Miguel ValcÃ¡rcel Cases

List of Publications by Year
in descending order

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538 papers	18,165 citations	16451 64 h-index	43889 91 g-index
542 all docs	542 docs citations	542 times ranked	12856 citing authors

#	Article	IF	Citations
1	A Systematic Comparative Study of the Toxicity of Semiconductor and Graphitic Carbon-Based Quantum Dots Using In Vitro Cell Models. Applied Sciences (Switzerland), 2020, 10, 8845.	2.5	5
2	Ionic-liquid-based microextraction method for the determination of silver nanoparticles in consumer products. Analytical and Bioanalytical Chemistry, 2019, 411, 5023-5031.	3.7	12
3	Analytical reliability of simple, rapid, minuturizated, direct analytical processes: A call to arms. TrAC - Trends in Analytical Chemistry, 2019, 114, 98-107.	11.4	11
4	Cyclodextrin-modified nanodiamond for the sensitive fluorometric determination of doxorubicin in urine based on its differential affinity towards Î²/Î³-cyclodextrins. Mikrochimica Acta, 2018, 185, 115.	5.0	19
5	Modified nanocellulose as promising material for the extraction of gold nanoparticles. Microchemical Journal, 2018, 138, 379-383.	4.5	16
6	Analytical Nanoscience and Nanotechnology: Where we are and where we are heading. Talanta, 2018, 177, 104-121.	5.5	56
7	Nanothera(g)nosis and Chemistry: A Fruitful Binomial. Journal of Nanomedicine & Nanotechnology, 2018, 09, .	1.1	2
8	Integrated sampling and analysis unit for the determination of sexual pheromones in environmental air using fabric phase sorptive extraction and headspace-gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2017, 1488, 17-25.	3.7	27
9	Photoluminescent sensing hydrogel platform based on the combination of nanocellulose and S,N-codoped graphene quantum dots. Sensors and Actuators B: Chemical, 2017, 245, 946-953.	7.8	80
10	Fluorescent nanocellulosic hydrogels based on graphene quantum dots for sensing laccase. Analytica Chimica Acta, 2017, 974, 93-99.	5.4	83
11	Detection of nanocellulose in commercial products and its size characterization using asymmetric flow field-flow fractionation. Mikrochimica Acta, 2017, 184, 1069-1076.	5.0	10
12	Usefulness of Analytical Research: Rethinking Analytical R&D&T Strategies. Analytical Chemistry, 2017, 89, 11167-11172.	6.5	3
13	Nanocellulose as analyte and analytical tool: Opportunities and challenges. TrAC - Trends in Analytical Chemistry, 2017, 87, 1-18.	11.4	59
14	Magnetic nanoparticles coated with ionic liquid for the extraction of endocrine disrupting compounds from waters. Microchemical Journal, 2016, 128, 347-353.	4.5	60
15	Pharmaceutical crystallization with nanocellulose organogels. Chemical Communications, 2016, 52, 7782-7785.	4.1	35
16	Determination of propranolol and carvedilol in urine samples using a magnetic polyamide composite and LCâ€“MS/MS. Bioanalysis, 2016, 8, 2115-2123.	1.5	11
17	Preparation and evaluation of micro and meso porous silica monoliths with embedded carbon nanoparticles for the extraction of non-polar compounds from waters. Journal of Chromatography A, 2016, 1468, 55-63.	3.7	21
18	In-syringe dispersive micro-solid phase extraction using carbon fibres for the determination of chlorophenols in human urine by gas chromatography/mass spectrometry. Journal of Chromatography A, 2016, 1464, 42-49.	3.7	37

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19	Selective extraction of Bactrocera oleae sexual pheromone from olive oil by dispersive magnetic microsolid phase extraction using a molecularly imprinted nanocomposite. Journal of Chromatography A, 2016, 1455, 57-64.	3.7	26
20	One-Step Synthesis and Characterization of N-Doped Carbon Nanodots for Sensing in Organic Media. Analytical Chemistry, 2016, 88, 3178-3185.	6.5	39
21	Î²-Cyclodextrin functionalized carbon quantum dots as sensors for determination of water-soluble C₆₀fullerenes in water. Analyst, The, 2016, 141, 2682-2687.	3.5	24
22	Gels based on nanocellulose with photosensitive ruthenium bipyridine moieties as sensors for silver nanoparticles in real samples. Sensors and Actuators B: Chemical, 2016, 229, 31-37.	7.8	35
23	Analytical methodologies for nanotoxicity assessment. TrAC - Trends in Analytical Chemistry, 2016, 84, 160-171.	11.4	29
24	Determination of TiO2 nanoparticles in sunscreen using N-doped graphene quantum dots as a fluorescent probe. Mikrochimica Acta, 2016, 183, 781-789.	5.0	28
25	Dispersive micro-solid phase extraction of bisphenol A from milk using magnetic nylon 6 composite and its final determination by HPLC-UV. Microchemical Journal, 2016, 124, 751-756.	4.5	75
26	Quo vadis, analytical chemistry?. Analytical and Bioanalytical Chemistry, 2016, 408, 13-21.	3.7	8
27	The third way in analytical nanoscience and nanotechnology: Involvement of nanotools and nanoanalytes in the same analytical process. TrAC - Trends in Analytical Chemistry, 2016, 75, 1-9.	11.4	48
28	Improved microextraction of selected triazines using polymer monoliths modified with carboxylated multi-walled carbon nanotubes. Mikrochimica Acta, 2016, 183, 465-474.	5.0	33
29	Sulfonated nanocellulose for the efficient dispersive micro solid-phase extraction and determination of silver nanoparticles in food products. Journal of Chromatography A, 2016, 1428, 352-358.	3.7	51
30	Ion Mobility Spectrometry versus Classical Physico-chemical Analysis for Assessing the Shelf Life of Extra Virgin Olive Oil According to Container Type and Storage Conditions. Journal of Agricultural and Food Chemistry, 2015, 63, 2179-2188.	5.2	39
31	Multilayer grapheneâ€“gold nanoparticle hybrid substrate for the SERS determination of metronidazole. Microchemical Journal, 2015, 121, 6-13.	4.5	42
32	Use of switchable hydrophilicity solvents for the homogeneous liquidâ€“liquid microextraction of triazine herbicides from environmental water samples. Journal of Separation Science, 2015, 38, 990-995.	2.5	79
33	Reusable sensor based on functionalized carbon dots for the detection of silver nanoparticles in cosmetics via inner filter effect. Analytica Chimica Acta, 2015, 872, 70-76.	5.4	79
34	Fluorescent carbon dotâ€“molecular salt hydrogels. Chemical Science, 2015, 6, 6139-6146.	7.4	95
35	Scanning electron microscopy of carbon nanotubes dispersed in ionic liquid: Solvent influence study. Microchemical Journal, 2015, 122, 137-143.	4.5	10
36	Green detection of the olive fruit fly pest by the direct determination of its sexual pheromone. Analytical Methods, 2015, 7, 7228-7233.	2.7	4

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37	Determination of volatile compounds by GCâ€“IMS to assign the quality of virgin olive oil. Food Chemistry, 2015, 187, 572-579.	8.2	124
38	Î²-Cyclodextrin decorated nanocellulose: a smart approach towards the selective fluorimetric determination of danofloxacin in milk samples. Analyst, The, 2015, 140, 3431-3438.	3.5	50
39	Fluorescent determination of graphene quantum dots in water samples. Analytica Chimica Acta, 2015, 896, 78-84.	5.4	23
40	Polymerâ€“nanoparticles composites in bioanalytical sample preparation. Bioanalysis, 2015, 7, 1723-1730.	1.5	28
41	Determination of urinary 5-hydroxyindoleacetic acid by combining DÎ¼-SPE using carbon coated TiO₂ nanotubes and LCâ€“MS/MS. Bioanalysis, 2015, 7, 2857-2867.	1.5	4
42	Stir fabric phase sorptive extraction for the determination of triazine herbicides in environmental waters by liquid chromatography. Journal of Chromatography A, 2015, 1376, 35-45.	3.7	81
43	Photoluminescent carbon dot sensor for carboxylated multiwalled carbon nanotube detection in river water. Sensors and Actuators B: Chemical, 2015, 207, 596-601.	7.8	45
44	Fast simultaneous determination of prominent polyphenols in vegetables and fruits by reversed phase liquid chromatography using a fused-core column. Food Chemistry, 2015, 169, 169-179.	8.2	23
45	Use of switchable solvents in the microextraction context. Talanta, 2015, 131, 645-649.	5.5	114
46	Determination of Tuta absoluta pheromones in water and tomato samples by headspaceâ€“gas chromatographyâ€“mass spectrometry. Analytical and Bioanalytical Chemistry, 2015, 407, 795-802.	3.7	3
47	Effects of the interaction of single-walled carbon nanotubes with 4-nonylphenol on their in vitro toxicity. Journal of Hazardous Materials, 2014, 275, 107-115.	12.4	16
48	Carbon coated titanium dioxide nanotubes: Synthesis, characterization and potential application as sorbents in dispersive micro solid phase extraction. Journal of Chromatography A, 2014, 1343, 26-32.	3.7	35
49	Graphene quantum dots as sensor for phenols in olive oil. Sensors and Actuators B: Chemical, 2014, 197, 350-357.	7.8	59
50	Carbon nanotubes as SPE sorbents for the extraction of salicylic acid from river water. Journal of Separation Science, 2014, 37, 434-439.	2.5	23
51	Effervescence assisted dispersive liquidâ€“liquid microextraction with extractant removal by magnetic nanoparticles. Analytica Chimica Acta, 2014, 807, 61-66.	5.4	95
52	Continuous flow synthesis and characterization of tailor-made bare gold nanoparticles for use in SERS. Mikrochimica Acta, 2014, 181, 1101-1108.	5.0	27
53	Functionalized carbon dots as sensors for gold nanoparticles in spiked samples: Formation of nanohybrids. Analytica Chimica Acta, 2014, 820, 133-138.	5.4	55
54	Magnetic nanoparticles-nylon 6 composite for the dispersive micro solid phase extraction of selected polycyclic aromatic hydrocarbons from water samples. Journal of Chromatography A, 2014, 1345, 43-49.	3.7	66

