VÃ-ctor CerdÃ

List of Publications by Year
in descending order

273 papers	7,391 citations	66315 42 h-index	123376 61 g-index
277 all docs	277 docs citations	277 times ranked	5408 citing authors

#	Article	IF	Citations
1	Selenium inorganic speciation in beers using MSFIA-HG-AFS system after multivariate optimization. Food Chemistry, 2022, 367, 130673.	4.2	10
2	Chip-Based Spectrofluorimetric Determination of Iodine in a Multi-Syringe Flow Platform with and without In-Line Digestionâ€"Application to Salt, Pharmaceuticals, and Algae Samples. Molecules, 2022, 27, 1325.	1.7	3
3	Simple and Fast Two-Step Fully Automated Methodology for the Online Speciation of Inorganic Antimony Coupled to ICP-MS. Chemosensors, 2022, 10, 139.	1.8	2
4	Flow-based determination of lead exploiting in-syringe dispersive liquid-liquid micro-extraction in xylene and integrated spectrophotometric detection. Talanta, 2022, 247, 123528.	2.9	6
5	Accurate calculation of equilibrium constants using potentiometric titrations. TrAC - Trends in Analytical Chemistry, 2022, 155, 116676.	5.8	1
6	Development of a microfluidic membraneless vaporization flow system for trace analysis of arsenic. Analytical Methods, 2021, 13, 202-211.	1.3	2
7	Development of a Digital Microscope Spectrophotometric System for Determination of the Antioxidant Activity and Total Phenolic Content in Teas. Analytical Letters, 2021, 54, 2727-2735.	1.0	5
8	Automated method for volatile fatty acids determination in anaerobic processes using in-syringe magnetic stirring assisted dispersive liquid-liquid microextraction and gas chromatography with flame ionization detector. Journal of Chromatography A, 2021, 1643, 462034.	1.8	7
9	Determination of long-chain fatty acids in anaerobic digester supernatant and olive mill wastewater exploiting an in-syringe dispersive liquid-liquid microextraction and derivatization-free GC-MS method. Analytical and Bioanalytical Chemistry, 2021, 413, 3833-3845.	1.9	9
10	Recent, advanced sample pretreatments and analytical methods for flavonoids determination in different samples. TrAC - Trends in Analytical Chemistry, 2021, 138, 116220.	5.8	32
11	Chemical Characterization and In Vitro Bioactivity of Apple Bark Extracts Obtained by Subcritical Water. Waste and Biomass Valorization, 2021, 12, 6781-6794.	1.8	7
12	3D printed structure coated with C18 particles in an online flow system coupled to HPLC-DAD for the determination of flavonoids in citrus external peel. Microchemical Journal, 2021, 168, 106421.	2.3	5
13	WinMLR program for the determination of sorbic and benzoic acids in food samples. Food Chemistry, 2021, 361, 130086.	4.2	9
14	Spectrophotometric system based on a device created by 3D printing for the accommodation of a webcam chamber as a detection system. Talanta, 2020, 206, 120250.	2.9	21
15	Fast-response flow-based method for evaluating 131I from biological and hospital waste samples exploiting liquid scintillation detection. Talanta, 2020, 206, 120224.	2.9	4
16	Continuous-Flow Extraction. , 2020, , 745-781.		1
17	Fully automatic system for lead monitoring in water. Microchemical Journal, 2020, 154, 104550.	2.3	4
18	Development of an automatic sequential injection analysis-lab on valve system exploiting molecularly imprinted polymers coupled with high performance liquid chromatography for the determination of estrogens in wastewater samples. Talanta, 2020, 209, 120564.	2.9	20

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19	Determination of Vitamin E in Spirulina Platensis Extracts and Photoprotective Creams by Multi-Syringe Chromatography (MSC) and High-Performance Liquid Chromatography (HPLC). Analytical Letters, 2020, 53, 2949-2959.	1.0	3
