

Victor Cerda

List of Publications by Year in Descending Order

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

272
papers

6,069
citations

37
h-index

56
g-index

277
ext. papers

6,642
ext. citations

5.8
avg. IF

6.13
L-index

#	Paper	IF	Citations
272	Selenium inorganic speciation in beers using MSFIA-HG-AFS system after multivariate optimization. <i>Food Chemistry</i> , 2022 , 367, 130673	8.5	2
271	Simple and Fast Two-Step Fully Automated Methodology for the Online Speciation of Inorganic Antimony Coupled to ICP-MS. <i>Chemosensors</i> , 2022 , 10, 139	4	
270	Flow-based determination of lead exploiting in-syringe dispersive liquid-liquid micro-extraction in xylene and integrated spectrophotometric detection. <i>Talanta</i> , 2022 , 123528	6.2	1
269	Accurate calculation of equilibrium constants using potentiometric titrations. <i>TrAC - Trends in Analytical Chemistry</i> , 2022 , 155, 116676	14.6	
268	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. <i>Journal of Chromatography A</i> , 2021 , 1643, 462034	4.5	0
267	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. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 3833-3845	4.4	0
266	Recent, advanced sample pretreatments and analytical methods for flavonoids determination in different samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 138, 116220	14.6	7
265	Chemical Characterization and In Vitro Bioactivity of Apple Bark Extracts Obtained by Subcritical Water. <i>Waste and Biomass Valorization</i> , 2021 , 12, 6781	3.2	2
264	Development of a microfluidic membraneless vaporization flow system for trace analysis of arsenic. <i>Analytical Methods</i> , 2021 , 13, 202-211	3.2	0
263	Development of a Digital Microscope Spectrophotometric System for Determination of the Antioxidant Activity and Total Phenolic Content in Teas. <i>Analytical Letters</i> , 2021 , 54, 2727-2735	2.2	1
262	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. <i>Microchemical Journal</i> , 2021 , 168, 106421	4.8	1
261	WinMLR program for the determination of sorbic and benzoic acids in food samples. <i>Food Chemistry</i> , 2021 , 361, 130086	8.5	1
260	Determination of Vitamin E in Spirulina Platensis Extracts and Photoprotective Creams by Multi-Syringe Chromatography (MSC) and High-Performance Liquid Chromatography (HPLC). <i>Analytical Letters</i> , 2020 , 53, 2949-2959	2.2	1
259	Automated Spectrophotometric Multi-Pumping Flow System for the Determination of Total Iron in Wine. <i>Analytical Letters</i> , 2020 , 53, 2775-2783	2.2	2
258	WinMLR, a software program for the simultaneous determination of several components in mixtures using multilinear regression analysis. <i>Talanta</i> , 2020 , 213, 120830	6.2	2
257	Design of a portable spectrophotometric system part II: Using a digital microscope as detector. <i>Talanta</i> , 2020 , 216, 120977	6.2	6
256	Continuous-Flow Extraction 2020 , 745-781		

255	Fully automatic system for lead monitoring in water. <i>Microchemical Journal</i> , 2020 , 154, 104550	4.8	2
254	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. <i>Talanta</i> , 2020 , 209, 120564	6.2	9
253	Spectrophotometric system based on a device created by 3D printing for the accommodation of a webcam chamber as a detection system. <i>Talanta</i> , 2020 , 206, 120250	6.2	16
252	Fast-response flow-based method for evaluating I from biological and hospital waste samples exploiting liquid scintillation detection. <i>Talanta</i> , 2020 , 206, 120224	6.2	3
251	Determination of total and bioavailable As and Sb in children's paints using the MSFIA system coupled to HG-AFS. <i>Analytical Methods</i> , 2020 , 12, 2621-2630	3.2	1
250	High-Performance Liquid Chromatographic Method for the Simultaneous Determination of Four Flavonols in Food Supplements and Pharmaceutical Formulations. <i>Analytical Letters</i> , 2019 , 52, 1298-1314	4.2	3
249	Automation of radiochemical analysis by flow techniques [A review]. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 118, 352-367	14.6	8
248	Flow-through magnetic-stirring assisted system for uranium(VI) extraction: First 3D printed device application. <i>Talanta</i> , 2019 , 202, 267-273	6.2	14
247	Direct photoimmobilization of extraction disks on "green state" 3D printed devices. <i>Talanta</i> , 2019 , 202, 67-73	6.2	11
246	Multisyringe flow injection analysis for the spectrophotometric determination of uranium (VI) with 2-(5-bromo-2-pyridylazo)-5-diethylaminophenol. <i>Microchemical Journal</i> , 2019 , 150, 104148	4.8	3
245	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. <i>Analytica Chimica Acta</i> , 2019 , 1082, 56-65	6.6	10
244	3D printed resin-coated device for uranium (VI) extraction. <i>Talanta</i> , 2019 , 196, 510-514	6.2	18
243	Conductometric Determination of Sulfur Dioxide in Wine Using a Multipumping System Coupled to a Gas-Diffusion cell. <i>Analytical Letters</i> , 2019 , 52, 1363-1378	2.2	13
242	Estrogens determination exploiting a SIA-LOV system prior in-port derivatization-large volume injection-programmable temperature vaporization-gas chromatography. <i>Talanta</i> , 2019 , 194, 852-858	6.2	8
241	Multisyringe flow injection analysis (MSFIA) for the automatic determination of total iron in wines. <i>Food Chemistry</i> , 2019 , 277, 261-266	8.5	7
240	Speciation analysis of antimony in environmental samples employing atomic fluorescence spectrometry [Review]. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 110, 335-343	14.6	21
239	Immobilization of Metal-Organic Frameworks on Supports for Sample Preparation and Chromatographic Separation. <i>Chromatographia</i> , 2019 , 82, 361-375	2.1	20
238	3D printed device for the automated preconcentration and determination of chromium (VI). <i>Talanta</i> , 2018 , 184, 15-22	6.2	38

