Scott N Willie

List of Publications by Year
in descending order

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30 papers	884 citations	394421 19 h-index	477307 29 g-index
30 all docs	30 docs citations	30 times ranked	836 citing authors

#	Article	IF	Citations
1	Certification of a new selenized yeast reference material (SELM-1) for methionine, selenomethinone and total selenium content and its use in an intercomparison exercise for quantifying these analytes. Analytical and Bioanalytical Chemistry, 2006, 385, 168-180.	3.7	85
2	Determination of total mercury in biological tissues by flow injection cold vapour generation atomic absorption spectrometry following tetramethylammonium hydroxide digestion. Analyst, The, 1998, 123, 1215-1218.	3.5	69
3	Determination of Inorganic and Total Mercury in Biological Tissues by Electrothermal Vaporization Inductively Coupled Plasma Mass Spectrometry. Analyst, The, 1997, 122, 751-754.	3.5	46
4	Graphite furnace atomic absorption spectrometric determination of nickel at sub-ng gâ€“1levels in marine samples by carbonyl generation with in situ pre-concentration. Journal of Analytical Atomic Spectrometry, 1989, 4, 443-446.	3.0	45
5	Quantification of arsenic species in a river water reference material for trace metals by graphite furnace atomic absorption spectrometric techniques. Analyst, The, 1989, 114, 1393.	3.5	43
6	First order speciation of As using flow injection hydride generation atomic absorption spectrometry with in-situ trapping of the arsine in a graphite furnace. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1996, 51, 1781-1790.	2.9	43
7	Determination of trace metals in high-salinity petroleum produced formation water by inductively coupled plasma mass spectrometry following on-line analyte separation/preconcentration. Journal of Analytical Atomic Spectrometry, 2011, 26, 578.	3.0	41
8	Alkaline solubilization of biological materials for trace element analysis by electrothermal atomic absorption spectrometry. Analyst, The, 1999, 124, 1843-1846.	3.5	38
9	Ultrasound-assisted vapor generation of mercury. Analytical and Bioanalytical Chemistry, 2007, 388, 849-857.	3.7	37
10	Determination of inorganic mercury in biological tissues by cold vapor atomic absorption spectrometry following tetramethylammonium hydroxide solubilization. Journal of Analytical Atomic Spectrometry, 1999, 14, 1929-1931.	3.0	36
11	Determination of total mercury in biological samples using flow injection CVAAS following tissue solubilization in formic acid. Talanta, 2006, 68, 1259-1263.	5.5	33
12	Formic acid solubilization of marine biological tissues for multi-element determination by ETAAS and ICPâ€“AES. Analytical and Bioanalytical Chemistry, 2005, 381, 1460-1466.	3.7	32
13	Determination of Thorium and Uranium in Ultrapure Lead by Inductively Coupled Plasma Mass Spectrometry. Analytical Chemistry, 2005, 77, 2432-2436.	6.5	32
14	Ultra-trace determination of mercury in water by cold-vapor generation isotope dilution mass spectrometry. Journal of Analytical Atomic Spectrometry, 2005, 20, 1226.	3.0	29
15	Isotope ratio precision with transient sample introduction using ICP orthogonal acceleration time-of-flight mass spectrometry. Journal of Analytical Atomic Spectrometry, 2005, 20, 1358.	3.0	29
16	Characterization of a suite of ginkgo-containing standard reference materials. Analytical and Bioanalytical Chemistry, 2007, 389, 179-196.	3.7	28
17	Determination of U, Th and Pu in natural waters, biological materials and clinical samples by ETV-ICP-MS. Journal of Analytical Atomic Spectrometry, 2005, 20, 717.	3.0	27
18	Determination of natural Sr and 90Sr in environmental samples by ETV-ICP-MS. Journal of Analytical Atomic Spectrometry, 2007, 22, 1409.	3.0	27

#	Article	IF	Citations
19	Mercury in Arctic air: The long-term trend. Science of the Total Environment, 2009, 407, 2756-2759.	8.0	26
20	Comparison of laser ablation, electrothermal vaporization and solution nebulization for the determination of radionuclides in liquid samples by inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 2006, 21, 1202.	3.0	19
21	Determination of total chromium in seawater with isotope dilution sector field ICP-MS following on-line matrix separation. Journal of Analytical Atomic Spectrometry, 2009, 24, 958.	3.0	18
22	Determination of Arsenobetaine in Fish Tissue by Species Specific Isotope Dilution LC-LTQ-Orbitrap-MS and Standard Addition LC-ICPMS. Analytical Chemistry, 2011, 83, 3371-3378.	6.5	18
23	Preparation of 8-quinolinol immobilized adsorbents with minimum contamination for the preconcentration of trace metals in water.. Bunseki Kagaku, 1993, 42, 107-110.	0.2	17
24	Preparation and certification of a reference material for the determination of nutrients in seawater. Analytical and Bioanalytical Chemistry, 2004, 378, 1239-1242.	3.7	17
25	Dried deposits of biological tissues solubilized using formic acid for LA ICP-TOF-MS. Journal of Analytical Atomic Spectrometry, 2010, 25, 1145.	3.0	16
26	Syntheses of polysulfones containing chelating reagents and their application to the preconcentration of trace metals. Reactive and Functional Polymers, 1996, 31, 207-218.	4.1	13
27	Effects of Î³-sterilization on butyltin homogeneity and content in sediments: a GCâ€“ICPâ€“MS study. Analytical and Bioanalytical Chemistry, 2003, 376, 85-91.	3.7	12
28	Speciation without chromatography : Part 2. Determination of tributyltin by chloride generation flow injection atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2002, 17, 1511-1515.	3.0	7
29	Total filterable mercury and 210Pb in the Canadian Arctic air. Journal of Environmental Monitoring, 2009, 11, 1460.	2.1	1
30	The determination of trace elements in water. Comprehensive Analytical Chemistry, 2003, , 857-902.	1.3	0