

Gunda Koellensperger

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

124
papers

3,467
citations

32
h-index

53
g-index

138
ext. papers

4,202
ext. citations

5.1
avg. IF

5.38
L-index

#	Paper	IF	Citations
124	Achieving Absolute Molar Lipid Concentrations: A Phospholipidomics Cross-Validation Study.. <i>Analytical Chemistry</i> , 2022 ,	7.8	1
123	Cisplatin Uptake in Macrophage Subtypes at the Single-Cell Level by LA-ICP-TOFMS Imaging. <i>Analytical Chemistry</i> , 2021 ,	7.8	3
122	Yeast-based reference materials for quantitative metabolomics. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 1	4.4	1
121	Benchmarking Non-Targeted Metabolomics Using Yeast-Derived Libraries. <i>Metabolites</i> , 2021 , 11,	5.6	3
120	Mass spectrometry techniques for imaging and detection of metallodrugs. <i>Current Opinion in Chemical Biology</i> , 2021 , 61, 123-134	9.7	9
119	Micro-droplet-based calibration for quantitative elemental bioimaging by LA-ICPMS. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 1	4.4	4
118	Morpho-metabotyping the oxidative stress response. <i>Scientific Reports</i> , 2021 , 11, 15471	4.9	3
117	Ameliorative effects of deferiprone and tetraethylammonium salt of salinomycin acid on lead-induced toxicity in mouse testes. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 6784-6795	5.1	1
116	Recurrent Topics in Mass Spectrometry-Based Metabolomics and Lipidomics-Standardization, Coverage, and Throughput. <i>Analytical Chemistry</i> , 2021 , 93, 519-545	7.8	31
115	Error propagation in constraint-based modeling of Chinese hamster ovary cells. <i>Biotechnology Journal</i> , 2021 , 16, e2000320	5.6	1
114	A combined flow injection/reversed-phase chromatography-high-resolution mass spectrometry workflow for accurate absolute lipid quantification with C internal standards. <i>Analyst, The</i> , 2021 , 146, 2591-2599	5	0
113	Novel LC-MS Workflows for Improved Lipid Identification and Quantification 2021 , 197-207		
112	Structure-Activity Relationships of Triple-Action Platinum(IV) Prodrugs with Albumin-Binding Properties and Immunomodulating Ligands. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 12132-12151	8.3	6
111	Accurate characterization of Amyloid (A β 0, A β 2) standards using species-specific isotope dilution by means of HPLC-ICP-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 1	4.4	2
110	Introducing -, -, and -donor leaving groups: an investigation of the chemical and biological properties of ruthenium, rhodium and iridium thiopyridone piano stool complexes. <i>Dalton Transactions</i> , 2020 , 49, 15693-15711	4.3	7
109	Laser ablation-ICP-TOFMS imaging of germ cell tumors of patients undergoing platinum-based chemotherapy. <i>Metallomics</i> , 2020 , 12, 1246-1252	4.5	7
108	Preparative supercritical fluid chromatography for lipid class fractionation-a novel strategy in high-resolution mass spectrometry based lipidomics. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 2365-2374	4.4	17