20	Automated Spectrophotometric Multi-Pumping Flow System for the Determination of Total Iron in Wine. Analytical Letters, 2020, 53, 2775-2783.	1.0	5
21	WinMLR, a software program for the simultaneous determination of several components in mixtures using multilinear regression analysis. Talanta, 2020, 213, 120830.	2.9	5
22	Design of a portable spectrophotometric system part II: Using a digital microscope as detector. Talanta, 2020, 216, 120977.	2.9	12
23	Determination of total and bioavailable As and Sb in children's paints using the MSFIA system coupled to HG-AFS. Analytical Methods, 2020, 12, 2621-2630.	1.3	2
24	Multisyringe flow injection analysis for the spectrophotometric determination of uranium (VI) with 2-(5-bromo-2-pyridylazo)-5-diethylaminophenol. Microchemical Journal, 2019, 150, 104148.	2.3	8
25	Development of an on-line lab-on-valve micro-solid phase extraction system coupled to liquid chromatography for the determination of flavonoids in citrus juices. Analytica Chimica Acta, 2019, 1082, 56-65.	2.6	17
26	High-Performance Liquid Chromatographic Method for the Simultaneous Determination of Four Flavonols in Food Supplements and Pharmaceutical Formulations. Analytical Letters, 2019, 52, 1298-1314.	1.0	5
27	Automation of radiochemical analysis by flow techniques â€“ A review. TrAC - Trends in Analytical Chemistry, 2019, 118, 352-367.	5.8	15
28	Flow-through magnetic-stirring assisted system for uranium(VI) extraction: First 3D printed device application. Talanta, 2019, 202, 267-273.	2.9	23
29	Direct photoimmobilization of extraction disks on â€œgreen stateâ€•3D printed devices. Talanta, 2019, 202, 67-73.	2.9	16
30	3D printed resin-coated device for uranium (VI) extraction. Talanta, 2019, 196, 510-514.	2.9	28
31	Conductometric Determination of Sulfur Dioxide in Wine Using a Multipumping System Coupled to a Gas-Diffusion cell. Analytical Letters, 2019, 52, 1363-1378.	1.0	16
32	Estrogens determination exploiting a SIA-LOV system prior in-port derivatization-large volume injection-programmable temperature vaporization-gas chromatography. Talanta, 2019, 194, 852-858.	2.9	15
33	Multisyringe flow injection analysis (MSFIA) for the automatic determination of total iron in wines. Food Chemistry, 2019, 277, 261-266.	4.2	11
34	Speciation analysis of antimony in environmental samples employing atomic fluorescence spectrometry â€“ Review. TrAC - Trends in Analytical Chemistry, 2019, 110, 335-343.	5.8	34
35	Immobilization of Metalâ€“Organic Frameworks on Supports for Sample Preparation and Chromatographic Separation. Chromatographia, 2019, 82, 361-375.	0.7	33
36	3D printed device for the automated preconcentration and determination of chromium (VI). Talanta, 2018, 184, 15-22.	2.9	47

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37	Sequential injection system with in-line solid phase extraction and soil mini-column for determination of zinc and copper in soil leachates. Talanta, 2018, 185, 316-323.	2.9	17
38	Hyphenation of flow analysis with spectrometric techniques. Applied Spectroscopy Reviews, 2018, 53, 854-876.	3.4	3
39	Automated solidâ€phase extraction of phenolic acids using layered double hydroxideâ€“aluminaâ€“polymer disks. Journal of Separation Science, 2018, 41, 2012-2019.	1.3	17
40	Simultaneous dispersive liquid-liquid microextraction derivatisation and gas chromatography mass spectrometry analysis of subcritical water extracts of sweet and sour cherry stems. Analytical and Bioanalytical Chemistry, 2018, 410, 1943-1953.	1.9	8
41	Potentiometric chip-based multipumping flow system for the simultaneous determination of fluoride, chloride, pH, and redox potential in water samples. Talanta, 2018, 186, 554-560.	2.9	14