237	Sequential injection system with in-line solid phase extraction and soil mini-column for determination of zinc and copper in soil leachates. <i>Talanta</i> , 2018 , 185, 316-323	6.2	13
236	Hyphenation of flow analysis with spectrometric techniques. <i>Applied Spectroscopy Reviews</i> , 2018 , 53, 854-876	4.5	2
235	Automated solid-phase extraction of phenolic acids using layered double hydroxide-alumina-polymer disks. <i>Journal of Separation Science</i> , 2018 , 41, 2012-2019	3.4	12
234	Simultaneous dispersive liquid-liquid microextraction derivatisation and gas chromatography mass spectrometry analysis of subcritical water extracts of sweet and sour cherry stems. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 1943-1953	4.4	8
233	Potentiometric chip-based multipumping flow system for the simultaneous determination of fluoride, chloride, pH, and redox potential in water samples. <i>Talanta</i> , 2018 , 186, 554-560	6.2	9
232	Development of flow systems incorporating membraneless vaporization units and flow-through contactless conductivity detector for determination of dissolved ammonium and sulfide in canal water. <i>Talanta</i> , 2018 , 177, 34-40	6.2	20
231	Emerging materials for sample preparation. <i>Journal of Separation Science</i> , 2018 , 41, 262-287	3.4	26
230	Determination of herbicides in environmental water samples by simultaneous in-syringe magnetic stirring-assisted dispersive liquid-liquid microextraction and silylation followed by GC-MS. <i>Journal of Separation Science</i> , 2018 , 41, 1096-1103	3.4	16
229	Bioactive compounds of sweet and sour cherry stems obtained by subcritical water extraction. <i>Journal of Chemical Technology and Biotechnology</i> , 2018 , 93, 1627-1635	3.5	19
228	Multisyringe flow injection analysis in spectroanalytical techniques [A review]. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 98, 1-18	14.6	15
227	Recent advances in flow-based automated solid-phase extraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 108, 370-380	14.6	36
226	Nanoparticle-templated hierarchically porous polymer/zeolitic imidazolate framework as a solid-phase microextraction coatings. <i>Journal of Chromatography A</i> , 2018 , 1567, 55-63	4.5	23
225	Automated dispersive liquid-liquid microextraction based on the solidification of the organic phase. <i>Talanta</i> , 2018 , 189, 241-248	6.2	27
224	Chips: How to build and implement fluidic devices in flow based systems. <i>Talanta</i> , 2017 , 166, 412-419	6.2	7
223	Sensitive kinetic-catalytic spectrophotometric method for cobalt determination using a chip coupled to a multisyringe flow injection analysis system. <i>Talanta</i> , 2017 , 166, 405-411	6.2	8
222	In-syringe dispersive SPE of estrogens using magnetic carbon microparticles obtained from zeolitic imidazolate frameworks. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 225-234	4.4	22
221	Metal-organic framework mixed-matrix disks: Versatile supports for automated solid-phase extraction prior to chromatographic separation. <i>Journal of Chromatography A</i> , 2017 , 1488, 1-9	4.5	45
220	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. <i>Talanta</i> , 2017 , 167, 695-702	6.2	18