107	What CHO is made of: Variations in the biomass composition of Chinese hamster ovary cell lines. <i>Metabolic Engineering</i> , 2020 , 61, 288-300	9.7	18
106	Synthesis, Modification, and Biological Evaluation of a Library of Novel Water-Soluble Thiopyridone-Based Organometallic Complexes and Their Unexpected (Biological) Behavior. <i>Chemistry - A European Journal</i> , 2020 , 26, 5419-5433	4.8	8
105	STAT3-dependent analysis reveals PDK4 as independent predictor of recurrence in prostate cancer. <i>Molecular Systems Biology</i> , 2020 , 16, e9247	12.2	15
104	Chasing the Major Sphingolipids on Earth: Automated Annotation of Plant Glycosyl Inositol Phospho Ceramides by Glycolipidomics. <i>Metabolites</i> , 2020 , 10,	5.6	6
103	An Organometallic Gold(I) Bis-N-Heterocyclic Carbene Complex with Multimodal Activity in Ovarian Cancer Cells. <i>Chemistry - A European Journal</i> , 2020 , 26, 15528-15537	4.8	17
102	Single-cell analysis by use of ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2020 , 35, 1784-1813	3.7	22
101	Preclinical studies on metal based anticancer drugs as enabled by integrated metallomics and metabolomics. <i>Metallomics</i> , 2019 , 11, 1716-1728	4.5	8
100	FI-ICP-TOFMS for high-throughput and low volume multi-element analysis in environmental and biological matrices. <i>Journal of Analytical Atomic Spectrometry</i> , 2019 , 34, 1272-1278	3.7	3
99	Laser Ablation-Inductively Coupled Plasma Time-of-Flight Mass Spectrometry Imaging of Trace Elements at the Single-Cell Level for Clinical Practice. <i>Analytical Chemistry</i> , 2019 , 91, 8207-8212	7.8	26
98	High-resolution laser ablation inductively coupled plasma mass spectrometry used to study transport of metallic nanoparticles through collagen-rich microstructures in fibroblast multicellular spheroids. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 3497-3506	4.4	15
97	Proposing a validation scheme for C metabolite tracer studies in high-resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 3103-3113	4.4	6
96	Heart-cut 2DSEC-RP-LC-ICP-MS as a screening tool in metal-based anticancer research. <i>Journal of Analytical Atomic Spectrometry</i> , 2019 , 34, 1279-1286	3.7	4
95	FI-ICP-TOFMS for quantification of biologically essential trace elements in cerebrospinal fluid - high-throughput at low sample volume. <i>Analyst, The</i> , 2019 , 144, 4653-4660	5	2
94	Quantitative Imaging of Silver Nanoparticles and Essential Elements in Thin Sections of Fibroblast Multicellular Spheroids by High Resolution Laser Ablation Inductively Coupled Plasma Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2019 , 91, 10197-10203	7.8	17
93	The Power of LC-MS Based Multiomics: Exploring Adipogenic Differentiation of Human Mesenchymal Stem/Stromal Cells. <i>Molecules</i> , 2019 , 24,	4.8	12
92	Analysis of Underivatized Amino Acids: Zwitterionic Hydrophilic Interaction Chromatography Combined with Triple Quadrupole Tandem Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2019 , 2030, 395-402	1.4	
91	Single Spheroid Metabolomics: Optimizing Sample Preparation of Three-Dimensional Multicellular Tumor Spheroids. <i>Metabolites</i> , 2019 , 9,	5.6	7
90	Bioimaging of isosteric osmium and ruthenium anticancer agents by LA-ICP-MS. <i>Metallomics</i> , 2018 , 10, 388-396	4.5	25