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55	Characterization of stainless steel assisted bare gold nanoparticles and their analytical potential. Talanta, 2014, 118, 321-327.	5.5	15
56	Infrared Attenuated Total Reflection Spectroscopy for the Characterization of Gold Nanoparticles in Solution. Analytical Chemistry, 2014, 86, 783-789.	6.5	29
57	A quantitative model to assess Social Responsibility in Environmental Science and Technology. Science of the Total Environment, 2014, 466-467, 40-46.	8.0	5
58	Microextraction techniques. Analytical and Bioanalytical Chemistry, 2014, 406, 1999-2000.	3.7	14
59	Determination of Gold Nanoparticles in Biological, Environmental, and Agrifood Samples. Comprehensive Analytical Chemistry, 2014, , 395-426.	1.3	2
60	Analytical Nanoscience andÂNanotechnology. Comprehensive Analytical Chemistry, 2014, , 3-35.	1.3	9
61	Graphene Quantum Dots Sensor for the Determination of Graphene Oxide in Environmental Water Samples. Analytical Chemistry, 2014, 86, 12279-12284.	6.5	68
62	Evaluation of phenylene-bridged periodic mesoporous organosilica as a stationary phase for solid phase extraction. Journal of Chromatography A, 2014, 1370, 25-32.	3.7	22
63	<formula formulatype="inline"><tex Notation="TeX">k</tex> </formula>-factor Test Voltage Function for Oscillating Lightning Impulses in Nonhomogenous Air Gaps. IEEE Transactions on Power Delivery, 2014, 29, 2254-2260.	4.3	3
64	Raman spectroscopic characterization of single walled carbon nanotubes: influence of the sample aggregation state. Analyst, The, 2014, 139, 290-298.	3.5	61
65	UV-polymerized butyl methacrylate monoliths with embedded carboxylic single-walled carbon nanotubes for CEC applications. Analytical and Bioanalytical Chemistry, 2014, 406, 6329-6336.	3.7	19
66	Titanium-dioxide nanotubes as sorbents in (micro)extraction techniques. TrAC - Trends in Analytical Chemistry, 2014, 62, 37-45.	11.4	39
67	Single-walled carbon nanohorns immobilized on a microporous hollow polypropylene fiber as a sorbent for the extraction of volatile organic compounds from water samples. Mikrochimica Acta, 2014, 181, 1117-1124.	5.0	16
68	Analysis of citrate-capped gold and silver nanoparticles by thiol ligand exchange capillary electrophoresis. Mikrochimica Acta, 2014, 181, 1789-1796.	5.0	31
69	Micro-solid phase extraction based on oxidized single-walled carbon nanohorns immobilized on a stir borosilicate disk: Application to the preconcentration of the endocrine disruptor benzophenone-3. Microchemical Journal, 2014, 115, 87-94.	4.5	33
70	Ternary composites of nanocellulose, carbonanotubes and ionic liquids as new extractants for direct immersion single drop microextraction. Talanta, 2014, 125, 72-77.	5.5	49
71	On-line headspace-multicapillary column-ion mobility spectrometry hyphenation as a tool for the determination of off-flavours in foods. Journal of Chromatography A, 2014, 1333, 99-105.	3.7	30
72	Determination of penicillins in milk of animal origin by capillary electrophoresis: Is sample treatment the bottleneck for routine laboratories?. Talanta, 2014, 119, 75-82.	5.5	33

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73	Stir-membrane solidâ€“liquidâ€“liquid microextraction for the determination of parabens in human breast milk samples by ultra high performance liquid chromatography-tandem mass spectrometry. Journal of Chromatography A, 2014, 1354, 26-33.	3.7	39
74	Oxidized single-walled carbon nanohorns as sorbent for porous hollow fiber direct immersion solid-phase microextraction for the determination of triazines in waters. Analytical and Bioanalytical Chemistry, 2013, 405, 2661-2669.	3.7	20
75	Stir octadecyl-modified borosilicate disk for the liquid phase microextraction of triazine herbicides from environmental waters. Journal of Chromatography A, 2013, 1307, 58-65.	3.7	23
76	Determination of TNT explosive based on its selectively interaction with creatinine-capped CdSe/ZnS quantum dots. Analytica Chimica Acta, 2013, 792, 93-100.	5.4	42
77	Synergistic relationships between Analytical Chemistry and written standards. Analytica Chimica Acta, 2013, 788, 1-7.	5.4	10
78	Liquidâ€“liquid extraction assisted by a carbon nanoparticles interface. Electrophoretic determination of atrazine in environmental samples. Analyst, The, 2013, 138, 5913.	3.5	6
79	Effervescence-assisted carbon nanotubes dispersion for the micro-solid-phase extraction of triazine herbicides from environmental waters. Analytical and Bioanalytical Chemistry, 2013, 405, 3269-3277.	3.7	66
80	The social responsibility of Nanoscience and Nanotechnology: an integral approach. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	8
81	Graphene nanoparticles as pseudostationary phase for the electrokinetic separation of nonsteroidal antiâ€inflammatory drugs. Electrophoresis, 2013, 34, 2561-2567.	2.4	14
82	Evaluation of hippuric acid content in goat milk as a marker of feeding regimen. Journal of Dairy Science, 2013, 96, 5426-5434.	3.4	19
83	Nanoparticles and continuous-flow systems combine synergistically for preconcentration. TrAC - Trends in Analytical Chemistry, 2013, 43, 109-120.	11.4	13
84	Sequential Preconcentration and On-Membrane Raman Determination of Carboxylic Single-Walled Carbon Nanotubes in River Water Samples. Analytical Chemistry, 2013, 85, 10338-10343.	6.5	15
85	Determination of carboxylic SWCNTs in river water by microextraction in ionic liquid and determination by Raman spectroscopy. Talanta, 2013, 105, 75-79.	5.5	25
86	Strong luminescence of Carbon Dots induced by acetone passivation: Efficient sensor for a rapid analysis of two different pollutants. Analytica Chimica Acta, 2013, 804, 246-251.	5.4	81
87	A quartz crystal microbalance modified with carbon nanotubes as a sensor for volatile organic compounds. Sensors and Actuators B: Chemical, 2013, 186, 811-816.	7.8	16
88	The Toxicity of Silver Nanoparticles Depends on Their Uptake by Cells and Thus on Their Surface Chemistry. Particle and Particle Systems Characterization, 2013, 30, 1079-1085.	2.3	131
89	Ionic liquid combined with carbon nanotubes: A soft material for the preconcentration of PAHs. Talanta, 2013, 104, 169-172.	5.5	25
90	Determination of parabens in waters by magnetically confined hydrophobic nanoparticle microextraction coupled to gas chromatography/mass spectrometry. Microchemical Journal, 2013, 110, 643-648.	4.5	43

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91	Solidâ€phase extraction of nitrophenols in water by using a combination of carbon nanotubes with an ionic liquid coupled inâ€line to <scp>CE</scp>. Electrophoresis, 2013, 34, 304-308.	2.4	25
92	Effect of carbon nanotubes on properties of soft materials based on carbon nanotubesâ€“ionic liquid combinations. Talanta, 2013, 110, 160-163.	5.5	12
93	Simple and fast fluorimetric determination of the critical gel concentration of soft nanomaterials. Analytica Chimica Acta, 2013, 785, 91-97.	5.4	4
94	Hybridization of commercial polymeric microparticles and magnetic nanoparticles for the dispersive micro-solid phase extraction of nitroaromatic hydrocarbons from water. Journal of Chromatography A, 2013, 1271, 50-55.	3.7	48
95	A comparative study between different alternatives to prepare gaseous standards for calibrating UV-Ion Mobility Spectrometers. Talanta, 2013, 111, 111-118.	5.5	7
96	Bare gold nanoparticles mediated surface-enhanced Raman spectroscopic determination and quantification of carboxylated single-walled carbon nanotubes. Analytica Chimica Acta, 2013, 788, 122-128.	5.4	33
97	A simple sample treatment for the determination of enrofloxacin and ciprofloxacin in raw goat milk. Microchemical Journal, 2013, 110, 533-537.	4.5	18
98	Comparison of two evaporative universal detectors for the determination of sugars in food samples by liquid chromatography. Microchemical Journal, 2013, 110, 629-635.	4.5	26
99	Multiplexed Sensing and Imaging with Colloidal Nano- and Microparticles. Annual Review of Analytical Chemistry, 2013, 6, 53-81.	5.4	65
100	Qualitative detection and quantitative determination of single-walled carbon nanotubes in mixtures of carbon nanotubes with a portable Raman spectrometer. Analyst, The, 2013, 138, 2378.	3.5	14
101	Functionalization and dispersion of carbon nanotubes in ionic liquids. TrAC - Trends in Analytical Chemistry, 2013, 47, 99-110.	11.4	96
102	Teaching Social Responsibility in Analytical Chemistry. Analytical Chemistry, 2013, 85, 6152-6161.	6.5	14
103	Ionic liquid coated magnetic nanoparticles for the gas chromatography/mass spectrometric determination of polycyclic aromatic hydrocarbons in waters. Journal of Chromatography A, 2013, 1300, 134-140.	3.7	80
104	The Role of Ion Mobility Spectrometry to Support the Food Protected Designation of Origin. Comprehensive Analytical Chemistry, 2013, 60, 221-249.	1.3	6
105	Nanodiamonds assisted-cloud point extraction for the determination of fluoranthene in river water. Analytical Methods, 2013, 5, 3864.	2.7	9
106	Determination of water-soluble vitamins in infant milk and dietary supplement using a liquid chromatography on-line coupled to a corona-charged aerosol detector. Journal of Chromatography A, 2013, 1313, 253-258.	3.7	36
107	Solid phase extraction-capillary electrophoresis determination of sulphonamide residues in milk samples by use of C18-carbon nanotubes as hybrid sorbent materials. Analyst, The, 2013, 138, 3786.	3.5	21
108	Magnetically confined hydrophobic nanoparticles for the microextraction of endocrine-disrupting phenols from environmental waters. Analytical and Bioanalytical Chemistry, 2013, 405, 2729-2734.	3.7	13

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109	Dispersive micro-solid phase extraction with ionic liquid-modified silica for the determination of organophosphate pesticides in water by ultra performance liquid chromatography. Microchemical Journal, 2013, 106, 311-317.	4.5	91
110	Microextraction by packed sorbents combined with surface-enhanced Raman spectroscopy for determination of musk ketone in river water. Analytical and Bioanalytical Chemistry, 2013, 405, 7251-7257.	3.7	12
111	Stir-membrane liquid microextraction for the determination of paracetamol in human saliva samples. Bioanalysis, 2013, 5, 307-315.	1.5	16
112	Easy sample treatment for the determination of enrofloxacin and ciprofloxacin residues in raw bovine milk by capillary electrophoresis. Electrophoresis, 2012, 33, 2978-2986.	2.4	34
113	Headspaceâ€“multicapillary columnâ€“ion mobility spectrometry for the direct analysis of 2,4,6-trichloroanisole in wine and cork samples. Journal of Chromatography A, 2012, 1265, 149-154.	3.7	12
114	Combination of carbon nanotubes modified filters with microextraction by packed sorbent for the NACE analysis of trace levels of ionic liquids in river water samples. Talanta, 2012, 89, 124-128.	5.5	13
115	Evaluation of single-walled carbon nanohorns as sorbent in dispersive micro solid-phase extraction. Analytica Chimica Acta, 2012, 714, 76-81.	5.4	77
116	Dispersive micro solid-phase extraction of triazines from waters using oxidized single-walled carbon nanohorns as sorbent. Journal of Chromatography A, 2012, 1245, 17-23.	3.7	93
117	Stir frit microextraction: An approach for the determination of volatile compounds in water by headspace-gas chromatography/mass spectrometry. Journal of Chromatography A, 2012, 1251, 10-15.	3.7	10
118	Use of carboxylic group functionalized magnetic nanoparticles for the preconcentration of metals in juice samples prior to the determination by capillary electrophoresis. Electrophoresis, 2012, 33, 2446-2453.	2.4	14
119	(CdSe/ZnS QDs)-ionic liquid-based headspace single drop microextraction for the fluorimetric determination of trimethylamine in fish. Analyst, The, 2012, 137, 1152.	3.5	29
120	Rapid analysis of gold nanoparticles in liver and river water samples. Analyst, The, 2012, 137, 3528.	3.5	42
121	Coiled carbon nanotubes combined with ionic liquid: a new soft material for SPE. Analytical and Bioanalytical Chemistry, 2012, 404, 903-907.	3.7	17
122	Analytical Chemistry Today and Tomorrow. , 2012, , .		1
123	Determination of non-steroidal anti-inflammatory drugs in urine by the combination of stir membrane liquidâ€“liquidâ€“liquid microextraction and liquid chromatography. Analytical and Bioanalytical Chemistry, 2012, 403, 2583-2589.	3.7	35
124	Determination of pesticides by capillary chromatography and SERS detection using a novel Silver-Quantum dots â€œspongeâ€•nanocomposite. Journal of Chromatography A, 2012, 1225, 55-61.	3.7	29
125	Ionic liquid based in situ solvent formation microextraction coupled to thermal desorption for chlorophenols determination in waters by gas chromatography/mass spectrometry. Journal of Chromatography A, 2012, 1229, 48-54.	3.7	53
126	Multi-capillary column-ion mobility spectrometry: a potential screening system to differentiate virgin olive oils. Analytical and Bioanalytical Chemistry, 2012, 402, 489-498.	3.7	65

