

# MoisÃ©s Knochen

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Design and construction of a low-cost, in-situ analyzer for nutrients in surface waters, based on open-source hardware and software. <i>Microchemical Journal</i> , 2022, 175, 107134.	2.3	0
2	Exploitation of reaction mechanisms for sensitivity enhancement in the determination of phosphorus by sequential injection analysis. <i>Talanta</i> , 2020, 209, 120589.	2.9	7
3	Towards the abatement of nitrate interference on selenium determination by photochemical vapor generation. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020, 169, 105875.	1.5	9
4	Fast and simple method using DLLME and FAAS for the determination of trace cadmium in honey. <i>Journal of Food Composition and Analysis</i> , 2019, 82, 103229.	1.9	35
5	Multi-pumping flow system for the determination of boron in eye drops, drinking water and ocean water. <i>Talanta</i> , 2017, 166, 399-404.	2.9	11
6	Sensitive method for the determination of molybdenum in natural groundwater at sub-ppb levels using DLLME coupled with ETAAS. <i>Analytical Methods</i> , 2017, 9, 1755-1761.	1.3	7
7	Zinc determination in Tannat wine by direct injection onto graphite tube: Electrothermal AAS as an alternative to flame AAS. <i>Microchemical Journal</i> , 2017, 135, 239-244.	2.3	16
8	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. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 473-481.	1.6	31
9	LOW COST ANALYZER FOR THE DETERMINATION OF PHOSPHORUS BASED ON OPEN-SOURCE HARDWARE AND PULSED FLOWS. <i>Quimica Nova</i> , 2016, , .	0.3	3
10	Pulsed flows in flow analysis: Potentialities, limitations and applications. <i>Talanta</i> , 2015, 143, 419-430.	2.9	29
11	Sequential Injection Analysis in Selenium Determination by HG-AAS: Optimisation and Interference Study. <i>Current Analytical Chemistry</i> , 2013, 9, 296-304.	0.6	2
12	Sequential Injection Analysis in Selenium Determination by HG-AAS: Optimisation and Interference Study. <i>Current Analytical Chemistry</i> , 2013, 9, 296-304.	0.6	3
13	Determination of Total Selenium in Infant Formulas: Comparison of the Performance of FIA and MCFA Flow Systems. <i>International Journal of Analytical Chemistry</i> , 2012, 2012, 1-7.	0.4	5
14	Automated method for the determination of total arsenic and selenium in natural and drinking water by HG-AAS. <i>Environmental Geochemistry and Health</i> , 2012, 34, 273-278.	1.8	23
15	Erratum to "Development of a Low-Cost SIA-Based Analyser for Water Samples". <i>Journal of Automated Methods and Management in Chemistry</i> , 2011, 2011, 1-1.	0.5	0
16	A Simple Automated Method for the Determination of Nitrate and Nitrite in Infant Formula and Milk Powder Using Sequential Injection Analysis. <i>Journal of Automated Methods and Management in Chemistry</i> , 2011, 2011, 1-7.	0.5	6
17	Development of a Low-Cost SIA-Based Analyser for Water Samples. <i>Journal of Automated Methods and Management in Chemistry</i> , 2011, 2011, 1-7.	0.5	2
18	Multicommutated flow system for the determination of glucose in honey with immobilized glucose oxidase reactor and spectrophotometric detection. <i>Talanta</i> , 2009, 77, 1534-1538.	2.9	10

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19	Determination of total selenium by multicommutated-flow hydride generation atomic absorption spectrometry. Application to cow's milk and infant formulae. <i>Analytical Methods</i> , 2009, 1, 139.	1.3	16
20	Automatic determination of insolubles in lubricating oils by flow injection analysis employing an LED-photometer detector. <i>Talanta</i> , 2007, 73, 959-961.	2.9	6
21	Multiparametric Flow System for the Automated Determination of Sodium, Potassium, Calcium, and Magnesium in Large-Volume Parenteral Solutions and Concentrated Hemodialysis Solutions. <i>Journal of Automated Methods and Management in Chemistry</i> , 2006, 2006, 1-6.	0.5	6
22	A multicommutated flow system for the determination of dextrose in parenteral and hemodialysis concentrate solutions. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 37, 823-828.	1.4	12
23	Determination of Zinc-Based Additives in Lubricating Oils by Flow-Injection Analysis with Flame-AAS Detection Exploiting Injection with a Computer-Controlled Syringe. <i>Journal of Automated Methods and Management in Chemistry</i> , 2005, 2005, 1-7.	0.5	7
24	Determination of insolubles in diesel lubricating oil by FIA-visible spectrometry. <i>Talanta</i> , 2004, 64, 1359-1363.	2.9	13
25	A multicommutated flow system for the determination of copper, chromium, iron and lead in lubricating oils with detection by flame AAS*1. <i>Talanta</i> , 2004, 64, 1220-1225.	2.9	58
26	Flow-injection determination of phenylephrine hydrochloride in pharmaceutical dosage forms with on-line solid-phase extraction and spectrophotometric detection*1. <i>Talanta</i> , 2004, 64, 1226-1232.	2.9	34
27	Flow-injection spectrophotometric determination of salbutamol with 4-aminoantipyrine*1. <i>Talanta</i> , 2004, 64, 1233-1236.	2.9	27
28	Flow-injection spectrophotometric determination of paracetamol in tablets and oral solutions. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 33, 191-197.	1.4	103
29	Application of experimental design to the development of a multicomponent derivative spectrophotometric method: simultaneous determination of sulfamethoxazole and trimethoprim. <i>Analyst</i> , The, 1993, 118, 1549.	1.7	26
30	Determination of lithium at ultratrace levels in biological fluids by flame atomic emission spectrometry. Use of first-derivative spectrometry. <i>Analyst</i> , The, 1992, 117, 1373.	1.7	24
31	Effects of noise in derivative spectrophotometry: anomalous bias arising from amplitude measurements. <i>Analyst</i> , The, 1992, 117, 1385.	1.7	10
32	Enhancement of precision and accuracy in derivative spectrophotometry of highly absorbing samples. <i>Analyst</i> , The, 1991, 116, 69.	1.7	13
33	Simultaneous determination of tranlycypromine sulphate and trifluoperazine dihydrochloride in tablets by first- and fourth-derivative ultraviolet spectrophotometry. <i>Analyst</i> , The, 1989, 114, 1303.	1.7	11