42	Development of flow systems incorporating membraneless vaporization units and flow-through contactless conductivity detector for determination of dissolved ammonium and sulfide in canal water. Talanta, 2018, 177, 34-40.	2.9	30
43	Emerging materials for sample preparation. Journal of Separation Science, 2018, 41, 262-287.	1.3	33
44	Determination of herbicides in environmental water samples by simultaneous inâ€syringe magnetic stirringâ€assisted dispersive liquidâ€“liquid microextraction and silylation followed by GCâ€“MS. Journal of Separation Science, 2018, 41, 1096-1103.	1.3	25
45	Bioactive compounds of sweet and sour cherry stems obtained by subcritical water extraction. Journal of Chemical Technology and Biotechnology, 2018, 93, 1627-1635.	1.6	32
46	Multisyringe flow injection analysis in spectroanalytical techniques â€“ A review. TrAC - Trends in Analytical Chemistry, 2018, 98, 1-18.	5.8	19
47	Recent advances in flow-based automated solid-phase extraction. TrAC - Trends in Analytical Chemistry, 2018, 108, 370-380.	5.8	53
48	Nanoparticle-templated hierarchically porous polymer/zeolitic imidazolate framework as a solid-phase microextraction coatings. Journal of Chromatography A, 2018, 1567, 55-63.	1.8	28
49	Automated dispersive liquid-liquid microextraction based on the solidification of the organic phase. Talanta, 2018, 189, 241-248.	2.9	38
50	Chips: How to build and implement fluidic devices in flow based systems. Talanta, 2017, 166, 412-419.	2.9	8
51	Sensitive kinetic-catalytic spectrophotometric method for cobalt determination using a chip coupled to a multisyringe flow injection analysis system. Talanta, 2017, 166, 405-411.	2.9	11
52	In-syringe dispersive Î¼-SPE of estrogens using magnetic carbon microparticles obtained from zeolitic imidazolate frameworks. Analytical and Bioanalytical Chemistry, 2017, 409, 225-234.	1.9	30
53	Metal-organic framework mixed-matrix disks: Versatile supports for automated solid-phase extraction prior to chromatographic separation. Journal of Chromatography A, 2017, 1488, 1-9.	1.8	61
54	Use of multiresponse statistical techniques to optimize the separation of diosmin, hesperidin, diosmetin and hesperitin in different pharmaceutical preparations by high performance liquid chromatography with UV-DAD. Talanta, 2017, 167, 695-702.	2.9	23

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55	226 Ra dynamic lixiviation from phosphogypsum samples by an automatic flow-through system with integrated renewable solid-phase extraction. Talanta, 2017, 167, 398-403.	2.9	5
56	Microsequential injection lab-on-valve system for the spectrophotometric bi-parametric determination of iron and copper in natural waters. Talanta, 2017, 167, 703-708.	2.9	18
57	From thermometric to spectrophotometric kinetic-catalytic methods of analysis. A review. Talanta, 2017, 167, 733-746.	2.9	9
58	Magnetic solid-phase extraction using metal-organic frameworks (MOFs) and their derived carbons. TrAC - Trends in Analytical Chemistry, 2017, 90, 142-152.	5.8	249
59	Nanoparticle-Directed Metalâ€“Organic Framework/Porous Organic Polymer Monolithic Supports for Flow-Based Applications. ACS Applied Materials & Interfaces, 2017, 9, 1728-1736.	4.0	35
60	On line automated system for the determination of Sb(V), Sb(III), thrimethyl antimony(v) and total antimony in soil employing multisyringe flow injection analysis coupled to HG-AFS. Talanta, 2017, 165, 502-507.	2.9	23
61	3D printed device including disk-based solid-phase extraction for the automated speciation of iron using the multisyringe flow injection analysis technique. Talanta, 2017, 175, 463-469.	2.9	39