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127	Direct coupling of dispersive micro-solid phase extraction and thermal desorption for sensitive gas chromatographic analysis. Analytical Methods, 2011, 3, 991.	2.7	21
128	Nanoparticle-based microextraction techniques in bioanalysis. Bioanalysis, 2011, 3, 2533-2548.	1.5	32
129	Calix[8]arene Coated CdSe/ZnS Quantum Dots as C₆₀-Nanosensor. Analytical Chemistry, 2011, 83, 8093-8100.	6.5	37
130	Determination of 2,4,6-tricholoroanisole in water and wine samples by ionic liquid-based single-drop microextraction and ion mobility spectrometry. Analytica Chimica Acta, 2011, 702, 199-204.	5.4	55
131	Determination of amines based on their interaction with QDs: Effect of the formation QD-assemblies. Analytica Chimica Acta, 2011, 703, 212-218.	5.4	3
132	Sample treatments based on dispersive (micro)extraction. Analytical Methods, 2011, 3, 1719.	2.7	75
133	Direct coupling of a gasâ€“liquid separator to an ion mobility spectrometer for the classification of different white wines using chemometrics tools. Talanta, 2011, 84, 471-479.	5.5	50
134	Is a new approach to Analytical Chemistry possible?. Talanta, 2011, 85, 1707-1708.	5.5	7
135	Capillary Electrophoresis Method for the Characterization and Separation of CdSe Quantum Dots. Analytical Chemistry, 2011, 83, 2807-2813.	6.5	38
136	Colistin-functionalised CdSe/ZnS quantum dots as fluorescent probe for the rapid detection of Escherichia coli. Biosensors and Bioelectronics, 2011, 26, 4368-4374.	10.1	60
137	Sample Treatments Based on Ionic Liquids. , 2011, , .		0
138	Direct determination of 2,4,6-tricholoroanisole in wines by single-drop ionic liquid microextraction coupled with multicapillary column separation and ion mobility spectrometry detection. Journal of Chromatography A, 2011, 1218, 7574-7580.	3.7	35
139	Enhancing sensitivity and selectivity in the determination of aldehydes in olive oil by use of a Tenax TA trap coupled to a UV-ion mobility spectrometer. Journal of Chromatography A, 2011, 1218, 7543-7549.	3.7	20
140	Effervescence-assisted dispersive micro-solid phase extraction. Journal of Chromatography A, 2011, 1218, 9128-9134.	3.7	68
141	Determination of Pyrimidine and Purine Bases by Reversed-Phase Capillary Liquid Chromatography with At-Line Surface-Enhanced Raman Spectroscopic Detection Employing a Novel SERS Substrate Based on ZnS/CdSe Silverâ€“Quantum Dots. Analytical Chemistry, 2011, 83, 9391-9398.	6.5	43
142	Analytical potential of hybrid nanoparticles. Analytical and Bioanalytical Chemistry, 2011, 399, 43-54.	3.7	60
143	Nanomaterials for improved analytical processes. Analytical and Bioanalytical Chemistry, 2011, 399, 1-2.	3.7	12
144	Stir membrane liquidâ€“liquid microextraction. Journal of Chromatography A, 2011, 1218, 869-874.	3.7	45

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145	Potential of nanoparticles in sample preparation. Journal of Chromatography A, 2011, 1218, 620-637.	3.7	199
146	Determination of phenols in waters by stir membrane liquidâ€“liquidâ€“liquid microextraction coupled to liquid chromatography with ultraviolet detection. Journal of Chromatography A, 2011, 1218, 2176-2181.	3.7	76
147	Rapid fluorescence determination of diquat herbicide in food grains using quantum dots as new reducing agent. Analytica Chimica Acta, 2011, 692, 103-108.	5.4	24
148	Direct classification of olive oils by using two types of ion mobility spectrometers. Analytica Chimica Acta, 2011, 696, 108-115.	5.4	70
149	Sensitive determination of polycyclic aromatic hydrocarbons in water samples using monolithic capillary solid-phase extraction and on-line thermal desorption prior to gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2011, 1218, 1802-1807.	3.7	24
150	Electrophoretic methods for the analysis of nanoparticles. TrAC - Trends in Analytical Chemistry, 2011, 30, 58-71.	11.4	92
151	Ion-mobility spectrometry for environmental analysis. TrAC - Trends in Analytical Chemistry, 2011, 30, 677-690.	11.4	114
152	Highly selective and non-conventional sorbents for the determination of biomarkers in urine by liquid chromatography. Analytical and Bioanalytical Chemistry, 2010, 397, 1029-1038.	3.7	11
153	Sensitive in-surface infrared monitoring coupled to stir membrane extraction for the selective determination of total hydrocarbon index in waters. Analytical and Bioanalytical Chemistry, 2010, 398, 1427-1433.	3.7	20
154	Evaluation of the performance of singleâ€walled carbon nanohorns in capillary electrophoresis. Electrophoresis, 2010, 31, 1681-1688.	2.4	92
155	Differentiation of organic goat's milk based on its hippuric acid content as determined by capillary electrophoresis. Electrophoresis, 2010, 31, 2211-2217.	2.4	19
156	Carbon nanocones/disks as new coating for solid-phase microextraction. Journal of Chromatography A, 2010, 1217, 3341-3347.	3.7	28
157	Sample treatments improved by electric fields. TrAC - Trends in Analytical Chemistry, 2010, 29, 158-165.	11.4	38
158	The roles of ionic liquids in sorptive microextraction techniques. TrAC - Trends in Analytical Chemistry, 2010, 29, 602-616.	11.4	159
159	Determination of parabens in cosmetic products using multi-walled carbon nanotubes as solid phase extraction sorbent and corona-charged aerosol detection system. Journal of Chromatography A, 2010, 1217, 1-6.	3.7	119
160	Benzene, Toluene, Ethylbenzene, (o-, m- and p-) Xylenes and Styrene in Olive Oil. , 2010, , 463-470.		0
161	Analytical connotations of point-of-care testing. Analyst, The, 2010, 135, 2220.	3.5	34
162	The Potential of Carbon Nanotube Membranes for Analytical Separations. Analytical Chemistry, 2010, 82, 5399-5407.	6.5	80

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163	In Situ Synthesis of Magnetic Multiwalled Carbon Nanotube Composites for the Clean-up of (Fluoro)Quinolones from Human Plasma Prior to Ultrahigh Pressure Liquid Chromatography Analysis. Analytical Chemistry, 2010, 82, 2743-2752.	6.5	98
164	Comparison of aromatic and alkyl micelles for the electrokinetic determination of phthalates in virgin olive oil. Electrophoresis, 2009, 30, 618-623.	2.4	9
165	Recent developments in capillary EKC based on carbon nanoparticles. Electrophoresis, 2009, 30, 169-175.	2.4	61
166	Direct automatic determination of free and total anesthetic drugs in human plasma by use of a dual (microdialysisâ€“microextraction by packed sorbent) sample treatment coupled atâ€line to NACEâ€“MS. Electrophoresis, 2009, 30, 1684-1691.	2.4	30
167	Selective sample pretreatment by molecularly imprinted polymer for the determination of LSD in biological fluids. Journal of Separation Science, 2009, 32, 3301-3309.	2.5	21
168	Differentiation and identification of white wine varieties by using electropherogram fingerprints obtained with CE. Journal of Separation Science, 2009, 32, 3809-3816.	2.5	22
169	Monitoring nanoparticles in the environment. Analytical and Bioanalytical Chemistry, 2009, 393, 17-21.	3.7	175
170	Comparison of off- and in-line solid-phase extraction for enhancing sensitivity in capillary electrophoresis using ochratoxin as a model compound. Analytical and Bioanalytical Chemistry, 2009, 394, 609-615.	3.7	26
171	Surfactant-coated carbon nanotubes for the liquidâ€“liquid extraction of phthalates and other migrants in virgin olive oils. Analytical and Bioanalytical Chemistry, 2009, 395, 737-746.	3.7	26
172	Liquid-phase microextraction techniques for simplifying sample treatment in capillary electrophoresis. TrAC - Trends in Analytical Chemistry, 2009, 28, 842-853.	11.4	50
173	Sorptive microextraction for liquid-chromatographic determination of drugs in urine. TrAC - Trends in Analytical Chemistry, 2009, 28, 1164-1173.	11.4	43
174	Determination of phenothiazine derivatives in human urine by using ionic liquid-based dynamic liquid-phase microextraction coupled with liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 37-42.	2.3	62
175	One step carbon nanotubes-based solid-phase extraction for the gas chromatographicâ€“mass spectrometric multiclass pesticide control in virgin olive oils. Journal of Chromatography A, 2009, 1216, 7346-7350.	3.7	82
176	Evaluation of carbon nanocones/disks as sorbent material for solid-phase extraction. Journal of Chromatography A, 2009, 1216, 5626-5633.	3.7	59
177	Ionic liquid-based single drop microextraction and room-temperature gas chromatography for on-site ion mobility spectrometric analysis. Journal of Chromatography A, 2009, 1216, 5580-5587.	3.7	67
178	Potential of porphyrins as chromogenic reagents for determining metals in capillary electrophoresis. Journal of Chromatography A, 2009, 1216, 6256-6258.	3.7	8
179	One-step in-syringe ionic liquid-based dispersive liquidâ€“liquid microextraction. Journal of Chromatography A, 2009, 1216, 6459-6465.	3.7	147
180	Feasibility study on the use of infrared spectroscopy for the direct authentication of Iberian pig fattening diet. Analytica Chimica Acta, 2009, 636, 183-189.	5.4	30