89	Comparison of metabolic pathways of different β N-heterocyclic thiosemicarbazones. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 2343-2361	4.4	10
88	The impact of whole human blood on the kinetic inertness of platinum(IV) prodrugs - an HPLC-ICP-MS study. <i>Dalton Transactions</i> , 2018 , 47, 5252-5258	4.3	18
87	Comprehensive assessment of measurement uncertainty in C-based metabolic flux experiments. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 3337-3348	4.4	11
86	Simultaneous non-polar and polar lipid analysis by on-line combination of HILIC, RP and high resolution MS. <i>Analyst, The</i> , 2018 , 143, 1250-1258	5	26
85	METLIN: A Technology Platform for Identifying Knowns and Unknowns. <i>Analytical Chemistry</i> , 2018 , 90, 3156-3164	7.8	461
84	A Novel Lipidomics Workflow for Improved Human Plasma Identification and Quantification Using RPLC-MSn Methods and Isotope Dilution Strategies. <i>Analytical Chemistry</i> , 2018 , 90, 6494-6501	7.8	52
83	Altered membrane rigidity via enhanced endogenous cholesterol synthesis drives cancer cell resistance to doxorubicin. <i>Oncotarget</i> , 2018 , 9, 25661-25680	3.3	8
82	Merging metabolomics and lipidomics into one analytical run. <i>Analyst, The</i> , 2018 , 144, 220-229	5	28
81	Serum-binding properties of isosteric ruthenium and osmium anticancer agents elucidated by SEC-ICP-MS. <i>Monatshefte Für Chemie</i> , 2018 , 149, 1719-1726	1.4	15
80	Critical assessment of different methods for quantitative measurement of metal-drug-protein associations. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 7211-7220	4.4	15
79	Elucidating rhizosphere processes by mass spectrometry - A review. <i>Analytica Chimica Acta</i> , 2017 , 956, 1-13	6.6	21
78	Application of imaging mass spectrometry approaches to facilitate metal-based anticancer drug research. <i>Metallomics</i> , 2017 , 9, 365-381	4.5	41
77	LILY-lipidome isotope labeling of yeast: in vivo synthesis of 13 C labeled reference lipids for quantification by mass spectrometry. <i>Analyst, The</i> , 2017 , 142, 1891-1899	5	35
76	Anion-Exchange Chromatography Coupled to High-Resolution Mass Spectrometry: A Powerful Tool for Merging Targeted and Non-targeted Metabolomics. <i>Analytical Chemistry</i> , 2017 , 89, 7667-7674	7.8	56
75	An albumin-based tumor-targeted oxaliplatin prodrug with distinctly improved anticancer activity. <i>Chemical Science</i> , 2017 , 8, 2241-2250	9.4	82
74	Platinum(IV) Complexes Featuring Axial Michael Acceptor Ligands: Synthesis, Characterization, and Cytotoxicity. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4049-4054	2.3	11
73	Sensitivity towards the GRP78 inhibitor KP1339/IT-139 is characterized by apoptosis induction via caspase 8 upon disruption of ER homeostasis. <i>Cancer Letters</i> , 2017 , 404, 79-88	9.9	24
72	Fast High-Resolution Laser Ablation-Inductively Coupled Plasma Mass Spectrometry Imaging of the Distribution of Platinum-Based Anticancer Compounds in Multicellular Tumor Spheroids. <i>Analytical Chemistry</i> , 2017 , 89, 12641-12645	7.8	33

71	Accurate high throughput quantification of selenium in biological samples [The potential of combining isotope dilution ICP-tandem mass spectrometry with flow injection. <i>Journal of Analytical Atomic Spectrometry</i> , 2016 , 31, 2227-2232	3.7	10
70	Environmental Speciation of Platinum Emissions from Chemotherapy 2016 , 305-317		
69	Element labeling of antibody fragments for ICP-MS based immunoassays. <i>Journal of Analytical Atomic Spectrometry</i> , 2016 , 31, 2330-2337	3.7	6
68	Biomedical and Pharmaceutical Applications 2016 , 359-462		5
67	Increasing selectivity and coverage in LC-MS based metabolome analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 82, 358-366	14.6	52
66	Turbulent flow chromatography in combination with HPLC-ICP-MS for high-throughput analysis of free, intact metal based drugs in biomedical samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2016 , 31, 1811-1817	3.7	5
65	LA-ICP-MS imaging in multicellular tumor spheroids - a novel tool in the preclinical development of metal-based anticancer drugs. <i>Metallomics</i> , 2016 , 8, 398-402	4.5	36
64	Biodistribution of the novel anticancer drug sodium trans-[tetrachloridobis(1H-indazole)ruthenate(III)] KP-1339/IT139 in nude BALB/c mice and implications on its mode of action. <i>Journal of Inorganic Biochemistry</i> , 2016 , 160, 250-5	4.2	72
63	Differences in protein binding and excretion of Triapine and its Fe(III) complex. <i>Journal of Inorganic Biochemistry</i> , 2016 , 160, 61-9	4.2	16
62	Uncertainty budgeting in fold change determination and implications for non-targeted metabolomics studies in model systems. <i>Analyst, The</i> , 2016 , 142, 80-90	5	15
61	In vivo synthesized 34S enriched amino acid standards for species specific isotope dilution of proteins. <i>Journal of Analytical Atomic Spectrometry</i> , 2016 , 31, 1830-1835	3.7	13
60	LC-MS/MS-based analysis of coenzyme A and short-chain acyl-coenzyme A thioesters. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 6681-8	4.4	27
59	Isotopologue analysis of sugar phosphates in yeast cell extracts by gas chromatography chemical ionization time-of-flight mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 2865-75	4.4	21
58	Complementing reversed-phase selectivity with porous graphitized carbon to increase the metabolome coverage in an on-line two-dimensional LC-MS setup for metabolomics. <i>Analyst, The</i> , 2015 , 140, 3465-73	5	26
57	An integrated metabolomics workflow for the quantification of sulfur pathway intermediates employing thiol protection with N-ethyl maleimide and hydrophilic interaction liquid chromatography tandem mass spectrometry. <i>Analyst, The</i> , 2015 , 140, 7687-95	5	22
56	Inositol-phosphodihydroceramides in the periodontal pathogen <i>Tannerella forsythia</i> : Structural analysis and incorporation of exogenous myo-inositol. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015 , 1851, 1417-27	5	1
55	Metabolomics sampling of <i>Pichia pastoris</i> revisited: rapid filtration prevents metabolite loss during quenching. <i>FEMS Yeast Research</i> , 2015 , 15,	3.1	12
54	Gas Chromatography-Quadrupole Time-of-Flight Mass Spectrometry-Based Determination of Isotopologue and Tandem Mass Isotopomer Fractions of Primary Metabolites for (13)C-Metabolic Flux Analysis. <i>Analytical Chemistry</i> , 2015 , 87, 11792-802	7.8	25