219	Ra dynamic lixiviation from phosphogypsum samples by an automatic flow-through system with integrated renewable solid-phase extraction. <i>Talanta</i> , 2017 , 167, 398-403	6.2	5
218	Microsequential injection lab-on-valve system for the spectrophotometric bi-parametric determination of iron and copper in natural waters. <i>Talanta</i> , 2017 , 167, 703-708	6.2	13
217	From thermometric to spectrophotometric kinetic-catalytic methods of analysis. A review. <i>Talanta</i> , 2017 , 167, 733-746	6.2	5
216	Magnetic solid-phase extraction using metal-organic frameworks (MOFs) and their derived carbons. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 90, 142-152	14.6	184
215	Nanoparticle-Directed Metal-Organic Framework/Porous Organic Polymer Monolithic Supports for Flow-Based Applications. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 1728-1736	9.5	30
214	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. <i>Talanta</i> , 2017 , 165, 502-507	6.2	22
213	3D printed device including disk-based solid-phase extraction for the automated speciation of iron using the multisyringe flow injection analysis technique. <i>Talanta</i> , 2017 , 175, 463-469	6.2	31
212	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. <i>Talanta</i> , 2017 , 175, 507-513	6.2	4
211	Incorporation of zeolitic imidazolate framework (ZIF-8)-derived nanoporous carbons in methacrylate polymeric monoliths for capillary electrochromatography. <i>Talanta</i> , 2017 , 164, 348-354	6.2	30
210	Fully Automated System for Tc Monitoring in Hospital and Urban Residues: A Simple Approach to Waste Management. <i>Analytical Chemistry</i> , 2017 , 89, 5857-5863	7.8	9
209	Optimization using the gradient and simplex methods. <i>Talanta</i> , 2016 , 148, 641-8	6.2	14
208	On-line lab-in-syringe cloud point extraction for the spectrophotometric determination of antimony. <i>Talanta</i> , 2016 , 148, 694-9	6.2	33
207	Hydrophobic magnetic montmorillonite composite material for the efficient adsorption and microextraction of bisphenol A from water samples. <i>Journal of Environmental Chemical Engineering</i> , 2016 , 4, 4062-4071	6.8	25
206	Metal Oxide Assisted Preparation of Core-Shell Beads with Dense Metal-Organic Framework Coatings for the Enhanced Extraction of Organic Pollutants. <i>Chemistry - A European Journal</i> , 2016 , 22, 11770-7	4.8	20
205	Fully-automated in-syringe dispersive liquid-liquid microextraction for the determination of caffeine in coffee beverages. <i>Food Chemistry</i> , 2016 , 212, 759-67	8.5	33
204	Submicrometric Magnetic Nanoporous Carbons Derived from Metal-Organic Frameworks Enabling Automated Electromagnet-Assisted Online Solid-Phase Extraction. <i>Analytical Chemistry</i> , 2016 , 88, 6990-3	7.8	34
203	A critical comparison of constant and pulsed flow systems exploiting gas diffusion. <i>Talanta</i> , 2016 , 148, 596-601	6.2	2
202	Solid-phase extraction of organic compounds: A critical review (Part I). <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 80, 641-654	14.6	249