#	Article	IF	Citations
181	Carbon nanotubeâ€“quantum dot nanocomposites as new fluorescence nanoparticles for the determination of trace levels of PAHs in water. Analytica Chimica Acta, 2009, 652, 278-284.	5.4	30
182	Quantum dots luminescence enhancement due to illumination with UV/Vis light. Chemical Communications, 2009, , 5214.	4.1	282
183	Use of ion mobility spectroscopy with an ultraviolet ionization source as a vanguard screening system for the detection and determination of acetone in urine as a biomarker for cow and human diseases. Talanta, 2009, 78, 863-868.	5.5	24
184	Use of multiple sequential injections of equal volumes to determine the apparent binding constant for antibody-antigen complexes by capillary electrophoresis. Talanta, 2009, 78, 1446-1451.	5.5	7
185	Stir Membrane Extraction: A Useful Approach for Liquid Sample Pretreatment. Analytical Chemistry, 2009, 81, 8957-8961.	6.5	66
186	Selective Quantification of Carnitine Enantiomers Using Chiral Cysteine-Capped CdSe(ZnS) Quantum Dots. Analytical Chemistry, 2009, 81, 4730-4733.	6.5	107
187	Liquid-phase microextraction in bioanalytical sample preparation. Bioanalysis, 2009, 1, 135-149.	1.5	53
188	Dispersive Solid Phase Extraction for In-Sorbent Surface Attenuated Total Reflection Infrared Detection. Analytical Chemistry, 2009, 81, 1184-1190.	6.5	36
189	Fully Automatic Sample Treatment by Integration of Microextraction by Packed Sorbents into Commercial Capillary Electrophoresisâ^'Mass Spectrometry Equipment: Application to the Determination of Fluoroquinolones in Urine. Analytical Chemistry, 2009, 81, 3188-3193.	6.5	39
190	Combined use of carbon nanotubes and ionic liquid to improve the determination of antidepressants in urine samples by liquid chromatography. Analytical and Bioanalytical Chemistry, 2008, 391, 1139-1145.	3.7	69
191	Analytical nanoscience and nanotechnology today and tomorrow. Analytical and Bioanalytical Chemistry, 2008, 391, 1881-1887.	3.7	50
192	Combined use of supported liquid membrane and solidâ€phase extraction to enhance selectivity and sensitivity in capillary electrophoresis for the determination of ochratoxin A in wine. Electrophoresis, 2008, 29, 1573-1581.	2.4	38
193	Electrical fieldâ€assisted solidâ€phase extraction coupled onâ€line to capillary electrophoresisâ€mass spectrometry. Electrophoresis, 2008, 29, 2033-2040.	2.4	23
194	Ionic liquids and CE combination. Electrophoresis, 2008, 29, 94-107.	2.4	62
195	Combination of solidâ€phase extraction and largeâ€volume stacking with polarity switching in micellar electrokinetic capillary chromatography for the determination of traces of nonsteroidal antiâ€inflammatory drugs in saliva. Electrophoresis, 2008, 29, 3074-3080.	2.4	23
196	Carboxylic multiâ€walled carbon nanotubes as immobilized stationary phase in capillary electrochromatography. Electrophoresis, 2008, 29, 3850-3857.	2.4	44
197	Simple and rapid instrumental characterization of sensory attributes of virgin olive oil based on the direct coupling headspace-mass spectrometry. Journal of Chromatography A, 2008, 1188, 308-313.	3.7	27
198	Comparative study of carbon nanotubes and C60 fullerenes as pseudostationary phases in electrokinetic chromatography. Journal of Chromatography A, 2008, 1194, 128-133.	3.7	33

#	Article	IF	Citations
199	Determination of trihalomethanes in waters by ionic liquid-based single drop microextraction/gas chromatographic/mass spectrometry. Journal of Chromatography A, 2008, 1209, 76-82.	3.7	71
200	Carbon nanostructures as sorbent materials in analytical processes. TrAC - Trends in Analytical Chemistry, 2008, 27, 34-43.	11.4	287
201	Simplifying chromatographic analysis of the volatile fraction of foods. TrAC - Trends in Analytical Chemistry, 2008, 27, 794-803.	11.4	20
202	Ionic liquid-based single-drop microextraction/gas chromatographic/mass spectrometric determination of benzene, toluene, ethylbenzene and xylene isomers in waters. Journal of Chromatography A, 2008, 1201, 106-111.	3.7	125
203	The Application of GCâ€“MS and Chemometrics to Categorize the Feeding Regime of Iberian Pigs in Spain. Chromatographia, 2008, 68, 593-601.	1.3	14
204	Classification of extra virgin olive oils according to the protected designation of origin, olive variety and geographical origin. Talanta, 2008, 75, 937-943.	5.5	43
205	Ion mobility spectrometry of volatile compounds from Iberian pig fat for fast feeding regime authentication. Talanta, 2008, 76, 591-596.	5.5	50
206	Research into conditions of quantitivity in the determination of carboniles in complex air matrices by adsorptive solid phase microextraction. Talanta, 2008, 77, 1444-53.	5.5	9
207	Ionic liquid-based dynamic liquid-phase microextraction: Application to the determination of anti-inflammatory drugs in urine samples. Journal of Chromatography A, 2008, 1202, 1-7.	3.7	71
208	Direct Coupling of Ionic Liquid Based Single-Drop Microextraction and GC/MS. Analytical Chemistry, 2008, 80, 793-800.	6.5	144
209	Characterization of an Attenuated Total Reflection-Based Sensor for Integrated Solid-Phase Extraction and Infrared Detection. Analytical Chemistry, 2008, 80, 1146-1151.	6.5	21
210	Monitoring of Carboxylic Carbon Nanotubes in Surface Water by Using Multiwalled Carbon Nanotube-Modified Filter As Preconcentration Unit. Environmental Science & Technology, 2008, 42, 6100-6104.	10.0	34
211	Surfactant-coated carbon nanotubes as pseudophases in liquidâ€“liquid extraction. Analyst, The, 2007, 132, 551-559.	3.5	45
212	Method of Determination of Nitrosamines in Sausages by CO2Supercritical Fluid Extraction (SFE) and Micellar Electrokinetic Chromatography (MEKC). Journal of Agricultural and Food Chemistry, 2007, 55, 603-607.	5.2	17
213	Bridging the gap between analytical R&D products and their use in practice. Analyst, The, 2007, 132, 97-100.	3.5	5
214	Containerless reaction monitoring in ionic liquids by means of Raman microspectroscopy. Lab on A Chip, 2007, 7, 126-132.	6.0	21
215	Role of Carbon Nanotubes in Analytical Science. Analytical Chemistry, 2007, 79, 4788-4797.	6.5	268
216	Integrated 2-D CE. Electrophoresis, 2007, 28, 1345-1351.	2.4	15

#	Article	IF	Citations
217	Surfactant-coated single-walled carbon nanotubes as a novel pseudostationary phase in capillary EKC. Electrophoresis, 2007, 28, 1714-1722.	2.4	75
218	On-line coupling of solid-phase microextraction to commercial CE-MS equipment. Electrophoresis, 2007, 28, 1312-1318.	2.4	41
219	Inâ€line liquidâ€phase microextraction for selective enrichment and direct electrophoretic analysis of acidic drugs. Electrophoresis, 2007, 28, 3284-3289.	2.4	46
220	On-capillary sample cleanup method for the electrophoretic determination of carbohydrates in juice samples. Electrophoresis, 2007, 28, 1557-1563.	2.4	14
221	Evaluation of carbon nanostructures as chiral selectors for direct enantiomeric separation of ephedrines by EKC. Electrophoresis, 2007, 28, 2573-2579.	2.4	63
222	Vanguard/rearguard strategy for the evaluation of the degradation of yoghurt samples based on the direct analysis of the volatiles profile through headspace-gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2007, 1141, 98-105.	3.7	22
223	Continuous flow configuration for total hydrocarbons index determination in soils by evaporative light scattering detection. Journal of Chromatography A, 2007, 1141, 302-307.	3.7	7
224	Determination of non-steroidal anti-inflammatory drugs in urine by combining an immobilized carboxylated carbon nanotubes minicolumn for solid-phase extraction with capillary electrophoresis-mass spectrometry. Journal of Chromatography A, 2007, 1159, 203-207.	3.7	82
225	Principles of qualitative analysis in the chromatographic context. Journal of Chromatography A, 2007, 1158, 234-240.	3.7	15
226	Liquidâ€“liquid extraction/headspace/gas chromatographic/mass spectrometric determination of benzene, toluene, ethylbenzene, (o-, m- and p-)xylene and styrene in olive oil using surfactant-coated carbon nanotubes as extractant. Journal of Chromatography A, 2007, 1171, 1-7.	3.7	46
227	Usefulness of the direct coupling headspaceâ€“mass spectrometry for sensory quality characterization of virgin olive oil samples. Analytica Chimica Acta, 2007, 583, 411-417.	5.4	27
228	Two-dimensional correlation spectroscopy and multivariate curve resolution for the study of lipid oxidation in edible oils monitored by FTIR and FT-Raman spectroscopy. Analytica Chimica Acta, 2007, 593, 54-67.	5.4	152
229	Quantification of the intensity of virgin olive oil sensory attributes by direct coupling headspace-mass spectrometry and multivariate calibration techniques. Journal of Chromatography A, 2007, 1147, 144-152.	3.7	22
230	Surfactant coated fullerenes C60 as pseudostationary phase in electrokinetic chromatography. Journal of Chromatography A, 2007, 1167, 210-216.	3.7	28
231	Enzyme kinetics assay in ionic liquid-based reaction media by means of Raman spectroscopy and multivariate curve resolution. Microchemical Journal, 2007, 87, 93-98.	4.5	13
232	Fast urinary screening for imipramine and desipramine using on-line solid-phase extraction and selective derivatization. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 857, 275-280.	2.3	12
233	Evaporative light scattering detection: trends in its analytical uses. Analytical and Bioanalytical Chemistry, 2007, 388, 1663-1672.	3.7	54
234	Association of Methanol and Water in Ionic Liquids Elucidated by Infrared Spectroscopy Using Two-Dimensional Correlation and Multivariate Curve Resolution. Journal of Physical Chemistry B, 2006, 110, 10896-10902.	2.6	130

#	Article	IF	Citations
235	ATR-FTIR membrane-based sensor for the simultaneous determination of surfactant and oil total indices in industrial degreasing baths. Analyst, The, 2006, 131, 415-421.	3.5	17
236	Speciation of copper by using a new fullerene derivative as a mixed-mode sorbent. Journal of Analytical Atomic Spectrometry, 2006, 21, 1396-1402.	3.0	10
237	Continuous flow configuration for total grease and surfactant determination in industrial degreasing baths. Analytica Chimica Acta, 2006, 561, 78-82.	5.4	6
238	Statistical intervals to validate an autoanalyzer for monitoring the exhaustion of alkaline degreasing baths. Analytica Chimica Acta, 2006, 569, 260-266.	5.4	2
239	Determination of total safranal by in situ acid hydrolysis in supercritical fluid media: Application to the quality control of commercial saffron. Analytica Chimica Acta, 2006, 578, 117-121.	5.4	46
240	Continuous autoanalyzer for the evaluation of the exhaustion of industrial degreasing baths based on the determination of total grease and surfactant contents. Journal of Chromatography A, 2006, 1104, 18-22.	3.7	7
241	Determination of mandelic acid enantiomers in urine by derivatization in supercritical carbon dioxide prior to their determination by gas chromatography. Journal of Chromatography A, 2006, 1104, 331-336.	3.7	7
242	Separation of carbon nanotubes in aqueous medium by capillary electrophoresis. Journal of Chromatography A, 2006, 1128, 282-289.	3.7	56
243	Raman spectroscopic study of base catalyzed di- and trimerization of malononitrile in ionic liquids and water. Journal of Molecular Structure, 2006, 799, 146-152.	3.6	10
244	Robustness in qualitative analysis: a practical approach. TrAC - Trends in Analytical Chemistry, 2006, 25, 621-627.	11.4	20
245	The Division of Analytical Chemistry of the European Association for Chemical and Molecular Sciences (EuCheMS). Journal of Analytical Chemistry, 2006, 61, 927-929.	0.9	0
246	Analytical Chemistry in Modern Society: What we can Expect. Mikrochimica Acta, 2006, 153, 1-5.	5.0	4
247	New supported liquid membrane-capillary electrophoresis in-line arrangement for direct selective analysis of complex samples. Electrophoresis, 2006, 27, 3075-3085.	2.4	38
248	Microemulsion electrokinetic chromatography separation by using hexane-in-water microemulsions without cosurfactant: Comparison with MEKC. Electrophoresis, 2006, 27, 4439-4445.	2.4	10
249	Fundamentals of capillary electrophoresis. Comprehensive Analytical Chemistry, 2005, , 1-30.	1.3	20
250	Coupling continuous flow systems to capillary electrophoresis. Comprehensive Analytical Chemistry, 2005, 45, 173-223.	1.3	6
251	Vanguard-rearguard analytical strategies. TrAC - Trends in Analytical Chemistry, 2005, 24, 67-74.	11.4	98
252	Analytical features in qualitative analysis. TrAC - Trends in Analytical Chemistry, 2005, 24, 477-487.	11.4	45

