

# Green Analytical Chemistry

TrAC - Trends in Analytical Chemistry

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Design, synthesis, and application of chelating polymers for separation and determination of trace and toxic metal ions. A green analytical method. <i>Pure and Applied Chemistry</i> , 2001, 73, 181-186.	0.9	35
2	Coupling the extraction efficiency of imidazolium-based ionic liquid aggregates with solid-phase microextraction-gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1214, 23-29.	1.8	33
4	Low temperature headspace desorption of volatile organic compounds trapped in air sampling solid-supports. <i>Environmental Chemistry</i> , 2009, 6, 452.	0.7	3
5	Green Spectroscopy: A Scientometric Picture. <i>Spectroscopy Letters</i> , 2009, 42, 277-283.	0.5	19
6	Evaluation of the Soil Contamination of Tangier (Morocco) by the Determination of BTEX, PCBs, and PAHs. <i>Soil and Sediment Contamination</i> , 2009, 18, 535-545.	1.1	4
7	Green Strategies in Trace Analysis: A Glimpse of Simple Alternatives for Sample Pretreatment and Analyte Determination. <i>Spectroscopy Letters</i> , 2009, 42, 418-429.	0.5	28
8	Solid-Phase Microextraction Coupled to Gas Chromatography-Mass Spectrometry for the Analysis of Famoxadone in Wines, Fruits, and Vegetables. <i>Spectroscopy Letters</i> , 2009, 42, 320-326.	0.5	10
9	Alternative Solid Sample Pretreatment Methods in Green Analytical Atomic Spectrometry. <i>Spectroscopy Letters</i> , 2009, 42, 394-417.	0.5	11
10	Green Chemistry-Sensitive Analytical Procedure for Photometric Determination of Orthophosphate in River and Tap Water by Use of a Simple LED-Based Photometer. <i>Spectroscopy Letters</i> , 2009, 42, 356-362.	0.5	6
11	Green approaches to colorimetric monitoring of calcium in water. <i>Pure and Applied Chemistry</i> , 2009, 81, 2123-2129.	0.9	1
12	Indirect Sequential Injection Enzymatic Determination of Allopurinol in Pharmaceuticals Based on Xanthine Oxidase Inhibition. <i>Spectroscopy Letters</i> , 2009, 42, 341-350.	0.5	3
13	An Overview of Green Analytical Techniques in the Spectrometric Analysis of Environmental and Biological Samples. <i>Spectroscopy Letters</i> , 2009, 42, 284-295.	0.5	10
14	Determination of arylsulphatase and phosphatase enzyme activities in soil using screen-printed electrodes modified with multi-walled carbon nanotubes. <i>Soil Biology and Biochemistry</i> , 2009, 41, 2444-2452.	4.2	16
15	Direct and simultaneous determination of Cr and Fe in crude oil using high-resolution continuum source graphite furnace atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009, 64, 537-543.	1.5	60
16	Multisyringe flow injection analysis hyphenated with liquid core waveguides for the development of cleaner spectroscopic analytical methods: improved determination of chloride in waters. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 1577-1583.	1.9	19
17	Direct olive oil analysis by low-temperature plasma (LTP) ambient ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 3057-3062.	0.7	71
18	Microwave-assisted and cloud-point extraction in determination of drugs and other bioactive compounds. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 436-446.	5.8	134
19	Liquid-liquid-liquid microextraction of degradation products of nerve agents followed by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 4319-4328.	1.8	40

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20	Analysis of hydrocarbon contamination with membrane-assisted solvent extraction: Comparison of agitation and sonication methods. <i>Journal of Chromatography A</i> , 2009, 1216, 6964-6969.	1.8	11
21	A review of non-chromatographic methods for speciation analysis. <i>Analytica Chimica Acta</i> , 2009, 636, 129-157.	2.6	116
22	An organic-reagent-free method for determination of chromium(VI) in steel alloys, sewage sludge and wastewater. <i>Analytica Chimica Acta</i> , 2009, 640, 58-62.	2.6	12
23	Portable microfluidic system for determination of urinary creatinine. <i>Analytica Chimica Acta</i> , 2009, 647, 78-83.	2.6	52
24	Micellar electrokinetic chromatography after precapillary enzyme assay for the determination of phosphatase activity in semiarid soil. <i>Biochemical Engineering Journal</i> , 2009, 46, 121-125.	1.8	3
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26	Micro-Scale UV/Vis Spectrometric Batch Procedures by Use of an Internal Standard—A Green Chemistry Approach. <i>Spectroscopy Letters</i> , 2009, 42, 327-333.	0.5	4
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28	Sample treatment and determination of pesticide residues in fatty vegetable matrices: A review. <i>Talanta</i> , 2009, 79, 109-128.	2.9	245
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38	A passive sampling-based analytical strategy for the determination of volatile organic compounds in the air of working areas. <i>Analytica Chimica Acta</i> , 2010, 677, 131-139.	2.6	17
39	Determination of the $\beta$ -Glucosidase Activity in Different Soils by Pre Capillary Enzyme Assay Using Capillary Electrophoresis with Laser-Induced Fluorescence Detection. <i>Journal of Fluorescence</i> , 2010, 20, 517-523.	1.3	7

