, 22, 1158.	1.6	54
88	Solid sampling in the determination of precious metals at ultratrace levels. TrAC - Trends in Analytical Chemistry, 2007, 26, 385-395.	5.8	39
89	Solid sampling-graphite furnace atomic absorption spectrometry for the direct determination of boron in plant tissues. Analytica Chimica Acta, 2007, 582, 214-222.	2.6	33
90	Comparison of atomic absorption, mass and X-ray spectrometry techniques using dissolution-based and solid sampling methods for the determination of silver in polymeric samples. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2007, 62, 1185-1194.	1.5	24

#	Article	IF	Citations
91	Direct multi-element analysis of a fluorocarbon polymer via solid sampling-electrothermal vaporization-inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 2006, 21, 891-898.	1.6	32
92	Solid sampling-electrothermal vaporization-inductively coupled plasma mass spectrometry for the direct determination of traces of boron in biological materials using isotope dilution for calibration. Journal of Analytical Atomic Spectrometry, 2006, 21, 1036-1044.	1.6	19
93	Comparison of the solid sampling techniques laser ablation-ICP-MS, glow discharge-MS and spark-OES for the determination of platinum group metals in Pb buttons obtained by fire assay of platiniferous ores. Journal of Analytical Atomic Spectrometry, 2006, 21, 899-909.	1.6	39
94	Solid sampling-graphite furnace atomic absorption spectrometry for the direct determination of silver at trace and ultratrace levels. Analytica Chimica Acta, 2006, 571, 142-149.	2.6	40
95	Solid Sampling GFAAS and ICPMS for the Determination of Trace Amounts of Palladium. , 2006, , 119-134.		0
96	Solid samplingâ€“electrothermal vaporizationâ€“inductively coupled plasma mass spectrometry for the direct determination of Hg in different materials using isotope dilution with a gaseous phase for calibration. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2005, 60, 319-326.	1.5	24
97	Laser ablationâ€“inductively coupled plasmaâ€“dynamic reaction cellâ€“mass spectrometry for the multi-element analysis of polymers. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2005, 60, 1472-1481.	1.5	42
98	Solid sampling-graphite furnace atomic absorption spectrometry for the direct determination of Au in samples of various natures. Journal of Analytical Atomic Spectrometry, 2005, 20, 479-481.	1.6	14
99	Solid sampling-electrothermal vaporization-inductively coupled plasma mass spectrometry for the direct determination of traces of iodine. Journal of Analytical Atomic Spectrometry, 2005, 20, 81.	1.6	26
100	Solid sampling-graphite furnace atomic absorption spectrometry for Hg monitoring in soils. Performance as a quantitative and as a screening method. Journal of Analytical Atomic Spectrometry, 2005, 20, 1374.	1.6	33
101	Laser ablation-inductively coupled plasma mass spectrometry for the fast and direct characterization of antique glazed ceramics. Journal of Analytical Atomic Spectrometry, 2005, 20, 508.	1.6	20
102	Solid sampling-graphite furnace atomic absorption spectrometry for the direct determination of trace amounts of silicon in polyamide. Comparison of the performance of platinum and palladium as chemical modifiers. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2004, 59, 523-531.	1.5	31
103	Young scientists and sample introduction in atomic spectrometry: What lies ahead?. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2004, 59, 399-400.	1.5	0
104	Evaluation of solid sampling-electrothermal vaporization-inductively coupled plasma mass spectrometry and solid sampling-graphite furnace atomic absorption spectrometry for the direct determination of Cr in various materials using solution-based calibration approaches. Journal of Analytical Atomic Spectrometry, 2004, 19, 958.	1.6	35
105	Laser ablation-inductively coupled plasma-dynamic reaction cell-mass spectrometry (LA-ICP-DRC-MS) for the determination of Pt, Pd and Rh in Pb buttons obtained by fire assay of platiniferous ores. Journal of Analytical Atomic Spectrometry, 2004, 19, 632.	1.6	35