#	Article	IF	Citations
253	Modern qualitative analysis. TrAC - Trends in Analytical Chemistry, 2005, 24, 467.	11.4	8
254	Continuous flow autoanalyzer for the sequential determination of total sugars, colorant and caffeine contents in soft drinks. Analytica Chimica Acta, 2005, 530, 283-289.	5.4	20
255	An automated screening method for the fast, simple discrimination between natural and artificial colorants in commercial saffron products. Analytica Chimica Acta, 2005, 535, 133-138.	5.4	34
256	Automatic selective determination of caffeine in coffee and tea samples by using a supported liquid membrane-modified piezoelectric flow sensor with molecularly imprinted polymer. Analytica Chimica Acta, 2005, 539, 117-124.	5.4	38
257	Direct olive oil authentication: Detection of adulteration of olive oil with hazelnut oil by direct coupling of headspace and mass spectrometry, and multivariate regression techniques. Journal of Chromatography A, 2005, 1074, 215-221.	3.7	87
258	Autoanalyzer for continuous fractionation and quantitation of the polyphenols content in wines. Journal of Chromatography A, 2005, 1081, 127-131.	3.7	10
259	Speciation of Organometallic Compounds in Environmetal Samples by Gas Chromatography after Flow Preconcentration on Fullerenes and Nanotubes. Analytical Chemistry, 2005, 77, 5389-5395.	6.5	71
260	Screening and analytical confirmation of sulfonamide residues in milk by capillary electrophoresis-mass spectrometry. Electrophoresis, 2005, 26, 1567-1575.	2.4	68
261	Present and Future Applications of Carbon Nanotubes to Analytical Science. ChemInform, 2005, 36, no.	0.0	0
262	Analytical chemistry in the European higher education area. Analytical and Bioanalytical Chemistry, 2005, 381, 33-40.	3.7	7
263	Current and future screening systems. Analytical and Bioanalytical Chemistry, 2005, 381, 81-83.	3.7	12
264	European Analytical Column No. 33 (January 2005). Analytical and Bioanalytical Chemistry, 2005, 382, 245-247.	3.7	0
265	Present and future applications of carbon nanotubes to analytical science. Analytical and Bioanalytical Chemistry, 2005, 382, 1783-1790.	3.7	169
266	European Analytical Column No. 33. Mikrochimica Acta, 2005, 149, 295-297.	5.0	0
267	European Analytical Column No. 33. Accreditation and Quality Assurance, 2005, 10, 264-265.	0.8	0
268	ATR-FT-IR Membrane-Based Sensor for Integrated Microliquidâ"Liquid Extraction and Detection. Analytical Chemistry, 2005, 77, 7472-7477.	6.5	10
269	Enantioselective Supercritical Fluid Extraction from Racemic Mixtures by Use of Chiral Selectors. Separation Science and Technology, 2005, 39, 459-478.	2.5	7
270	European analytical column No. 32 (January 2004). Accreditation and Quality Assurance, 2004, 9, 435.	0.8	0

#	Article	IF	Citations
271	Eurobachelor accepts analytical chemistry as a key core area. TrAC - Trends in Analytical Chemistry, 2004, 23, xx-xxii.	11.4	0
272	Analytical potential of enzyme-coated capillary reactors in capillary zone electrophoresis. Electrophoresis, 2004, 25, 50-56.	2.4	23
273	Rapid determination of aliphatic amines in water samples by pressure-assisted monolithic octadecylsilica capillary electrochromatography-mass spectrometry. Electrophoresis, 2004, 25, 3231-3236.	2.4	36
274	Direct automatic determination of biogenic amines in wine by flow injection-capillary electrophoresis-mass spectrometry. Electrophoresis, 2004, 25, 3427-3433.	2.4	64
275	Combining headspace gas chromatography with mass spectrometry detection for confirmation of hydrocarbon residues in virgin olive oil following automatic screening. Journal of Chromatography A, 2004, 1052, 137-143.	3.7	28
276	Multipurpose chamber for the implementation of gas diffusion, dialysis, solid-phase extraction and precipitation/dissolution in continuous flow analyzers. Analytica Chimica Acta, 2004, 509, 47-54.	5.4	5
277	Monitoring inorganic mercury and methylmercury species with liquid chromatographyâ€“piezoelectric detection. Analytica Chimica Acta, 2004, 511, 289-294.	5.4	17
278	Supercritical fluid immunoextraction: a new approach for immunoassay automation. Analytica Chimica Acta, 2004, 518, 151-156.	5.4	4
279	Direct automatic screening and individual determination of polycyclic aromatic hydrocarbons using supercritical fluid extraction coupled on-line with liquid chromatography and fluorimetric detection. Analytica Chimica Acta, 2004, 524, 279-285.	5.4	23
280	Direct screening of olive oil samples for residual benzene hydrocarbon compounds by headspace-mass spectrometry. Analytica Chimica Acta, 2004, 526, 77-82.	5.4	30
281	FI automatic method for the determination of copper(II) based on coproporphyrin I?Cu(II)/TCPO/H2O2 chemiluminescence reaction for the screening of waters. Talanta, 2004, 64, 1030-1035.	5.5	15
282	Direct determination of total carbonate salts in soil samples by continuous-flow piezoelectric detection. Talanta, 2004, 65, 29-35.	5.5	22
283	Title is missing!. Journal of Analytical Chemistry, 2003, 58, 195-196.	0.9	0
284	Direct sampling of orujo oil for determining residual hexane by using a chemsensor. JAOCS, Journal of the American Oil Chemists' Society, 2003, 80, 613-618.	1.9	21
285	European analytical column No. 31. Analytical and Bioanalytical Chemistry, 2003, 375, 983-984.	3.7	0
286	Quality assurance of qualitative analysis in the framework of the European project ?MEQUALAN'. Accreditation and Quality Assurance, 2003, 8, 68-77.	0.8	66
287	The Division of Analytical Chemistry of the Federation of European Chemical Societies and Professional Institutions. Accreditation and Quality Assurance, 2003, 8, 308-309.	0.8	0
288	Determination of myo-inositol phosphates in food samples by flow injection-capillary zone electrophoresis. Electrophoresis, 2003, 24, 2092-2098.	2.4	37

#	Article	IF	Citations
289	Determination of nitrosamines in preserved sausages by solid-phase extractionâ€“micellar electrokinetic chromatography. Journal of Chromatography A, 2003, 985, 503-512.	3.7	44
290	Direct screening of lyophilised biological fluids for bile acids using an evaporative light scattering detector. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 792, 299-305.	2.3	16
291	Determination of Natural and Synthetic Colorants in Prescreened Dairy Samples Using Liquid Chromatography-Diode Array Detection. Analytical Chemistry, 2003, 75, 685-693.	6.5	57
292	Autoanalyzer for Milk Quality Control Based on the Lactose, Fat, and Total Protein Contents. Analytical Chemistry, 2003, 75, 1425-1429.	6.5	19
293	Development of a new method for the determination of nitrosamines by micellar electrokinetic capillary chromatography. Water Research, 2003, 37, 3837-3842.	11.3	24
294	Liquid Chromatographic Determination of Natural and Synthetic Colorants in Lyophilized Foods Using an Automatic Solid-Phase Extraction System. Journal of Agricultural and Food Chemistry, 2003, 51, 2121-2129.	5.2	36
295	Speciation of Lead in Environmental Waters by Preconcentration on a New Fullerene Derivative. Analytical Chemistry, 2002, 74, 1519-1524.	6.5	37
296	A Method for Screening Total Mercury in Water Using a Flow Injection System with Piezoelectric Detection. Analytical Chemistry, 2002, 74, 921-925.	6.5	42
297	Coupling immobilized enzymes flow reactors with supercritical fluid extraction for analytical purposes. Analyst, The, 2002, 127, 241-247.	3.5	5
298	Precipitationâ€“dissolution system for silver preconcentration and determination by flow injection flame atomic absorption spectrometry. Talanta, 2002, 56, 673-680.	5.5	28
299	Analysis of phenylurea herbicides from plants by GC/MS. Talanta, 2002, 56, 727-734.	5.5	46
300	Screening of Polyphenols in Grape Marc by On-Line Supercritical Fluid Extraction â€“ Amperometric Detection with a PVC-Graphite Composite Electrode. Electroanalysis, 2002, 14, 1427-1432.	2.9	13
301	Piezoelectric screening coupled on line to capillary electrophoresis for detection and speciation of mercury. Journal of Separation Science, 2002, 25, 319-327.	2.5	20
302	Biological fluid screening and confirmation of bile acids by use of an integrated flow-injection-LC-evaporative light-scattering system. Chromatographia, 2002, 55, 49-54.	1.3	9
303	Characterization of olive oil classes using a Chemsensor and pattern recognition techniques. JAOCS, Journal of the American Oil Chemists' Society, 2002, 79, 1103-1108.	1.9	23
304	European Analytical Column No. 30. Analytical and Bioanalytical Chemistry, 2002, 372, 749-750.	3.7	0
305	Continuous flow systems for rapid sample screening. TrAC - Trends in Analytical Chemistry, 2002, 21, 251-258.	11.4	20
306	We need reliable ways to bypass preliminary operations in (bio)chemical measurement. TrAC - Trends in Analytical Chemistry, 2002, 21, 211-212.	11.4	5