62	An integrated automatic system to evaluate U and Th dynamic lixiviation from solid matrices, and to extract/pre-concentrate leached analytes previous ICP-MS detection. Talanta, 2017, 175, 507-513.	2.9	5
63	Incorporation of zeolitic imidazolate framework (ZIF-8)-derived nanoporous carbons in methacrylate polymeric monoliths for capillary electrochromatography. Talanta, 2017, 164, 348-354.	2.9	38
64	Fully Automated System for ⁹⁹Tc Monitoring in Hospital and Urban Residues: A Simple Approach to Waste Management. Analytical Chemistry, 2017, 89, 5857-5863.	3.2	10
65	Masking Agents Evaluation for Lead Determination by Flow Injection-Hydride Generation-Atomic Fluorescence Spectrometry Technique: Effect of KI, L-Cysteine, and 1,10-Phenanthroline. International Journal of Analytical Chemistry, 2016, 2016, 1-9.	0.4	3
66	Development of a MSFIA system for sequential determination of antimony, arsenic and selenium using hydride generation atomic fluorescence spectrometry. Talanta, 2016, 156-157, 29-33.	2.9	36
67	Multivariate optimisation of a rapid and simple automated method for bismuth determination in well water samples exploiting long path length spectrophotometry. International Journal of Environmental Analytical Chemistry, 2016, 96, 653-666.	1.8	5
68	MSFIA-LOV system for 226 Ra isolation and pre-concentration from water samples previous radiometric detection. Analytica Chimica Acta, 2016, 911, 75-81.	2.6	9
69	In-syringe extraction using dissolvable layered double hydroxide-polymer sponges templated from hierarchically porous coordination polymers. Journal of Chromatography A, 2016, 1453, 1-9.	1.8	24
70	Automated multisyringe stir bar sorptive extraction using robust montmorillonite/epoxy-coated stir bars. Journal of Chromatography A, 2016, 1445, 10-18.	1.8	23
71	Monitoring of 7Be and gross beta in particulate matter of surface air from Mallorca Island, Spain. Chemosphere, 2016, 152, 481-489.	4.2	12
72	Automated solid-phase extraction of organic pollutants using melamineâ€“formaldehyde polymer-derived carbon foams. RSC Advances, 2016, 6, 48558-48565.	1.7	24

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73	Automatic flow kinetic-catalytic methods. TrAC - Trends in Analytical Chemistry, 2016, 85, 33-45.	5.8	8
74	Hydrophobic magnetic montmorillonite composite material for the efficient adsorption and microextraction of bisphenol A from water samples. Journal of Environmental Chemical Engineering, 2016, 4, 4062-4071.	3.3	33
75	Metal Oxide Assisted Preparation of Coreâ€“Shell Beads with Dense Metalâ€“Organic Framework Coatings for the Enhanced Extraction of Organic Pollutants. Chemistry - A European Journal, 2016, 22, 11770-11777.	1.7	24
76	Fully-automated in-syringe dispersive liquid-liquid microextraction for the determination of caffeine in coffee beverages. Food Chemistry, 2016, 212, 759-767.	4.2	41
77	Submicrometric Magnetic Nanoporous Carbons Derived from Metalâ€“Organic Frameworks Enabling Automated Electromagnet-Assisted Online Solid-Phase Extraction. Analytical Chemistry, 2016, 88, 6990-6995.	3.2	43
78	A critical comparison of constant and pulsed flow systems exploiting gas diffusion. Talanta, 2016, 148, 596-601.	2.9	2
79	Solid-phase extraction of organic compounds: A critical review (Part I). TrAC - Trends in Analytical Chemistry, 2016, 80, 641-654.	5.8	345
80	Strategies for automating solid-phase extraction and liquid-liquid extraction in radiochemical analysis. TrAC - Trends in Analytical Chemistry, 2016, 76, 145-152.	5.8	50