53	Elemental analysis in biotechnology. <i>Current Opinion in Biotechnology</i> , 2015 , 31, 93-100	11.4	10
52	Reaction of pyranose dehydrogenase from <i>Agaricus meleagris</i> with its carbohydrate substrates. <i>FEBS Journal</i> , 2015 , 282, 4218-41	5.7	12
51	Systems-level organization of yeast methylotrophic lifestyle. <i>BMC Biology</i> , 2015 , 13, 80	7.3	78
50	Speciation analysis of sugar phosphates via anion exchange chromatography combined with inductively coupled plasma dynamic reaction cell mass spectrometry [optimization for the analysis of yeast cell extracts. <i>Journal of Analytical Atomic Spectrometry</i> , 2014 , 29, 915	3.7	9
49	Metabolic profiling of amino acids in cellular samples via zwitterionic sub-2 μ m particle size HILIC-MS/MS and a uniformly ^{13}C labeled internal standard. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 915-22	4.4	19
48	Sample preparation workflow for the liquid chromatography tandem mass spectrometry based analysis of nicotinamide adenine dinucleotide phosphate cofactors in yeast. <i>Journal of Separation Science</i> , 2014 , 37, 2185-91	3.4	17
47	Fully automated on-line two-dimensional liquid chromatography in combination with ESI MS/MS detection for quantification of sugar phosphates in yeast cell extracts. <i>Analyst, The</i> , 2014 , 139, 1512-20	5	12
46	The study of reduced versus oxidized glutathione in cancer cell models employing isotopically labelled standards. <i>Analytical Methods</i> , 2014 , 6, 3086-3094	3.2	4
45	Quantitative metabolite profiling utilizing parallel column analysis for simultaneous reversed-phase and hydrophilic interaction liquid chromatography separations combined with tandem mass spectrometry. <i>Analytical Chemistry</i> , 2014 , 86, 4145-50	7.8	45
44	Reduced quenching and extraction time for mammalian cells using filtration and syringe extraction. <i>Journal of Biotechnology</i> , 2014 , 182-183, 97-103	3.7	14
43	Model based engineering of <i>Pichia pastoris</i> central metabolism enhances recombinant protein production. <i>Metabolic Engineering</i> , 2014 , 24, 129-38	9.7	107
42	Overexpression of the transcription factor Yap1 modifies intracellular redox conditions and enhances recombinant protein secretion. <i>Microbial Cell</i> , 2014 , 1, 376-386	3.9	20
41	Accurate LC-ESI-MS/MS quantification of 2 U -deoxymugineic acid in soil and root related samples employing porous graphitic carbon as stationary phase and a ^{13}C -labeled internal standard. <i>Electrophoresis</i> , 2014 , 35, 1375-85	3.6	13
40	Speciation analysis of orthophosphate and myo-inositol hexakisphosphate in soil- and plant-related samples by high-performance ion chromatography combined with inductively coupled plasma mass spectrometry. <i>Journal of Separation Science</i> , 2014 , 37, 1711-9	3.4	17
39	Characterization of metal-tagged antibodies used in ICP-MS-based immunoassays. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 163-9	4.4	16
38	Measurement uncertainty of isotopologue fractions in fluxomics determined via mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 5133-46	4.4	9
37	Accurate quantification of the redox-sensitive GSH/GSSG ratios in the yeast <i>Pichia pastoris</i> by HILIC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 2031-9	4.4	28
36	Sample introduction of single selenized yeast cells (<i>Saccharomyces cerevisiae</i>) by micro droplet generation into an ICP-sector field mass spectrometer for label-free detection of trace elements. <i>Journal of Analytical Atomic Spectrometry</i> , 2013 , 28, 637	3.7	59

