Barbara Lesniewska

List of Publications by Year
in descending order

35	946	394421 19	434195 31
papers	citations	h-index	g-index

37	37	37	939
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of Solid Phase Extraction Method Based on Ion Imprinted Polymer for Determination of Cr(III) Ions by ETAAS in Waters. Water (Switzerland), 2022, 14, 529.	2.7	8
2	Metal-Dependent Cytotoxic and Kinesin Spindle Protein Inhibitory Activity of Ru, Os, Rh, and Ir Half-Sandwich Complexes of Ispinesib-Derived Ligands. Inorganic Chemistry, 2020, 59, 14879-14890.	4.0	11
3	Method development for determination of trace amounts of palladium in environmental water samples by ICP-MS/MS after pre-concentration on thiol-functionalized MCM-41 materials. Talanta, 2020, 217, 121004.	5.5	15
4	Preparation and application of ion-imprinted polymer sorbents in separation process of trace metals. Comprehensive Analytical Chemistry, 2019, , 261-293.	1.3	2
5	Speciation of Chromium in Alkaline Soil Extracts by an Ion-Pair Reversed Phase HPLC-ICP MS Method. Molecules, 2019, 24, 1172.	3.8	14
6	Antioxidant properties of coffee substitutes rich in polyphenols and minerals. Food Chemistry, 2019, 278, 101-109.	8.2	60
7	Studies on the effect of functional monomer and porogen on the properties of ion imprinted polymers based on Cr(III)-1,10-phenanthroline complex designed for selective removal of Cr(III) ions. Reactive and Functional Polymers, 2017, 117, 131-139.	4.1	21
8	Selective Separation of Chromium Species from Soils by Single-Step Extraction Methods: a Critical Appraisal. Water, Air, and Soil Pollution, 2017, 228, 274.	2.4	19
9	A novel ion-imprinted polymeric sorbent for separation and determination of chromium(III) species in wastewater. Turkish Journal of Chemistry, 2016, 40, 933-943.	1.2	10
10	Chromium Speciation in Wastewater and Sewage by Solid-Phase Extraction Using a New Diphenylcarbazone-Incorporated Resin. Water, Air, and Soil Pollution, 2016, 227, 291.	2.4	10
11	An ultrasound-assisted procedure for fast screening of mobile fractions of Cd, Pb and Ni in soil. Insight into method optimization and validation. Environmental Science and Pollution Research, 2016, 23, 25093-25104.	5.3	22
12	Fast and simple procedure for fractionation of zinc in soil using an ultrasound probe and FAAS detection. Validation of the analytical method and evaluation of the uncertainty budget. Environmental Monitoring and Assessment, 2016, 188, 29.	2.7	16
13	Recent Advances in On-Line Methods Based on Extraction for Speciation Analysis of Chromium in Environmental Matrices. Critical Reviews in Analytical Chemistry, 2016, 46, 305-322.	3.5	21
14	Multi-commutation flow system with on-line solid phase extraction exploiting the ion-imprinted polymer and FAAS detection for chromium speciation analysis in sewage samples. Analytical Methods, 2015, 7, 1517-1526.	2.7	29
15	Extraction of ranitidine and nizatidine with using imidazolium ionic liquids prior spectrophotometric and chromatographic detection. Journal of Pharmaceutical and Biomedical Analysis, 2015, 106, 85-91.	2.8	11
16	On the Underestimated Factors Influencing the Accuracy of Determination of Pt and Pd by Electrothermal Atomic Absorption Spectrometry in Road Dust Samples. Environmental Science and Engineering, 2015, , 53-65.	0.2	1
17	Ultrasound assisted extraction for determination of mobile fractions of copper in soil. Roczniki Panstwowego Zakladu Higieny, 2014, 65, 67-74.	0.7	4
18	Evaluation of ion imprinted polymers for the solid phase extraction and electrothermal atomic absorption spectrometric determination of palladium in environmental samples. International Journal of Environmental Analytical Chemistry, 2013, 93, 483-498.	3.3	11

#	Article	IF	Citations
19	A novel ion imprinted polymer as a highly selective sorbent for separation of ruthenium ions from environmental samples. Analytical Methods, 2013, 5, 3096.	2.7	19
20	Separation of ruthenium from environmental samples on polymeric sorbent based on imprinted Ru(III)-allyl acetoacetate complex. Talanta, 2012, 89, 352-359.	5.5	31
21	Separation and preconcentration of trace amounts of Cr(III) ions on ion imprinted polymer for atomic absorption determinations in surface water and sewage samples. Microchemical Journal, 2012, 105, 88-93.	4.5	39
22	Studies of ion-imprinted polymers for solid-phase extraction of ruthenium from environmental samples before its determination by electrothermal atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2011, 66, 508-516.	2.9	37
23	Selective solid phase extraction of platinum on an ion imprinted polymers for its electrothermal atomic absorption spectrometric determination in environmental samples. Mikrochimica Acta, 2011, 175, 273-282.	5.0	32
24	Assessment of ion imprinted polymers based on Pd(II) chelate complexes for preconcentration and FAAS determination of palladium. Talanta, 2010, 83, 596-604.	5.5	51
25	Assessment of immobilized yeast for the separation and determination of platinum in environmental samples by flow-injection chemiluminescence and electrothermal atomic absorption spectrometry. Mikrochimica Acta, 2008, 163, 327-334.	5.0	26
26	Separation of matrix by means of biosorption for flow-injection chemiluminescent determination of trace amounts of Pt(IV) in natural waters. Microchemical Journal, 2007, 85, 314-320.	4.5	20
27	Elimination of interferences in determination of platinum and palladium in environmental samples by inductively coupled plasma mass spectrometry. Analytica Chimica Acta, 2006, 564, 236-242.	5.4	52
28	The study of applicability of dithiocarbamate-coated fullerene C60 for preconcentration of palladium for graphite furnace atomic absorption spectrometric determination in environmental samples. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2005, 60, 377-384.	2.9	53
29	Platinum, palladium and rhodium content in road dust, tunnel dust and common grass in Biaystok area (Poland): a pilot study. Science of the Total Environment, 2004, 321, 93-104.	8.0	145
30	Bioaccumulation of platinum group elements and characterization of their species in Lolium multiflorum by size-exclusion chromatography coupled with ICP-MS. Science of the Total Environment, 2004, 322, 95-108.	8.0	53
31	Systematic Errors in the Determination of Trace Metals by GFAAS Technique, Part I. Mikrochimica Acta, 2003, 143, 13-17.	5.0	1
32	DETERMINATION OF TRACE AMOUNTS OF PLATINUM BY DERIVATIVE SPECTROPHOTOMETRY AFTER COLUMN SEPARATION OF PALLADIUM. Instrumentation Science and Technology, 2001, 19, 345-354.	0.8	6
33	Ion-Exchange Preconcentration and Separation of Trace mounts of Platinum and Palladium. Analytical Letters, 2000, 33, 2805-2820.	1.8	61
34	Preconcentration of Trace Amounts of Platinum in Water on Different Sorbents. International Journal of Environmental Analytical Chemistry, 1999, 75, 71-81.	3.3	13
35	The study of magnesium speciation in serum by liquid chromatography and graphite furnace atomic absorption techniques. Analytica Chimica Acta, 1998, 358, 185-193.	5.4	22