106	Solid sampling-graphite furnace atomic absorption spectrometry for palladium determination at trace and ultratrace levels. Journal of Analytical Atomic Spectrometry, 2003, 18, 1477.	1.6	26
107	Direct determination of cobalt and zinc in samples of different volatility by means of solid samplingâ€“graphite furnace atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2003, 58, 1847-1858.	1.5	31
108	Possibilities of laser ablation-inductively coupled plasma-mass spectrometry for diamond fingerprinting. Journal of Analytical Atomic Spectrometry, 2003, 18, 1238.	1.6	44

#	Article	IF	Citations
109	Determination of Platinum and Rhodium in Environmental Matrixes by Solid Sampling-Electrothermal Vaporization-Inductively Coupled Plasma Mass Spectrometry. Analytical Chemistry, 2002, 74, 6040-6048.	3.2	51
110	Direct determination of trace amounts of silicon in polyamides by means of solid sampling electrothermal vaporization inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 2002, 17, 897-903.	1.6	21
111	Electrothermal vaporisation ICP-mass spectrometry (ETV-ICP-MS) for the determination and speciation of trace elements in solid samples â€“ A review of real-life applications from the author's lab. Analytical and Bioanalytical Chemistry, 2002, 374, 188-195.	1.9	51
112	Multi-element analysis of a thermographic material by means of solid sampling-electrothermal vaporization-inductively coupled plasma mass spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2002, 57, 495-511.	1.5	16
113	Direct solid sampling with electrothermal vaporization/atomization: what for and how?. TrAC - Trends in Analytical Chemistry, 2002, 21, 828-839.	5.8	120
114	Direct Determination of Methylmercury and Inorganic Mercury in Biological Materials by Solid Sampling-Electrothermal Vaporization-Inductively Coupled Plasma-Isotope Dilution-Mass Spectrometry. Analytical Chemistry, 2002, 74, 3833-3842.	3.2	69
115	Direct determination of sulfur in Bisphenol A at ultratrace levels by means of solid sampling-electrothermal vaporization-ICP-MS. Journal of Analytical Atomic Spectrometry, 2001, 16, 793-800.	1.6	27
116	Evaluation of the multi-element capabilities of electrothermal vaporization quadrupole-based ICP mass spectrometry. Journal of Analytical Atomic Spectrometry, 2001, 16, 1018-1027.	1.6	41
117	Direct determination of copper and lead in sewage sludge by solid sampling-graphite furnace atomic absorption spectrometry â€” study of the interference reduction in the gaseous phase working in non-stop flow conditions. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2000, 55, 865-874.	1.5	17
118	Direct determination of phosphorus in two different plastic materials (PET and PP) by solid sampling-graphite furnace atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2000, 15, 1383-1388.	1.6	33
119	Simultaneous determination of Co, Mn, P and Ti in PET samples by solid sampling electrothermal vaporization ICP-MS. Journal of Analytical Atomic Spectrometry, 2000, 15, 389-395.	1.6	35
120	Multielement Analysis of Polyethylene Using Solid Sampling Electrothermal Vaporization ICP Mass Spectrometry. Analytical Chemistry, 2000, 72, 4310-4316.	3.2	32
121	The use of chemical modifiers in the determination of cadmium in sewage sludge and tin in PVC by solid sampling-graphite furnace atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1999, 54, 787-795.	1.5	29
122	Theoretical evaluation of solid sampling-electrothermal atomic absorption spectrometry for screening purposes. Journal of Analytical Atomic Spectrometry, 1999, 14, 547-552.	1.6	63
123	Discrimination of the causes of imprecision in the direct determination of metals in organic solid samples by electrothermal atomization atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 1998, 13, 489-494.	1.6	41
124	Expanding the working concentration range in graphite furnace atomic absorption spectrometry. Effect of non-stop flow on the determination of tin. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1997, 52, 1223-1227.	1.5	9
125	Expanding the working concentration range in graphite furnace atomic absorption spectrometry: study of non-resonance lines of tin. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1996, 51, 697-705.	1.5	9