35	The ruthenium compound KP1339 potentiates the anticancer activity of sorafenib in vitro and in vivo. <i>European Journal of Cancer</i> , 2013 , 49, 3366-75	7.5	61
34	Uncertainty of Measurement in Quantitative Metabolomics 2013 , 39-68		2
33	In vitro studies on cisplatin focusing on kinetic aspects of intracellular chemistry by LC-ICP-MS. <i>Metallomics</i> , 2013 , 5, 636-47	4.5	27
32	Interlaboratory comparison for quantitative primary metabolite profiling in <i>Pichia pastoris</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 5159-69	4.4	20
31	Impact of terminal dimethylation on the resistance profile of β N-heterocyclic thiosemicarbazones. <i>Biochemical Pharmacology</i> , 2012 , 83, 1623-33	6	14
30	Systems biology approach for in vivo photodynamic therapy optimization of ruthenium-porphyrin compounds. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012 , 117, 80-9	6.7	47
29	U13C cell extract of <i>Pichia pastoris</i> --a powerful tool for evaluation of sample preparation in metabolomics. <i>Journal of Separation Science</i> , 2012 , 35, 3091-105	3.4	54
28	Sulfur containing amino acids \square challenge of accurate quantification. <i>Journal of Analytical Atomic Spectrometry</i> , 2012 , 27, 1018	3.7	13
27	Analysis of underivatized amino acids: zwitterionic hydrophilic interaction chromatography combined with triple quadrupole tandem mass spectrometry. <i>Methods in Molecular Biology</i> , 2012 , 828, 39-46	1.4	5
26	Elemental labelling combined with liquid chromatography inductively coupled plasma mass spectrometry for quantification of biomolecules: a review. <i>Analytica Chimica Acta</i> , 2012 , 750, 98-110	6.6	49
25	Monitoring the production process of selenized yeast by elemental speciation analysis. <i>Metallomics</i> , 2012 , 4, 1176-84	4.5	8
24	Mass spectrometry based analysis of nucleotides, nucleosides, and nucleobases--application to feed supplements. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 799-808	4.4	27
23	LC- and CZE-ICP-MS approaches for the in vivo analysis of the anticancer drug candidate sodium trans-[tetrachloridobis(1H-indazole)ruthenate(III)] (KP1339) in mouse plasma. <i>Metallomics</i> , 2011 , 3, 1049-55	4.5	58
22	High-throughput flow injection analysis of labeled peptides in cellular samples - ICP-MS analysis versus fluorescence based detection. <i>International Journal of Mass Spectrometry</i> , 2011 , 307, 105-111	1.9	9
21	LC-MS analysis of low molecular weight organic acids derived from root exudation. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 2587-96	4.4	52
20	Stability assessment of different chelating moieties used for elemental labeling of bio-molecules. <i>Metallomics</i> , 2011 , 3, 1304-9	4.5	17
19	Ultra-fast HPLC-ICP-MS analysis of oxaliplatin in patient urine. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 401-406	4.4	21
18	Environmental application of elemental speciation analysis based on liquid or gas chromatography hyphenated to inductively coupled plasma mass spectrometry--a review. <i>Analytica Chimica Acta</i> , 2010 , 668, 114-29	6.6	98