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41	Vibrational spectroscopy provides a green tool for multi-component analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 578-591.	5.8	221
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62	Partial least squares X-ray fluorescence determination of trace elements in sediments from the estuary of Nerbioi-Ibaizabal River. <i>Talanta</i> , 2010, 82, 1254-1260.	2.9	27
63	A novel approach in dispersive liquid-liquid microextraction based on the use of an auxiliary solvent for adjustment of density. <i>Talanta</i> , 2010, 82, 1958-1964.	2.9	71
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66	A SPE-LC-MS/MS Method for the Detection of Low Concentrations of Pharmaceuticals in Industrial Waste Streams. <i>Analytical Letters</i> , 2011, 44, 2808-2820.	1.0	4
67	Synthesis and characterisation of a silicon oxide film solid-phase extraction system for lead traces determination: an all the way green analytical method. <i>International Journal of Environmental Analytical Chemistry</i> , 2011, 91, 828-843.	1.8	4
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71	Recent advances in applications of single-drop microextraction: A review. <i>Analytica Chimica Acta</i> , 2011, 706, 37-65.	2.6	179
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73	A dispersive liquid-liquid microextraction procedure for determination of boron in water after ultrasound-assisted conversion to tetrafluoroborate. <i>Talanta</i> , 2011, 85, 541-545.	2.9	40
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75	Biosorption: A new rise for elemental solid phase extraction methods. <i>Talanta</i> , 2011, 85, 2290-2300.	2.9	60
76	Solventless and solvent-minimized sample preparation techniques for determining currently used pesticides in water samples: A review. <i>Talanta</i> , 2011, 86, 8-22.	2.9	136
77	Origins of Green Analytical Chemistry. <i>Comprehensive Analytical Chemistry</i> , 2011, 57, 1-23.	0.7	24

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79	Chapter 4. Green Sample Preparation Methods. <i>RSC Green Chemistry</i> , 2011, , 63-106.	0.0	6
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83	Dipyridylamine-modified nanoporous silicas as new sorbents for the separation and pre-concentration of palladium. <i>Mikrochimica Acta</i> , 2011, 173, 521-527.	2.5	22
84	Solventless sample preparation techniques based on solid- and vapour-phase extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 277-300.	1.9	38
85	Synthesis of hydrochloric acid solution for total mercury determination in natural waters. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 1389-1392.	1.9	3
86	Passive micromixer integration with a microfluidic chip for calcium assay based on the arsenazo III method. <i>Biochip Journal</i> , 2011, 5, 1-7.	2.5	10
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99	Food Analysis: Present, Future, and Foodomics. , 2012, 2012, 1-16.		74
100	The Use of Amberlite Adsorbents for Green Chromatography Determination of Volatile Organic Compounds in Air. <i>Journal of Analytical Methods in Chemistry</i> , 2012, 2012, 1-6.	0.7	4
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117	Green chemistry and the evolution of flow analysis. A review. <i>Analytica Chimica Acta</i> , 2012, 714, 8-19.	2.6	160
118	Recent advances and future prospects of mesofluidic Lab-on-a-Valve platforms in analytical sciences – A critical review. <i>Analytica Chimica Acta</i> , 2012, 750, 3-15.	2.6	65
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133	In-situ ionic liquid-based microwave-assisted dispersive liquid–liquid microextraction of triazine herbicides. <i>Mikrochimica Acta</i> , 2012, 178, 341-347.	2.5	41
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138	An environmentally friendly analytical procedure for nickel determination by atomic and molecular spectrometry after cloud point extraction in different samples. <i>Analytical Methods</i> , 2012, 4, 2429.	1.3	17
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144	Ultrasound-assisted pretreatment of solid samples in the context of green analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 31, 50-60.	5.8	119
145	Recent advances in on-line solid-phase pre-concentration for inductively-coupled plasma techniques for determination of mineral elements. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 33, 35-45.	5.8	28
146	Direct chromatographic methods in the context of green analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 35, 67-73.	5.8	67
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156	Metals determination in milk powder samples for adult and infant nutrition after focused-microwave induced combustion. <i>Microchemical Journal</i> , 2013, 109, 29-35.	2.3	38
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