81	On-line in-syringe magnetic stirring assisted dispersive liquidâ€“liquid microextraction HPLC â€“ UV method for UV filters determination using 1-hexyl-3-methylimidazolium hexafluorophosphate as extractant. Talanta, 2016, 148, 589-595.	2.9	44
82	In-syringe magnetic stirring-assisted dispersive liquidâ€“liquid microextraction and silylation prior gas chromatographyâ€“mass spectrometry for ultraviolet filters determination in environmental water samples. Journal of Chromatography A, 2016, 1443, 26-34.	1.8	37
83	An evaluation of the bioaccessibility of arsenic in corn and rice samples based on cloud point extraction and hydride generation coupled to atomic fluorescence spectrometry. Food Chemistry, 2016, 204, 475-482.	4.2	31
84	Automatic flow analysis method to determine traces of Mn2+ in sea and drinking waters by a kinetic catalytic process using LWCC-spectrophotometric detection. Talanta, 2016, 148, 583-588.	2.9	13
85	Optimization using the gradient and simplex methods. Talanta, 2016, 148, 641-648.	2.9	20
86	On-line lab-in-syringe cloud point extraction for the spectrophotometric determination of antimony. Talanta, 2016, 148, 694-699.	2.9	38
87	Kinetic-catalytic method for sequential determination of iron and copper using a chip coupled to a multipumping flow system. Analytical Methods, 2015, 7, 7858-7865.	1.3	6
88	Analytical strategies for coupling separation and flow-injection techniques. TrAC - Trends in Analytical Chemistry, 2015, 67, 26-33.	5.8	41
89	Determination of priority phenolic pollutants exploiting an in-syringe dispersive liquidâ€“liquid microextractionâ€“multisyringe chromatography system. Analytical and Bioanalytical Chemistry, 2015, 407, 2013-2022.	1.9	32
90	Automatic in-syringe dispersive liquidâ€“liquid microextraction of 99Tc from biological samples and hospital residues prior to liquid scintillation counting. Analytical and Bioanalytical Chemistry, 2015, 407, 5571-5578.	1.9	21

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91	A portable multi-syringe flow system for spectrofluorimetric determination of iodide in seawater. Talanta, 2015, 144, 1155-1162.	2.9	26
92	Automatic In-Syringe Dispersive Microsolid Phase Extraction Using Magnetic Metalâ€“Organic Frameworks. Analytical Chemistry, 2015, 87, 7545-7549.	3.2	75
93	Spectrophotometric determination of bromide in water using the multisyringe flow injection analysis technique coupled to a gas-diffusion unit. Analytical Methods, 2015, 7, 4202-4208.	1.3	14
94	A non-chromatographic automated system for antimony speciation in natural water exploiting multisyringe flow injection analysis coupled with online hydride generation â€“ atomic fluorescence spectrometry. Journal of Analytical Atomic Spectrometry, 2015, 30, 1133-1141.	1.6	20
95	An innovative arrangement for in-vial membrane-assisted liquid-liquid microextraction: application to the determination of esters of phthalic acid in alcoholic beverages by gas chromatography-mass spectrometry. Analytical and Bioanalytical Chemistry, 2015, 407, 4213-4217.	1.9	19
96	Zeolitic imidazolate framework dispersions for the fast and highly efficient extraction of organic micropollutants. RSC Advances, 2015, 5, 28203-28210.	1.7	34
97	Parabens determination in cosmetic and personal care products exploiting a multi-syringe chromatographic (MSC) system and chemiluminescent detection. Talanta, 2015, 143, 254-262.	2.9	19
98	Estrogens determination in wastewater samples by automatic in-syringe dispersive liquidâ€“liquid microextraction prior silylation and gas chromatography. Journal of Chromatography A, 2015, 1413, 1-8.	1.8	41
99	Determination of lead in complex sample matrices by atomic fluorescence spectrometry: optimisation of online hydride generation. International Journal of Environmental Analytical Chemistry, 2015, , 1-12.	1.8	3