17	Intracellular protein binding patterns of the anticancer ruthenium drugs KP1019 and KP1339. <i>Journal of Biological Inorganic Chemistry</i> , 2010 , 15, 737-48	3-7	133
16	Hydrophilic interaction LC combined with electrospray MS for highly sensitive analysis of underivatized amino acids in rhizosphere research. <i>Journal of Separation Science</i> , 2010 , 33, 911-22	3-4	35
15	Interactions between ABC-transport proteins and the secondary Fusarium metabolites enniatin and beauvericin. <i>Molecular Nutrition and Food Research</i> , 2009 , 53, 904-20	5-9	52
14	Quantification of elemental labeled peptides in cellular uptake studies. <i>Journal of Analytical Atomic Spectrometry</i> , 2009 , 24, 97-102	3-7	27
13	Quantification of cisplatin, carboplatin and oxaliplatin in spiked human plasma samples by ICP-SFMS and hydrophilic interaction liquid chromatography (HILIC) combined with ICP-MS detection. <i>Journal of Analytical Atomic Spectrometry</i> , 2009 , 24, 1336	3-7	53
12	Bioaccessibility of selected trace metals in urban PM2.5 and PM10 samples: a model study. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 390, 1149-57	4-4	41
11	Determination of glyphosate and AMPA in surface and waste water using high-performance ion chromatography coupled to inductively coupled plasma dynamic reaction cell mass spectrometry (HPIC-ICP-DRC-MS). <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 391, 695-9	4-4	48
10	Characterisation of zinc-binding domains of peroxisomal RING finger proteins using size exclusion chromatography/inductively coupled plasma-mass spectrometry. <i>Biological Chemistry</i> , 2007 , 388, 1209-14 ⁵	4-5	13
9	Studying metal integration in native and recombinant copper proteins by hyphenated ICP-DRC-MS and ESI-TOF-MS capabilities and limitations of the complementary techniques. <i>Journal of Analytical Atomic Spectrometry</i> , 2006 , 21, 1224-1231	3-7	34
8	The potential of flow-through microdialysis for probing low-molecular weight organic anions in rhizosphere soil solution. <i>Analytica Chimica Acta</i> , 2005 , 546, 1-10	6-6	28
7	SEC-ICP-DRCMS and SEC-ICP-SFMS for determination of metal/sulfur ratios in metalloproteins. <i>Journal of Analytical Atomic Spectrometry</i> , 2004 , 19, 74-79	3-7	63
6	Platinum determination by inductively coupled plasma-sector field mass spectrometry (ICP-SFMS) in different matrices relevant to human biomonitoring. <i>Analytical and Bioanalytical Chemistry</i> , 2003 , 376, 198-204	4-4	20
5	Determination of Pt, Pd and Rh by inductively coupled plasma sector field mass spectrometry (ICP-SFMS) in size-classified urban aerosol samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2003 , 18, 239-246	3-7	103
4	Uncertainty of species unspecific quantification strategies in hyphenated ICP-MS analysis. <i>Journal of Analytical Atomic Spectrometry</i> , 2003 , 18, 1047	3-7	24
3	ICP-SFMS determination of palladium using IDMS in combination with on-line and off-line matrix separation. <i>Journal of Analytical Atomic Spectrometry</i> , 2001 , 16, 1057-1063	3-7	33
2	Concentrations of selected trace elements in human milk and in infant formulas determined by magnetic sector field inductively coupled plasma-mass spectrometry. <i>Biological Trace Element Research</i> , 2000 , 76, 97-112	4-5	66
1	A combined flow injection/reversed phase chromatography/high resolution mass spectrometry workflow for accurate absolute lipid quantification with ¹³ C- internal standards		1