#	Article	IF	Citations
307	Use of wavelet transform to enhance piezoelectric signals for analytical purposes. Analytica Chimica Acta, 2002, 456, 93-103.	5.4	10
308	Continuous photometric method for the screening of human urines for phenothiazines. Analytica Chimica Acta, 2002, 462, 275-281.	5.4	25
309	Automatic screening method for the rapid and simple discrimination between synthetic and natural colorants in foods. Analytica Chimica Acta, 2002, 464, 237-247.	5.4	22
310	Study of the Degradation of the Herbicides 2,4-D and MCPA at Different Depths in Contaminated Agricultural Soil. Environmental Science & Technology, 2001, 35, 4265-4270.	10.0	81
311	Multiresidue Screening of Pesticides in Fruits Using an Automatic Solid-Phase Extraction System. Journal of Agricultural and Food Chemistry, 2001, 49, 1109-1116.	5.2	24
312	Evaluation of an automated solid-phase extraction system for the enrichment of organochlorine pesticides from waters. Talanta, 2001, 54, 943-951.	5.5	26
313	Determination of arsenic in wheat flour by electrothermal atomic absorption spectrometry using a continuous precipitation-dissolution flow system. Talanta, 2001, 55, 135-142.	5.5	15
314	Determination of fat in leather by the use of supercritical fluid extraction combined with on-line piezoelectric detection. Analyst, The, 2001, 126, 938-942.	3.5	6
315	AC Educator: Teaching the Essential Principles. Analytical Chemistry, 2001, 73, 333 A-335 A.	6.5	1
316	Comparison of Three Coupled Gas Chromatographic Detectors (MS, MIP-AES, ICP-TOFMS) for Organolead Speciation Analysis. Analytical Chemistry, 2001, 73, 3927-3934.	6.5	38
317	Slurry Atomization of Wheat-Milled Fractions for Electrothermal Atomic Absorption Spectrometric Determination of Nickel and Chromium. Journal of AOAC INTERNATIONAL, 2001, 84, 1914-1920.	1.5	3
318	European Analytical Column No. 29 (January 2001). Fresenius' Journal of Analytical Chemistry, 2001, 369, 554-555.	1.5	0
319	Automated flow-injection spectrophotometric determination of nitrosamines in solid food samples. Fresenius' Journal of Analytical Chemistry, 2001, 371, 891-895.	1.5	17
320	Performance tests and internal quality control activities for the routine analytical use of composite electrodes. Accreditation and Quality Assurance, 2001, 6, 514-520.	0.8	2
321	Sample/analyte screening systems and chromatography. Chromatographia, 2001, 53, S149-S153.	1.3	4
322	Use of cyclodextrins for the separation of monoterpene isomers by micellar electrokinetic capillary chromatography. Journal of Separation Science, 2001, 13, 293-299.	1.0	2
323	Determination of nonsteroidal anti-inflammatory drugs in biological fluids by automatic on-line integration of solid-phase extraction and capillary electrophoresis. Electrophoresis, 2001, 22, 484-490.	2.4	61
324	Determination of phenolic constituents in citrus samples by on-line coupling of a flow system with capillary electrophoresis. Electrophoresis, 2001, 22, 1553-1560.	2.4	24

#	Article	IF	Citations
325	Usefulness of the evaporative light scattering detector for direct screening of biological fluids. Analytica Chimica Acta, 2001, 435, 281-288.	5.4	11
326	Semiautomatic multiresidue gas chromatographic method for the screening of vegetables for 25 organochlorine and pyrethroid pesticides. Analytica Chimica Acta, 2001, 436, 153-162.	5.4	43
327	Supercritical fluid extraction with in situ chiral derivatization for the enantiospecific determination of ibuprofen in urine samples. Analytica Chimica Acta, 2001, 450, 1-11.	5.4	23
328	Selective enrichment of 17 pyrethroids from lyophilised agricultural samples. Journal of Chromatography A, 2001, 912, 83-90.	3.7	32
329	Use of eosin as a fluorophore in capillary electrophoresis with laser detection. Journal of Chromatography A, 2001, 919, 407-415.	3.7	9
330	Coupling continuous separation techniques to capillary electrophoresis. Journal of Chromatography A, 2001, 924, 3-30.	3.7	55
331	Analysis of solid samples by capillary electrophoresis using a gas extraction sampling device in a flow system. Analytica Chimica Acta, 2001, 438, 315-322.	5.4	28
332	SCREENING OF POLYPHENOLS IN GRAPE MARC BY ON-LINE SUPERCRITICAL FLUID EXTRACTIONâ€“FLOW THROUGH SENSOR. Analytical Letters, 2001, 34, 1461-1476.	1.8	14
333	Automatic calibration in capillary electrophoresis. Electrophoresis, 2000, 21, 556-562.	2.4	17
334	Automatic microgravimetric determination of fats in milk products by use of supercritical fluid extraction with on-line piezoelectric detection. Journal of Chromatography A, 2000, 874, 265-274.	3.7	23
335	Simplified method for the determination of chlorinated fungicides and insecticides in fruits by gas chromatography. Journal of Chromatography A, 2000, 882, 193-203.	3.7	32
336	Supported liquid membranes for the determination of vanillin in food samples with amperometric detection. Analytica Chimica Acta, 2000, 410, 127-134.	5.4	60
337	A continuous spectrophotometric system for the discrimination/determination of monosaccharides and oligosaccharides in foods. Analytica Chimica Acta, 2000, 404, 121-129.	5.4	28
338	Automatic determination of fat in milk by use of a flow injection system with a piezoelectric detector. Analytica Chimica Acta, 2000, 406, 309-315.	5.4	18
339	Automated flow system on-line to LC with postcolumn derivatisation for determination of sugars in carbohydrate-rich foods. Chromatographia, 2000, 52, 314-318.	1.3	10
340	Metrology in physics and chemistry. Accreditation and Quality Assurance, 2000, 5, 206-207.	0.8	2
341	Continuous flow spectrophotometric determination of paracetamol in pharmaceuticals following continuous microwave assisted alkaline hydrolysis. Talanta, 2000, 53, 417-423.	5.5	57
342	Principles of Analytical Chemistry. , 2000, , .		36

#	Article	IF	Citations
343	Use of supported liquid membranes incorporated in a flow system for the direct determination of eugenol in spice samples. Analyst, The, 2000, 125, 1805-1809.	3.5	23
344	Fast urinary screening for paracetamol using on-line microwave assisted hydrolysis and spectrophotometric detection. Analyst, The, 2000, 125, 1179-1183.	3.5	23
345	Automatic On-Line Coupling of Supercritical Fluid Extraction and Capillary Electrophoresis. Analytical Chemistry, 2000, 72, 5736-5739.	6.5	35
346	Qualitative Analysis Revisited. Critical Reviews in Analytical Chemistry, 2000, 30, 345-361.	3.5	42
347	Group speciation of metal dithiocarbamates by sorption on C60 fullerene. Analyst, The, 2000, 125, 1495-1499.	3.5	26
348	Speciation of Inorganic Lead and Ionic Alkyllead Compounds by GC/MS in Prescreened Rainwaters. Analytical Chemistry, 2000, 72, 1510-1517.	6.5	46
349	Continuous Sorbent Preconcentration for the Electrothermal Atomic Absorption Spectrometric Determination of Ultratrace Amounts of Cobalt in Milled Wheat Fractions. Journal of Agricultural and Food Chemistry, 2000, 48, 4514-4519.	5.2	2
350	Traceability: Reference Materials. , 2000, , 101-142.		0
351	The Analytical Problem. , 2000, , 283-306.		1
352	Analytical Properties. , 2000, , 39-100.		0
353	A metrological hierarchy for analytical chemistry. TrAC - Trends in Analytical Chemistry, 1999, 18, 68-75.	11.4	14
354	Needs for improvement of the measurement infrastructure in Europe. TrAC - Trends in Analytical Chemistry, 1999, 18, 650-655.	11.4	8
355	Traceability in chemical measurements for the end users. TrAC - Trends in Analytical Chemistry, 1999, 18, 570-576.	11.4	19
356	Sample screening systems in analytical chemistry. TrAC - Trends in Analytical Chemistry, 1999, 18, 685-694.	11.4	94
357	Speciation of inorganic lead and trialkyllead compounds by flame atomic absorption spectrometry following continuous selective preconcentration from aqueous solutions. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1999, 54, 1869-1879.	2.9	17
358	Discrimination of structural isomers of chlorinated phenols in waters using gas chromatographyâ€“mass spectrometry in the negative chemical ionization mode. Journal of Chromatography A, 1999, 830, 165-174.	3.7	15
359	A new sample-injection/sample-dilution system for the flow-injection analytical technique. Analytica Chimica Acta, 1999, 381, 287-295.	5.4	13
360	On-line ion-exchange preconcentration in a flow injection system coupled to capillary electrophoresis for the direct determination of UV absorbing anions. Analytica Chimica Acta, 1999, 390, 39-44.	5.4	51

#	Article	IF	Citations
361	A poly(vinyl choloride) graphite composite electrode for flow-injection amperometric determination of antioxidants. Analytica Chimica Acta, 1999, 395, 217-223.	5.4	32
362	Reliability of analytical information in the XXIst century. Analytica Chimica Acta, 1999, 400, 425-432.	5.4	14
363	Evaporative light scattering detector: a new tool for screening purposes. Analytica Chimica Acta, 1999, 402, 1-5.	5.4	30
364	Semiautomatic method for the screening and determination of 23 organochlorine pesticides in horticultural samples by gas chromatography with electron-capture detection. Journal of Chromatography A, 1999, 849, 235-243.	3.7	17
365	Validation of PVC-Graphite Composite Electrodes for Routine Analytical Work. Electroanalysis, 1999, 11, 1116-1123.	2.9	15
366	Determination of chlorophenols in human urine based on the integration of on-line automated clean-up and preconcentration unit with micellar electrokinetic chromatography. Electrophoresis, 1999, 20, 2922-2929.	2.4	32
367	A Semiautomatic Module for the Direct Leaching and Determination of Sixteen Phenols in Agricultural Soils. Analytical Chemistry, 1999, 71, 2687-2696.	6.5	24
368	Determination of nickel, chromium and cobalt in wheat flour using slurry sampling electrothermal atomic absorption spectrometry. Talanta, 1999, 48, 1051-1060.	5.5	33
369	Effectiveness of fullerene as a sorbent for the determination of trace amounts of cobalt in wheat flour by electrothermal atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 1999, 14, 711-716.	3.0	27
370	Determination of trans-resveratrol and other polyphenols in wines by a continuous flow sample clean-up system followed by capillary electrophoresis separation. Analytica Chimica Acta, 1998, 359, 27-38.	5.4	82
371	An automated screening system for benzodiazepines in human urine. Analytica Chimica Acta, 1998, 366, 93-102.	5.4	23
372	Flow-injection spectrophotometric determination of citric acid in beverages based on a photochemical reaction. Analytica Chimica Acta, 1998, 366, 231-240.	5.4	29
373	On-line separation and preconcentration of cadmium, lead and nickel in a fullerene (C 60) minicolumn coupled to flow injection tungsten coil atomic absorption spectrometry 1Presented at the Flow Analysis VII Conference held in Piracicaba, Brazil, 23â€“26 August 1997. 1. Analytica Chimica Acta, 1998, 368, 255-263.	5.4	62
374	Direct determination of biogenic amines in wine by integrating continuous flow clean-up and capillary electrophoresis with indirect UV detection. Journal of Chromatography A, 1998, 803, 249-260.	3.7	91
375	Gas chromatographicâ€“mass spectrometric confirmation of selected benzophenones from benzodiazepines in human urine following automatic screening. Journal of Chromatography A, 1998, 823, 389-399.	3.7	8
376	Determination of anti-carcinogenic polyphenols present in green tea using capillary electrophoresis coupled to a flow injection system. Journal of Chromatography A, 1998, 827, 113-120.	3.7	116
377	A view of uncertainty at the bench analytical level. Accreditation and Quality Assurance, 1998, 3, 14-19.	0.8	11
378	Sensitive determination of paraquat and diquat at the sub-ng mlâ^'1 level by continuous amperometric flow methods. Analyst, The, 1998, 123, 2383-2387.	3.5	16