100	Uranium monitoring tool for rapid analysis of environmental samples based on automated liquid-liquid microextraction. Talanta, 2015, 134, 674-680.	2.9	22
101	Automation of 99Tc extraction by LOV prior ICP-MS detection: Application to environmental samples. Talanta, 2015, 133, 88-93.	2.9	22
102	Iron speciation by microsequential injection solid phase spectrometry using 3-hydroxy-1(H)-2-methyl-4-pyridinone as chromogenic reagent. Talanta, 2015, 133, 15-20.	2.9	25
103	A multisyringe flow-based system for kineticâ€“catalytic determination of cobalt(II). Talanta, 2015, 133, 94-99.	2.9	17
104	Development of a MSFIA sample treatment system as front end of GCâ€“MS for atenolol and propranolol determination in human plasma. Talanta, 2015, 132, 15-22.	2.9	21
105	Online Analytical Determination Modes. , 2014, , 43-64.		0
106	Automating Radiochemical Analysis. , 2014, , 247-264.		0
107	Online Separation and Preconcentration Methods. , 2014, , 65-102.		1
108	Environmental Applications. , 2014, , 175-245.		0

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109	A highly reproducible solenoid micropump system for the analysis of total inorganic carbon and ammonium using gas-diffusion with conductimetric detection. Talanta, 2014, 118, 186-194.	2.9	27
110	Online coupling lab on valve-dispersive liquidâ€“liquid microextraction-multisyringe flow injection with gas chromatography-mass spectrometry for the determination of sixteen priority PAHs in water. Analytical Methods, 2014, 6, 3335-3344.	1.3	16
111	Automated in-syringe dispersive liquid-liquid microextraction. TrAC - Trends in Analytical Chemistry, 2014, 59, 1-8.	5.8	75
112	Inâ€syringeâ€assisted dispersive liquidâ€“liquid microextraction coupled to gas chromatography with mass spectrometry for the determination of six phthalates in water samples. Journal of Separation Science, 2014, 37, 974-981.	1.3	26
113	In-syringe magnetic stirring assisted dispersive liquidâ€“liquid micro-extraction with solvent washing for fully automated determination of cationic surfactants. Analytical Methods, 2014, 6, 9601-9609.	1.3	30
114	Automatic integrated system for catalytic spectrophotometric determination of vanadium in water samples. Analytical Methods, 2014, 6, 9142-9151.	1.3	7
115	Multi-commuted flow system for cadmium determination in natural water by cold vapour atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2014, 29, 2398-2404.	1.6	11
116	An automated catalytic spectrophotometric method for manganese analysis using a chip-multisyringe flow injection system (Chip-MSFIA). Analytical Methods, 2014, 6, 5088-5096.	1.3	10
117	An automated in-chip-catalyticâ€“spectrophotometric method for determination of copper(<scp>ii</scp>) using a multisyringe flow injection analysis-multipumping flow system. Analytical Methods, 2014, 6, 8494-8504.	1.3	13
118	Different decay patterns observed in a nineteenth-century building (Palma, Spain). Environmental Science and Pollution Research, 2014, 21, 8663-8672.	2.7	9
119	In-syringe magnetic stirring-assisted dispersive liquidâ€“liquid microextraction for automation and downscaling of methylene blue active substances assay. Talanta, 2014, 130, 555-560.	2.9	29
120	Automated in-chip kinetic-catalytic method for molybdenum determination. Talanta, 2014, 119, 68-74.	2.9	17
121	Evolution and Description ofÂthe Principal Flow Techniques. , 2014, , 1-42.		7
122	In-syringe magnetic-stirring-assisted liquidâ€“liquid microextraction for the spectrophotometric determination of Cr(VI) in waters. Analytical and Bioanalytical Chemistry, 2013, 405, 6761-6769.	1.9	39