201	Strategies for automating solid-phase extraction and liquid-liquid extraction in radiochemical analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 76, 145-152	14.6	35
200	On-line in-syringe magnetic stirring assisted dispersive liquid-liquid microextraction HPLC-UV method for UV filters determination using 1-hexyl-3-methylimidazolium hexafluorophosphate as extractant. <i>Talanta</i> , 2016 , 148, 589-95	6.2	39
199	In-syringe magnetic stirring-assisted dispersive liquid-liquid microextraction and silylation prior gas chromatography-mass spectrometry for ultraviolet filters determination in environmental water samples. <i>Journal of Chromatography A</i> , 2016 , 1443, 26-34	4.5	33
198	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. <i>Food Chemistry</i> , 2016 , 204, 475-482	8.5	25
197	Automatic flow analysis method to determine traces of Mn ²⁺ in sea and drinking waters by a kinetic catalytic process using LWCC-spectrophotometric detection. <i>Talanta</i> , 2016 , 148, 583-8	6.2	11
196	Masking Agents Evaluation for Lead Determination by Flow Injection-Hydride Generation-Atomic Fluorescence Spectrometry Technique: Effect of KI, L-Cysteine, and 1,10-Phenanthroline. <i>International Journal of Analytical Chemistry</i> , 2016 , 2016, 3095120	1.4	2
195	Development of a MSFIA system for sequential determination of antimony, arsenic and selenium using hydride generation atomic fluorescence spectrometry. <i>Talanta</i> , 2016 , 156-157, 29-33	6.2	27
194	Multivariate optimisation of a rapid and simple automated method for bismuth determination in well water samples exploiting long path length spectrophotometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2016 , 96, 653-666	1.8	4
193	MSFIA-LOV system for (226)Ra isolation and pre-concentration from water samples previous radiometric detection. <i>Analytica Chimica Acta</i> , 2016 , 911, 75-81	6.6	9
192	In-syringe extraction using dissolvable layered double hydroxide-polymer sponges templated from hierarchically porous coordination polymers. <i>Journal of Chromatography A</i> , 2016 , 1453, 1-9	4.5	17
191	Automated multisyringe stir bar sorptive extraction using robust montmorillonite/epoxy-coated stir bars. <i>Journal of Chromatography A</i> , 2016 , 1445, 10-8	4.5	19
190	Monitoring of (7)Be and gross beta in particulate matter of surface air from Mallorca Island, Spain. <i>Chemosphere</i> , 2016 , 152, 481-9	8.4	11
189	Automated solid-phase extraction of organic pollutants using melamine-formaldehyde polymer-derived carbon foams. <i>RSC Advances</i> , 2016 , 6, 48558-48565	3.7	20
188	Chemometrics-assisted cross injection analysis for simultaneous determination of phosphate and silicate. <i>International Journal of Environmental Analytical Chemistry</i> , 2016 , 1-18	1.8	1
187	Automatic flow kinetic-catalytic methods. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 85, 33-45	14.6	6
186	Automatic in-syringe dispersive liquid-liquid microextraction of ¹³⁷ Cs from biological samples and hospital residues prior to liquid scintillation counting. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 5571-8	4.4	18
185	A portable multi-syringe flow system for spectrofluorimetric determination of iodide in seawater. <i>Talanta</i> , 2015 , 144, 1155-62	6.2	22
184	Automatic In-Syringe Dispersive Microsolid Phase Extraction Using Magnetic Metal-Organic Frameworks. <i>Analytical Chemistry</i> , 2015 , 87, 7545-9	7.8	61

183	Spectrophotometric determination of bromide in water using the multisyringe flow injection analysis technique coupled to a gas-diffusion unit. <i>Analytical Methods</i> , 2015 , 7, 4202-4208	3.2	13
182	A non-chromatographic automated system for antimony speciation in natural water exploiting multisyringe flow injection analysis coupled with online hydride generation and atomic fluorescence spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2015 , 30, 1133-1141	3.7	17
181	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. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 4213-7	4.4	10
180	Zeolitic imidazolate framework dispersions for the fast and highly efficient extraction of organic micropollutants. <i>RSC Advances</i> , 2015 , 5, 28203-28210	3.7	27
179	Parabens determination in cosmetic and personal care products exploiting a multi-syringe chromatographic (MSC) system and chemiluminescent detection. <i>Talanta</i> , 2015 , 143, 254-262	6.2	15
178	Estrogens determination in wastewater samples by automatic in-syringe dispersive liquid-liquid microextraction prior silylation and gas chromatography. <i>Journal of Chromatography A</i> , 2015 , 1413, 1-8	4.5	36
177	Determination of lead in complex sample matrices by atomic fluorescence spectrometry: optimisation of online hydride generation. <i>International Journal of Environmental Analytical Chemistry</i> , 2015 , 1-12	1.8	3
176	Uranium monitoring tool for rapid analysis of environmental samples based on automated liquid-liquid microextraction. <i>Talanta</i> , 2015 , 134, 674-680	6.2	19
175	Automation of U extraction by LOV prior ICP-MS detection: application to environmental samples. <i>Talanta</i> , 2015 , 133, 88-93	6.2	21
174	Iron speciation by microsequential injection solid phase spectrometry using 3-hydroxy-1(H)-2-methyl-4-pyridinone as chromogenic reagent. <i>Talanta</i> , 2015 , 133, 15-20	6.2	22
173	A multisyringe flow-based system for kinetic-catalytic determination of cobalt(II). <i>Talanta</i> , 2015 , 133, 94-9	6.2	14
172	Development of a MSFIA sample treatment system as front end of GC-MS for atenolol and propranolol determination in human plasma. <i>Talanta</i> , 2015 , 132, 15-22	6.2	17
171	Kinetic-catalytic method for sequential determination of iron and copper using a chip coupled to a multipumping flow system. <i>Analytical Methods</i> , 2015 , 7, 7858-7865	3.2	4
170	Analytical strategies for coupling separation and flow-injection techniques. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 67, 26-33	14.6	33
169	Determination of priority phenolic pollutants exploiting an in-syringe dispersive liquid-liquid microextraction-multisyringe chromatography system. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 2013-22	4.4	28
168	Online coupling lab on valve-dispersive liquid-liquid microextraction-multisyringe flow injection with gas chromatography-mass spectrometry for the determination of sixteen priority PAHs in water. <i>Analytical Methods</i> , 2014 , 6, 3335-3344	3.2	14
167	Automated in-syringe dispersive liquid-liquid microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2014 , 59, 1-8	14.6	68
166	In-syringe-assisted dispersive liquid-liquid microextraction coupled to gas chromatography with mass spectrometry for the determination of six phthalates in water samples. <i>Journal of Separation Science</i> , 2014 , 37, 974-81	3.4	23