#	Article	IF	Citations
379	Coupling Continuous Sample Treatment Systems to Capillary Electophoresis. Critical Reviews in Analytical Chemistry, 1998, 28, 63-81.	3.5	33
380	A view of uncertainty at the bench analytical level. , 1998, , 152-157.		0
381	Fullerene: a Sensitive and Selective Sorbent for the Continuous Preconcentration and Atomic Absorption Determination of Cadmium. Journal of Analytical Atomic Spectrometry, 1997, 12, 453.	3.0	43
382	Integrated Automatic Determination of Nitrate, Ammonium and Organic Carbon in Soil Samples. Analyst, The, 1997, 122, 309-313.	3.5	12
383	Mechanized Sample Workup Interfaced with Flow System in Flow-Reversal Mode for the Determination of Boric Acid in Adulterated Shellfish. Analytical Chemistry, 1997, 69, 91-94.	6.5	4
384	Simultaneous Automatic Determination of Trace Amounts of Copper and Cobalt by Use of a Flow-through Sensor and First-derivative Spectrometry. Analyst, The, 1997, 122, 85-88.	3.5	19
385	Evaluation of Various Sample Preparation Procedures for the Determination of Chromium, Cobalt and Nickel in Vegetables. Journal of Analytical Atomic Spectrometry, 1997, 12, 479-486.	3.0	35
386	Flow injectionâ€“capillary electrophoresis coupling to automate on-line sample treatment for the determination of inorganic ions in waters. Journal of Chromatography A, 1997, 791, 279-287.	3.7	73
387	A modern definition of analytical chemistry. TrAC - Trends in Analytical Chemistry, 1997, 16, 124-131.	11.4	20
388	The analytical problem. TrAC - Trends in Analytical Chemistry, 1997, 16, 385-393.	11.4	31
389	Rapid Solid-phase Extraction/Derivatization System for Sample Preparation and Gas Chromatographic/Mass Spectrometric Determination of Drugs in Human Urine. , 1997, 11, 298-306.		3
390	An automated preparation device for the determination of drugs in biological fluids coupled on-line to a gas chromatograph/mass spectrometer. Rapid Communications in Mass Spectrometry, 1997, 11, 973-980.	1.5	4
391	Quality compromises incorporated in simplex optimisation of a flow injection system. Analytica Chimica Acta, 1997, 348, 129-134.	5.4	12
392	On-Line Preconcentration and Gas Chromatographic Determination ofN-Methylcarbamates and Their Degradation Products in Aqueous Samples. Environmental Science & Technology, 1996, 30, 2071-2077.	10.0	24
393	Sequential Determination of d- and l-Glutamic Acid by Continuous Fractional Crystallization. Analytical Chemistry, 1996, 68, 322-326.	6.5	9
394	Screening of Polycyclic Aromatic Hydrocarbons in Soil by On-Line Fiber-Optic-Interfaced Supercritical Fluid Extraction Spectrofluorometry. Analytical Chemistry, 1996, 68, 2386-2391.	6.5	25
395	Continuous-flow method for the determination of phenols at low levels in water and soil leachates using solid-phase extraction for simultaneous preconcentration and separation. Analyst, The, 1996, 121, 1-6.	3.5	38
396	A Partially Automated Pretreatment Module for Routine Analyses for Seventeen Non-Steroid Antiinflammatory Drugs in Race Horses Using Gas Chromatography/Mass Spectrometry. Analytical Chemistry, 1996, 68, 118-123.	6.5	21

#	Article	IF	Citations
397	Precipitation flow injection immunoassay for human immunoglobulin G. Analyst, The, 1996, 121, 1565-1568.	3.5	2
398	Turbidimetric flow method for the enantiomeric discrimination ofL- andD-aspartic acid. Analyst, The, 1996, 121, 1397-1400.	3.5	6
399	Semi-on-line microwave-assisted digestion of shellfish tissue for the determination of selenium by electrothermal atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 1996, 11, 169-173.	3.0	19
400	Assessment of analytical quality in automatic flow systems. Fresenius' Journal of Analytical Chemistry, 1996, 354, 140-149.	1.5	4
401	An automated flow-reversal injection/liquidâ€"liquid extraction approach to the direct determination of total free fatty acids in olive oils. Analytica Chimica Acta, 1996, 318, 187-194.	5.4	28
402	On-line precipitation/dissolution system for the preconcentration and determination of manganese traces by atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1996, 51, 1935-1941.	2.9	15
403	An Automated Preconcentration-Derivatization System for the Determination of Cocaine and its Metabolites in Urine and Illicit Cocaine Samples by Gas Chromatography/Mass Spectrometry. Rapid Communications in Mass Spectrometry, 1996, 10, 631-636.	1.5	14
404	Direct Processing and Analysis of Solid and Other Complex Samples with Automatic Flow Injection Systems. Critical Reviews in Analytical Chemistry, 1996, 26, 239-260.	3.5	27
405	Automatic implementation of the method of standard additions in unsegmented flow systems. Analytica Chimica Acta, 1995, 308, 77-84.	5.4	10
406	Automatic testing of enzyme modifiers by the flow-gradient technique. Analytica Chimica Acta, 1995, 308, 152-158.	5.4	4
407	Automatic gas chromatographic determination of the high-density-lipoprotein cholesterol and total cholesterol in serum. Biomedical Applications, 1995, 672, 7-16.	1.7	4
408	The evolution of quality in analytical chemistry journals. TrAC - Trends in Analytical Chemistry, 1995, 14, 94-100.	11.4	1
409	Preconcentration of Copper Traces on C60-C70 Fullerenes by Formation of Ion Pairs and Chelates. Analytical Chemistry, 1995, 67, 2524-2529.	6.5	59
410	Automatic calibration for on-line process monitoring in continuous-flow systems. Journal of Automated Methods and Management in Chemistry, 1995, 17, 17-20.	0.3	1
411	Direct Determination of Trimethylamine in Fish in the Flow-Reversal Injection Mode Using a Gas Extraction Sampling Device. Analytical Chemistry, 1995, 67, 871-877.	6.5	20
412	Enantiomer Discrimination by Continuous Precipitation. Analytical Chemistry, 1995, 67, 3319-3323.	6.5	20
413	Practicing Quality Control in a Bioanalytical Experiment. Journal of Chemical Education, 1995, 72, 947.	2.3	4
414	Automatic preparation of milk dessert slurries for the determination of trace amounts of aluminium by electrothermal atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 1995, 10, 55-59.	3.0	21

#	Article	IF	Citations
415	Perspective. Traceability in analytical chemistry. Analyst, The, 1995, 120, 2291-2297.	3.5	29
416	Direct determination of free sulfur dioxide in wine and dried apple samples by using a gas generating and purging device coupled to a continuous flow (injection) system. Analyst, The, 1995, 120, 2013-2018.	3.5	14
417	Flow-through microwave digestion system for the determination of aluminium in shellfish by electrothermal atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 1995, 10, 501-504.	3.0	27
418	Automation and Quality in Analytical Laboratories. Journal of AOAC INTERNATIONAL, 1994, 77, 785-789.	1.5	0
419	Direct determination of ammonium in solid samples by automatic flow procedures. Analytica Chimica Acta, 1994, 293, 163-170.	5.4	10
420	Direct determination of the cation-exchange capacity of soils with automatic sample pretreatment in a flow system. Analytica Chimica Acta, 1994, 298, 387-392.	5.4	4
421	Automatic study of selectivity by the flow-rate gradient technique. Analytica Chimica Acta, 1994, 289, 187-194.	5.4	3
422	Sequential Determination of Triglycerides and Free Fatty Acids in Biological Fluids by Use of a Continuous Pretreatment Module Coupled to a Gas Chromatograph. Analytical Biochemistry, 1994, 222, 332-341.	2.4	8
423	Assessment of analytical quality in water analysis by flow injection methods. TrAC - Trends in Analytical Chemistry, 1994, 13, 409-414.	11.4	10
424	Fullerenes as Sorbent Materials for Metal Preconcentration. Analytical Chemistry, 1994, 66, 4074-4078.	6.5	96
425	Flame atomic absorption spectrometric determination of cadmium in biological samples using a preconcentration flow system with an activated carbon column and dithizone as a chelating agent. Journal of Analytical Atomic Spectrometry, 1994, 9, 691-696.	3.0	24
426	Direct analysis of milk for aluminium using electrothermal atomic absorption spectrometry. Analyst, The, 1994, 119, 1695-1699.	3.5	21
427	Determination of nickel in rocks by use of a continuous precipitationâ€“preconcentration system coupled on-line to a flame atomic absorption spectrometer. Journal of Analytical Atomic Spectrometry, 1994, 9, 663-666.	3.0	12
428	Continuous liquidâ€“liquid extraction with on-line monitoring for the determination of anionic surfactants in waters. Analyst, The, 1994, 119, 2097-2100.	3.5	21
429	Determination of selenium in fruit juices by flow injection electrothermal atomization atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 1994, 9, 657-662.	3.0	15
430	Analytical viewpoint. Representativeness of analytical results. Analyst, The, 1994, 119, 109-112.	3.5	24
431	Determination of Free Fatty Acids in Dairy Products by Direct Coupling of a Continuous Preconcentration Ion-Exchange-Derivatization Module to a Gas Chromatograph. Analytical Chemistry, 1994, 66, 628-634.	6.5	21
432	Analytical Supercritical Fluid Extraction. , 1994, , .		131

#	Article	IF	Citations
433	Preliminary Operations of the Analytical Process. , 1994, , 1-31.		0
434	Determination of dissolved oxygen by use of a spectrophotometric flow-through sensor. Analytica Chimica Acta, 1993, 284, 189-193.	5.4	16
435	Automatic determination of Michaelisâ€"Menten constants by the variable flow-rate technique. Analytica Chimica Acta, 1993, 283, 429-438.	5.4	15
436	Automatic continuous-flow determination of paraquat at the subnanogram per millilitre level. Analytica Chimica Acta, 1993, 281, 103-109.	5.4	28
437	Automatic determination of amylocaine and bromhexine by atomic absorption spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 1993, 11, 301-305.	2.8	16
438	Flow injection spectrophotometric method for the speciation of aluminium in river and tap waters. Analyst, The, 1993, 118, 1199-1203.	3.5	30
439	Flow-through (bio)chemical sensorsâ€"Plenary lecture. Analyst, The, 1993, 118, 593-600.	3.5	45
440	Indirect flame atomic absorption spectrometric determination of papaverine, strychnine and cocaine by continuous precipitation with Dragendorff's reagent. Journal of Analytical Atomic Spectrometry, 1993, 8, 1117-1120.	3.0	21
441	The hierarchy and relationships of analytical properties. Analytical Chemistry, 1993, 65, 781A-787A.	6.5	55
442	Determination of aluminum in slurry and liquid phase of juices by flow injection analysis graphite furnace atomic absorption spectrometry. Analytical Chemistry, 1993, 65, 3331-3335.	6.5	29
443	Continuous liquid-liquid extraction for preconcentration with on-line monitoring. Analytical Chemistry, 1993, 65, 2941-2943.	6.5	21
444	Coupled robot-flow injection analysis system for fully automated determination of total polyphenols in olive oil. Analytical Chemistry, 1993, 65, 3540-3542.	6.5	30
445	Automatic gas chromatographic determination of N-methylcarbamates in milk with electron capture detection. Analytical Chemistry, 1993, 65, 1773-1778.	6.5	46
446	Determination of the oxidative stability of olive oil by use of a robotic station. Talanta, 1993, 40, 1595-1600.	5.5	12
447	Flow-Through Photometric Sensor for the Determination of Cadmium at the Nanogram per Millilitre Level. Analytical Letters, 1993, 26, 733-744.	1.8	8
448	Photochemical determination of ascorbic acid using unsegmented flow methods. Analyst, The, 1992, 117, 1761-1765.	3.5	26
449	Automated simultaneous determination of metal ions by use of variable flow rates in unsegmented systems. Analyst, The, 1992, 117, 1629-1633.	3.5	13
450	Coupling of a continuous liquidâ€"liquid extractor to a flame atomic absorption spectrometer for the determination of alkaloids. Journal of Analytical Atomic Spectrometry, 1992, 7, 1295-1298.	3.0	13

