MoisÃ©s Knochen

List of Publications by Year
in descending order

33 papers	565 citations	687220 13 h-index	642610 23 g-index
34 all docs	34 docs citations	34 times ranked	688 citing authors

#	Article	IF	Citations
1	Flow-injection spectrophotometric determination of paracetamol in tablets and oral solutions. Journal of Pharmaceutical and Biomedical Analysis, 2003, 33, 191-197.	1.4	103
2	A multicommuted flow system for the determination of copper, chromium, iron and lead in lubricating oils with detection by flame AAS*1. Talanta, 2004, 64, 1220-1225.	2.9	58
3	Fast and simple method using DLLME and FAAS for the determination of trace cadmium in honey. Journal of Food Composition and Analysis, 2019, 82, 103229.	1.9	35
4	Flow-injection determination of phenylephrine hydrochloride in pharmaceutical dosage forms with on-line solid-phase extraction and spectrophotometric detection*1. Talanta, 2004, 64, 1226-1232.	2.9	34
5	A mesofluidic platform integrating restricted access-like sorptive microextraction as a front end to ICP-AES for the determination of trace level concentrations of lead and cadmium as contaminants in honey. Journal of Analytical Atomic Spectrometry, 2016, 31, 473-481.	1.6	31
6	Pulsed flows in flow analysis: Potentialities, limitations and applications. Talanta, 2015, 143, 419-430.	2.9	29
7	Flow-injection spectrophotometric determination of salbutamol with 4-aminoantipyrine*1. Talanta, 2004, 64, 1233-1236.	2.9	27
8	Application of experimental design to the development of a multicomponent derivative spectrophotometric method: simultaneous determination of sulfamethoxazole and trimethoprim. Analyst, The, 1993, 118, 1549.	1.7	26
9	Determination of lithium at ultratrace levels in biological fluids by flame atomic emission spectrometry. Use of first-derivative spectrometry. Analyst, The, 1992, 117, 1373.	1.7	24
10	Automated method for the determination of total arsenic and selenium in natural and drinking water by HG-AAS. Environmental Geochemistry and Health, 2012, 34, 273-278.	1.8	23
11	Determination of total selenium by multicommutated-flow hydride generation atomic absorption spectrometry. Application to cow's milk and infant formulae. Analytical Methods, 2009, 1, 139.	1.3	16
12	Zinc determination in Tannat wine by direct injection onto graphite tube: Electrothermal AAS as an alternative to flame AAS. Microchemical Journal, 2017, 135, 239-244.	2.3	16
13	Enhancement of precision and accuracy in derivative spectrophotometry of highly absorbing samples. Analyst, The, 1991, 116, 69.	1.7	13
14	Determination of insolubles in diesel lubricating oil by FIA-visible spectrometry. Talanta, 2004, 64, 1359-1363.	2.9	13
15	A multicommuted flow system for the determination of dextrose in parenteral and hemodialysis concentrate solutions. Journal of Pharmaceutical and Biomedical Analysis, 2005, 37, 823-828.	1.4	12
16	Simultaneous determination of tranylcypromine sulphate and trifluoperazine dihydrochloride in tablets by first- and fourth-derivative ultraviolet spectrophotometry. Analyst, The, 1989, 114, 1303.	1.7	11
17	Multi-pumping flow system for the determination of boron in eye drops, drinking water and ocean water. Talanta, 2017, 166, 399-404.	2.9	11
18	Effects of noise in derivative spectrophotometry: anomalous bias arising from amplitude measurements. Analyst, The, 1992, 117, 1385.	1.7	10

#	Article	IF	Citations
19	Multicommutated flow system for the determination of glucose in honey with immobilized glucose oxidase reactor and spectrophotometric detection. Talanta, 2009, 77, 1534-1538.	2.9	10
20	Towards the abatement of nitrate interference on selenium determination by photochemical vapor generation. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2020, 169, 105875.	1.5	9
21	Determination of Zinc-Based Additives in Lubricating Oils by Flow-Injection Analysis with Flame-AAS Detection Exploiting Injection with a Computer-Controlled Syringe. Journal of Automated Methods and Management in Chemistry, 2005, 2005, 1-7.	0.5	7
22	Sensitive method for the determination of molybdenum in natural groundwater at sub-ppb levels using DLLME coupled with ETAAS. Analytical Methods, 2017, 9, 1755-1761.	1.3	7
23	Exploitation of reaction mechanisms for sensitivity enhancement in the determination of phosphorus by sequential injection analysis. Talanta, 2020, 209, 120589.	2.9	7
24	Multiparametric Flow System for the Automated Determination of Sodium, Potassium, Calcium, and Magnesium in Large-Volume Parenteral Solutions and Concentrated Hemodialysis Solutions. Journal of Automated Methods and Management in Chemistry, 2006, 2006, 1-6.	0.5	6
25	Automatic determination of insolubles in lubricating oils by flow injection analysis employing an LED-photometer detector. Talanta, 2007, 73, 959-961.	2.9	6
26	A Simple Automated Method for the Determination of Nitrate and Nitrite in Infant Formula and Milk Powder Using Sequential Injection Analysis. Journal of Automated Methods and Management in Chemistry, 2011, 2011, 1-7.	0.5	6
27	Determination of Total Selenium in Infant Formulas: Comparison of the Performance of FIA and MCFA Flow Systems. International Journal of Analytical Chemistry, 2012, 2012, 1-7.	0.4	5
28	Sequential Injection Analysis in Selenium Determination by HG-AAS: Optimisation and Interference Study. Current Analytical Chemistry, 2013, 9, 296-304.	0.6	3
29	LOW COST ANALYZER FOR THE DETERMINATION OF PHOSPHORUS BASED ON OPEN-SOURCE HARDWARE AND PULSED FLOWS. Quimica Nova, 2016, , .	0.3	3
30	Development of a Low-Cost SIA-Based Analyser for Water Samples. Journal of Automated Methods and Management in Chemistry, 2011, 2011, 1-7.	0.5	2
31	Sequential Injection Analysis in Selenium Determination by HG-AAS: Optimisation and Interference Study. Current Analytical Chemistry, 2013, 9, 296-304.	0.6	2
32	Erratum to â€œDevelopment of a Low-Cost SIA-Based Analyser for Water Samplesâ€• Journal of Automated Methods and Management in Chemistry, 2011, 2011, 1-1.	0.5	0
33	Design and construction of a low-cost, in-situ analyzer for nutrients in surface waters, based on open-source hardware and software. Microchemical Journal, 2022, 175, 107134.	2.3	0