165	In-syringe magnetic stirring assisted dispersive liquid-liquid micro-extraction with solvent washing for fully automated determination of cationic surfactants. <i>Analytical Methods</i> , 2014 , 6, 9601-9609	3.2	24
164	Automatic integrated system for catalytic spectrophotometric determination of vanadium in water samples. <i>Analytical Methods</i> , 2014 , 6, 9142-9151	3.2	7
163	Multi-commuted flow system for cadmium determination in natural water by cold vapour atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2014 , 29, 2398-2404	3.7	8
162	An automated catalytic spectrophotometric method for manganese analysis using a chip-multisyringe flow injection system (Chip-MSFIA). <i>Analytical Methods</i> , 2014 , 6, 5088-5096	3.2	10
161	An automated in-chip-catalytic spectrophotometric method for determination of copper(II) using a multisyringe flow injection analysis-multipumping flow system. <i>Analytical Methods</i> , 2014 , 6, 8494-8504	3.2	12
160	Different decay patterns observed in a nineteenth-century building (Palma, Spain). <i>Environmental Science and Pollution Research</i> , 2014 , 21, 8663-72	5.1	8
159	In-syringe magnetic stirring-assisted dispersive liquid-liquid microextraction for automation and downscaling of methylene blue active substances assay. <i>Talanta</i> , 2014 , 130, 555-60	6.2	27
158	Automated in-chip kinetic-catalytic method for molybdenum determination. <i>Talanta</i> , 2014 , 119, 68-74	6.2	16
157	Online Analytical Determination Modes 2014 , 43-64		
156	Instrumentation: Detectors, Accessories and Interfaces 2014 , 125-162		
155	Automating Radiochemical Analysis 2014 , 247-264		
154	Online Separation and Preconcentration Methods 2014 , 65-102		1
153	Environmental Applications 2014 , 175-245		
152	A highly reproducible solenoid micropump system for the analysis of total inorganic carbon and ammonium using gas-diffusion with conductimetric detection. <i>Talanta</i> , 2014 , 118, 186-94	6.2	23
151	Evolution and Description of the Principal Flow Techniques 2014 , 1-42		4
150	In-syringe magnetic-stirring-assisted liquid-liquid microextraction for the spectrophotometric determination of Cr(VI) in waters. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 6761-9	4.4	37
149	In-syringe-stirring: a novel approach for magnetic stirring-assisted dispersive liquid-liquid microextraction. <i>Analytica Chimica Acta</i> , 2013 , 788, 52-60	6.6	70
148	Automated method for simultaneous lead and strontium isotopic analysis applied to rainwater samples and airborne particulate filters (PM10). <i>Environmental Science & Technology</i> , 2013 , 47, 9850-7	10.3	10