123	In-syringe-stirring: A novel approach for magnetic stirring-assisted dispersive liquidâ€“liquid microextraction. Analytica Chimica Acta, 2013, 788, 52-60.	2.6	77
124	Automated Method for Simultaneous Lead and Strontium Isotopic Analysis Applied to Rainwater Samples and Airborne Particulate Filters (PM₁₀). Environmental Science & Technology, 2013, 47, 9850-9857.	4.6	13
125	On-line monitoring of the photocatalytic degradation of 2,4-D and dicamba using a solid-phase extraction-multisyringe flow injection system. Journal of Environmental Management, 2013, 129, 377-383.	3.8	15
126	A miniaturized analyzer for the catalytic determination of iodide in seawater and pharmaceutical samples. Talanta, 2013, 108, 92-102.	2.9	28

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127	Chip-On-Valve Concept: An Integrated Platform for Multisyringe Flow Injection Analysis: Application to Nitrite and Nitrate Determination in Seawater. Analytical Letters, 2013, 46, 2345-2358.	1.0	10
128	Implementation and optimisation of a highâ€temperature loading strategy of liquid standards in the quantification of volatile organic compounds using solid sorbents. Journal of Separation Science, 2013, 36, 503-510.	1.3	2
129	Exploiting the use of 3,4-HPO ligands as nontoxic reagents for the determination of iron in natural waters with a sequential injection approach. Talanta, 2013, 108, 38-45.	2.9	29
130	Pollution Pathways of Pharmaceutical Residues in the Aquatic Environment on the Island of Mallorca, Spain. Archives of Environmental Contamination and Toxicology, 2013, 65, 56-66.	2.1	59
131	Automatic and Simple Method for ⁹⁹Tc Determination Using a Selective Resin and Liquid Scintillation Detection Applied to Urine Samples. Analytical Chemistry, 2013, 85, 5491-5498.	3.2	19
132	Determination of mercury in rice by MSFIA and cold vapour atomic fluorescence spectrometry. Food Chemistry, 2013, 137, 159-163.	4.2	45
133	Environmental Applications of Excitation-Emission Spectrofluorimetry: An In-Depth Review II. Applied Spectroscopy Reviews, 2013, 48, 77-141.	3.4	61
134	Volatile organic compounds in landfill odorant emissions on the island of Mallorca. International Journal of Environmental Analytical Chemistry, 2013, 93, 434-449.	1.8	29
135	Conductometric determination of ammonium by a multisyringe flow injection system applying gas diffusion. International Journal of Environmental Analytical Chemistry, 2013, 93, 1236-1252.	1.8	18
136	Multipumping flow systems devoid of computer control for process and environmental monitoring. International Journal of Environmental Analytical Chemistry, 2012, 92, 344-354.	1.8	4
137	Laboratory automation based on flow techniques. Pure and Applied Chemistry, 2012, 84, 1983-1998.	0.9	13
138	Multisyringe Chromatography (MSC): An Effective and Low Cost Tool for Water-Soluble Vitamin Separation. Analytical Letters, 2012, 45, 2637-2647.	1.0	3
139	Use of thermal desorptionâ€“gas chromatographyâ€“mass spectrometry (TDâ€“GCâ€“MS) on identification of odorant emission focus by volatile organic compounds characterisation. Chemosphere, 2012, 89, 1426-1436.	4.2	40
140	Fully automated lab-on-valve-multisyringe flow injection analysis-ICP-MS system: an effective tool for fast, sensitive and selective determination of thorium and uranium at environmental levels exploiting solid phase extraction. Journal of Analytical Atomic Spectrometry, 2012, 27, 327.	1.6	69
141	Determination of ppb-level phenol index using in-syringe dispersive liquid-liquid microextraction and liquid waveguide capillary cell spectrophotometry. Mikrochimica Acta, 2012, 179, 91-98.	2.5	24