147	On-line monitoring of the photocatalytic degradation of 2,4-D and dicamba using a solid-phase extraction-multisyringe flow injection system. <i>Journal of Environmental Management</i> , 2013 , 129, 377-83	7.9	11
146	A miniaturized analyzer for the catalytic determination of iodide in seawater and pharmaceutical samples. <i>Talanta</i> , 2013 , 108, 92-102	6.2	24
145	Chip-On-Valve Concept: An Integrated Platform for Multisyringe Flow Injection Analysis: Application to Nitrite and Nitrate Determination in Seawater. <i>Analytical Letters</i> , 2013 , 46, 2345-2358	2.2	8
144	Implementation and optimisation of a high-temperature loading strategy of liquid standards in the quantification of volatile organic compounds using solid sorbents. <i>Journal of Separation Science</i> , 2013 , 36, 503-10	3.4	2
143	Exploiting the use of 3,4-HPO ligands as nontoxic reagents for the determination of iron in natural waters with a sequential injection approach. <i>Talanta</i> , 2013 , 108, 38-45	6.2	25
142	Pollution pathways of pharmaceutical residues in the aquatic environment on the island of Mallorca, Spain. <i>Archives of Environmental Contamination and Toxicology</i> , 2013 , 65, 56-66	3.2	50
141	Automatic and simple method for ^{137}Cs determination using a selective resin and liquid scintillation detection applied to urine samples. <i>Analytical Chemistry</i> , 2013 , 85, 5491-8	7.8	18
140	Determination of mercury in rice by MSFIA and cold vapour atomic fluorescence spectrometry. <i>Food Chemistry</i> , 2013 , 137, 159-63	8.5	37
139	Environmental Applications of Excitation-Emission Spectrofluorimetry: An In-Depth Review II. <i>Applied Spectroscopy Reviews</i> , 2013 , 48, 77-141	4.5	53
138	Volatile organic compounds in landfill odorant emissions on the island of Mallorca. <i>International Journal of Environmental Analytical Chemistry</i> , 2013 , 93, 434-449	1.8	20
137	Conductometric determination of ammonium by a multisyringe flow injection system applying gas diffusion. <i>International Journal of Environmental Analytical Chemistry</i> , 2013 , 93, 1236-1252	1.8	13
136	Completely automated in-syringe dispersive liquid-liquid microextraction using solvents lighter than water. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 402, 1383-8	4.4	64
135	Multisyringe Chromatography (MSC): An Effective and Low Cost Tool for Water-Soluble Vitamin Separation. <i>Analytical Letters</i> , 2012 , 45, 2637-2647	2.2	3
134	Use of thermal desorption-gas chromatography-mass spectrometry (TD-GC-MS) on identification of odorant emission focus by volatile organic compounds characterisation. <i>Chemosphere</i> , 2012 , 89, 1426-36	8.4	34
133	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. <i>Journal of Analytical Atomic Spectrometry</i> , 2012 , 27, 327	3.7	58
132	Determination of ppb-level phenol index using in-syringe dispersive liquid-liquid microextraction and liquid waveguide capillary cell spectrophotometry. <i>Mikrochimica Acta</i> , 2012 , 179, 91-98	5.8	23
131	Fully-automated fluorimetric determination of aluminum in seawater by in-syringe dispersive liquid-liquid microextraction using lumogallion. <i>Analytical Chemistry</i> , 2012 , 84, 9462-9	7.8	46
130	Towards the development of a miniaturized fiberless optofluidic biosensor for glucose. <i>Talanta</i> , 2012 , 96, 113-20	6.2	25

129	Automated total and radioactive strontium separation and preconcentration in samples of environmental interest exploiting a lab-on-valve system. <i>Talanta</i> , 2012 , 96, 96-101	6.2	22
128	Cadmium determination in natural water samples with an automatic multisyringe flow injection system coupled to a flow-through screen printed electrode. <i>Talanta</i> , 2012 , 96, 140-6	6.2	20
127	Automatic determination of copper by in-syringe dispersive liquid-liquid microextraction of its bathocuproine-complex using long path-length spectrophotometric detection. <i>Talanta</i> , 2012 , 99, 349-56	6.2	64
126	A MSFIA system for selenium speciation by atomic fluorescence spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2012 , 27, 1858	3.7	8
125	Lab in a syringe: fully automated dispersive liquid-liquid microextraction with integrated spectrophotometric detection. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 909-17	4.4	82
124	MONOLITHIC COLUMNS IN FLOW ANALYSIS: A REVIEW OF SIC AND MSC TECHNIQUES. <i>Instrumentation Science and Technology</i> , 2012 , 40, 90-99	1.4	14
123	Automated solid-phase spectrophotometric system for optosensing of bromate in drinking waters. <i>Analytical Methods</i> , 2012 , 4, 1229	3.2	14
122	Standardization of UV-visible data in a food adulteration classification problem. <i>Food Chemistry</i> , 2012 , 134, 2326-31	8.5	28
121	Multipumping flow systems devoid of computer control for process and environmental monitoring. <i>International Journal of Environmental Analytical Chemistry</i> , 2012 , 92, 344-354	1.8	2
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