142	Fully-Automated Fluorimetric Determination of Aluminum in Seawater by In-Syringe Dispersive Liquidâ€“Liquid Microextraction Using Lumogallion. Analytical Chemistry, 2012, 84, 9462-9469.	3.2	49
143	Towards the development of a miniaturized fiberless optofluidic biosensor for glucose. Talanta, 2012, 96, 113-120.	2.9	26
144	Automated total and radioactive strontium separation and preconcentration in samples of environmental interest exploiting a lab-on-valve system. Talanta, 2012, 96, 96-101.	2.9	26

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145	Cadmium determination in natural water samples with an automatic multisyringe flow injection system coupled to a flow-through screen printed electrode. Talanta, 2012, 96, 140-146.	2.9	21
146	Automatic determination of copper by in-syringe dispersive liquidâ€“liquid microextraction of its bathocuproine-complex using long path-length spectrophotometric detection. Talanta, 2012, 99, 349-356.	2.9	67
147	A MSFIA system for selenium speciation by atomic fluorescence spectrometry. Journal of Analytical Atomic Spectrometry, 2012, 27, 1858.	1.6	10
148	Lab in a syringe: fully automated dispersive liquidâ€“liquid microextraction with integrated spectrophotometric detection. Analytical and Bioanalytical Chemistry, 2012, 404, 909-917.	1.9	90
149	MONOLITHIC COLUMNS IN FLOW ANALYSIS: A REVIEW OF SIC AND MSC TECHNIQUES. Instrumentation Science and Technology, 2012, 40, 90-99.	0.9	15
150	Automated solid-phase spectrophotometric system for optosensing of bromate in drinking waters. Analytical Methods, 2012, 4, 1229.	1.3	16
151	A multi-syringe flow system for monitoring moderately fast chemical reactions. Journal of the Brazilian Chemical Society, 2012, 23, 1989-1996.	0.6	0
152	Standardization of UVâ€“visible data in a food adulteration classification problem. Food Chemistry, 2012, 134, 2326-2331.	4.2	34
153	Completely automated in-syringe dispersive liquidâ€“liquid microextraction using solvents lighter than water. Analytical and Bioanalytical Chemistry, 2012, 402, 1383-1388.	1.9	70
154	Spectrofluorimetric method for monitoring fluorene in rivers. Analytical Methods, 2011, 3, 1323.	1.3	1
155	Spectrophotometric Determination of Bromate in Water Using Multisyringe Flow Injection Analysis. Analytical Letters, 2011, 44, 284-297.	1.0	18
156	Flow-through Dispersed Carbon Nanofiber-Based Microsolid-Phase Extraction Coupled to Liquid Chromatography for Automatic Determination of Trace Levels of Priority Environmental Pollutants. Analytical Chemistry, 2011, 83, 5237-5244.	3.2	47
157	Multisyringe Flow Injection Potentialities for Hyphenation with Different Types of Separation Techniques. Analytical Letters, 2011, 44, 360-373.	1.0	12
158	Applicability of multisyringe chromatography coupled to cold-vapor atomic fluorescence spectrometry for mercury speciation analysis. Analytica Chimica Acta, 2011, 708, 11-18.	2.6	53
159	Lab on valve-multisyringe flow injection system (LOV-MSFIA) for fully automated uranium determination in environmental samples. Talanta, 2011, 84, 1221-1227.	2.9	35
160	A membraneless gas-diffusion unit â€“ multisyringe flow injection spectrophotometric method for ammonium determination in untreated environmental samples. Talanta, 2011, 84, 1244-1252.	2.9	36
161	A miniature and field-applicable multipumping flow analyzer for ammonium monitoring in seawater with fluorescence detection. Talanta, 2011, 85, 380-385.	2.9	39
162	Improved spectrophotometric determination of paraquat in drinking waters exploiting a Multisyringe liquid core waveguide system. Talanta, 2011, 85, 588-595.	2.9	43

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