#	Article	IF	Citations
451	Integrated Retention/Spectrophotometric Detection Method for the Determination of Formaldehyde. Analytical Letters, 1992, 25, 2279-2288.	1.8	10
452	Automatic continuous-flow method for the determination of cocaine. Analytical Chemistry, 1992, 64, 1509-1512.	6.5	27
453	Simultaneous determination of vanadium and lead in unsegmented flow systems of variable flow rate. Fresenius' Journal of Analytical Chemistry, 1992, 342, 76-79.	1.5	16
454	Spectrofluorimetric determination of sulphate in waters in normal and open/closed flow injection configurations. Analyst, The, 1991, 116, 305-307.	3.5	13
455	Photochemicalâ€“spectrofluorimetric determination of phenothiazine compounds by unsegmented-flow methods. Analyst, The, 1991, 116, 171-176.	3.5	53
456	Determination of anions by flow injection. A review. Analyst, The, 1991, 116, 1095-1111.	3.5	25
457	Kinetic-enzymatic determination of oxalate in urine by flow-injection analysis with double stopped flow. Analytica Chimica Acta, 1991, 242, 179-183.	5.4	20
458	Direct introduction of solid samples into continuous-flow systems by use of ultrasonic irradiation. Analytica Chimica Acta, 1991, 242, 283-289.	5.4	44
459	Integrated photochemical reaction/electrochemical detection in flow-injection systems: kinetic determination of oxalate. Analytica Chimica Acta, 1990, 234, 227-232.	5.4	29
460	Simultaneous-fluorimetric methods for the determination of ammonia and urea by use of flow injection configurations with dual injection valves. Fresenius' Journal of Analytical Chemistry, 1990, 336, 490-493.	1.5	7
461	Fluorimetric enzymatic flow-injection determination of bile acids in human serum. Fresenius' Journal of Analytical Chemistry, 1990, 338, 749-751.	1.5	3
462	Kinetic determination of creatinine in biological fluids by stopped-flow injection analysis. Fresenius' Journal of Analytical Chemistry, 1990, 338, 752-754.	1.5	4
463	Indirect kinetic photometric determination of nickel, cobalt, mercury, and silver based on their transient inhibitory effect on a catalytic reaction. Microchemical Journal, 1990, 42, 110-114.	4.5	4
464	Off- and on-line determination of fluoride with unsegmented flow configurations. Analytica Chimica Acta, 1990, 230, 137-143.	5.4	16
465	Flow-injection determination of mixtures of amines immobilized in the flow cell of a photometric diode-array detector. Analytica Chimica Acta, 1990, 229, 177-182.	5.4	34
466	Sensitive and selective indirect kinetic spectrophotometric determination of manganese in agricultural samples. Analyst, The, 1990, 115, 993-995.	3.5	0
467	Determination of chlordiazepoxide by zinc or cadmium reduction in a continuous system followed by atomic absorption spectrometric detection. Analyst, The, 1990, 115, 943-946.	3.5	12
468	Integration of reaction (retention) and spectroscopic detection in continuous-flow systems. Invited lecture. Analyst, The, 1990, 115, 699-703.	3.5	52

#	Article	IF	Citations
469	On-line coupling of a gas chromatograph to a continuous liquid-liquid extractor. Analytical Chemistry, 1990, 62, 1587-1591.	6.5	41
470	Photometric determination of acidity constants by the flow gradient technique without pH measurements. Analytical Chemistry, 1990, 62, 2237-2241.	6.5	22
471	Use of photochemical reactions in flow injection: determination of oxalate in urine. Analyst, The, 1990, 115, 1549-1552.	3.5	30
472	Analysis of gaseous samples by flow injection. Analytica Chimica Acta, 1989, 224, 127-132.	5.4	22
473	Automatic precipitation-dissolution in continuous flow systems. TrAC - Trends in Analytical Chemistry, 1989, 8, 34-40.	11.4	29
474	Sandwich standardization in flow-injection analysis. Talanta, 1989, 36, 612-614.	5.5	19
475	Atomic absorption determination of copper in silicate rocks by continuous precipitation preconcentration. Analytical Chemistry, 1989, 61, 1427-1430.	6.5	51
476	Determination of cobalt at low levels in silicate rocks by atomic absorption spectrometry using a continuous on-line precipitation-dissolution procedure based on 1-nitroso-2-naphthol. Journal of Analytical Atomic Spectrometry, 1989, 4, 547-550.	3.0	25
477	Integrated reaction/spectrophotometric detection in unsegmented flow systems. Analytica Chimica Acta, 1988, 214, 217-227.	5.4	80
478	Simultaneous determination of phenolic compounds in water by normal and derivative flow injection/cyclic votammetry. Analytica Chimica Acta, 1988, 214, 375-384.	5.4	29
479	Fluorimetric determination of aflatoxins by flow-injection analysis. Fresenius Zeitschrift FÃ¼r Analytische Chemie, 1988, 332, 809-812.	0.8	6
480	Analytical potential of flow-reversal injection analysis. Analytical Chemistry, 1988, 60, 1540-1545.	6.5	56
481	Liquid-liquid extraction in continuous flow systems without phase separation. Analytical Chemistry, 1988, 60, 2354-2357.	6.5	87
482	Indirect atomic absorption spectrometric determination of sulphonamides in pharmaceutical preparations and urine by continuous precipitation. Journal of Analytical Atomic Spectrometry, 1988, 3, 725-729.	3.0	30
483	Determination of pH, conductivity, residual chlorine and ammonium and nitrite lons in water with an unsegmented flow configuration. Analyst, The, 1988, 113, 739-742.	3.5	34
484	Selectivity and kinetics in analytical chemistry. Plenary lecture. Analyst, The, 1987, 112, 729-737.	3.5	19
485	Indirect atomic absorption determination of chloride by continuous precipitation of silver chloride in a flow injection system. Journal of Analytical Atomic Spectrometry, 1987, 2, 211-215.	3.0	29
486	Determination of reducing sugars in wine by flow injection analysis. Analyst, The, 1987, 112, 1569.	3.5	27

#	Article	IF	Citations
487	Determination of total cholesterol in serum by flow injection analysis with immobilized enzymes. Clinica Chimica Acta, 1987, 167, 97-104.	1.1	20
488	Doubly stopped flow: a new alternative to simultaneous kinetic multideterminations in unsegmented flow systems. Analytical Chemistry, 1987, 59, 950-954.	6.5	47
489	Determination of analytical parameters in drinking water by flow injection analysis. Part 2. Simultaneous determination of calcium and magnesium. Analyst, The, 1987, 112, 267-270.	3.5	23
490	Pre-concentration and determination of trace amounts of lead in water by continuous precipitation in an unsegmented-flow atomic absorption spectrometric system. Analyst, The, 1987, 112, 1233-1236.	3.5	61
491	Flow injection analysisâ€"use of immobilised enzymes for the determination of ethanol in serum. Analyst, The, 1987, 112, 259-261.	3.5	21
492	Simultaneous determination of organic isomers in mixtures by flow injection analysis with a diode array photodetector. Analyst, The, 1987, 112, 535-538.	3.5	22
493	Analytical potential of continuous precipitation in flow injection-atomic absorption configurations. Analytical Chemistry, 1987, 59, 69-74.	6.5	54
494	Determination of histamine by derivative synchronous fluorescence spectrometry. Analytical Chemistry, 1987, 59, 769-773.	6.5	18
495	Electrochemical determination of sulfur dioxide in air samples in closed-loop flow injection system. Analytical Chemistry, 1987, 59, 666-670.	6.5	44
496	Individual and simultaneous determination of ethanol and acetaldehyde in wines by flow injection analysis and immobilized enzymes. Analytical Chemistry, 1987, 59, 1859-1863.	6.5	60
497	Determination of analytical parameters in drinking water by flow injection analysis. Part 1. Simultaneous determination of pH, alkalinity and total ionic concentration. Analyst, The, 1987, 112, 263-266.	3.5	19
498	Continuous separation techniques in flow injection analysis. Journal of Chromatography A, 1987, 393, 3-23.	3.7	58
499	Formation of two reaction zones in flow-injection systems for kinetic determinations of cobalt and nickel. Analytica Chimica Acta, 1987, 193, 107-118.	5.4	22
500	Enzymatic determination of total cholesterol in serum by flow injection analysis. Journal of Pharmaceutical and Biomedical Analysis, 1987, 5, 333-340.	2.8	9
501	Kineticâ€"fluorimetric determination of pilocarpine in ophthalmic solutions. Journal of Pharmaceutical and Biomedical Analysis, 1987, 5, 409-414.	2.8	2
502	Individual and simultaneous fluorimetric determination of glycine and cysteine by flow injection analysis. Microchemical Journal, 1987, 35, 315-320.	4.5	7
503	Photometric determination of tartaric acid in wine by flow injection analysis. Analyst, The, 1986, 111, 729-732.	3.5	18
504	Indirect atomic absorption determination of anionic surfactants in wastewaters by flow injection continuous liquid-liquid extraction. Analytical Chemistry, 1986, 58, 2265-2269.	6.5	60

#	Article	IF	Citations
505	New configuration for construction of pH gradients in flow injection analysis. Analytical Chemistry, 1986, 58, 663-664.	6.5	44
506	Determination of vitamin C by flow injection analysis. Analyst, The, 1986, 111, 163-166.	3.5	37
507	Determination of vitamin C in urine by flow injection analysis. Analyst, The, 1986, 111, 167-169.	3.5	19
508	Spectrophotometric determination of selenium(IV) and selenium(VI)with flow injection. Analyst, The, 1986, 111, 1405-1408.	3.5	19
509	Determination of reaction stoichiometries by flow injection analysis: A laboratory exercise. Journal of Chemical Education, 1986, 63, 552.	2.3	25
510	Kinetic-based determinations in continuous-flow analysis. Journal of Automated Methods and Management in Chemistry, 1986, 8, 186-191.	0.3	6
511	Automation of a flow-injection system for multispeciation. Journal of Automated Methods and Management in Chemistry, 1986, 8, 70-74.	0.3	15
512	Flow injection analysis of binary and ternary mixtures of arsenite, arsenate, and phosphate. Analytical Chemistry, 1986, 58, 120-124.	6.5	39
513	Simultaneous and direct determination of pyridoxal, pyridoxal-5â€²-phosphate, and pyridoxic acid in serum by derivative synchronous fluorescence spectroscopy. Analytical Biochemistry, 1986, 157, 212-220.	2.4	23
514	Determination of ethanol in human fluids â€” I. Determination of ethanol in blood. Journal of Pharmaceutical and Biomedical Analysis, 1986, 4, 545-558.	2.8	17
515	Determination of ethanol in human fluids â€” II. Determination of ethanol in urine, breath and saliva. Journal of Pharmaceutical and Biomedical Analysis, 1986, 4, 559-564.	2.8	15
516	Determination of nitrate and nitrite by continuous liquid-liquid extraction with a flow-injection atomic-absorption detection system. Fresenius Zeitschrift FÃ¼r Analytische Chemie, 1986, 323, 50-53.	0.8	33
517	Simultaneous determination of pyridoxal and pyridoxal 5-phosphate in human serum by flow injection analysis. Analytical Chemistry, 1985, 57, 2101-2106.	6.5	25
518	Flow injection analysis: A new approach to pharmaceutical determinations. Journal of Pharmaceutical and Biomedical Analysis, 1985, 3, 105-121.	2.8	25
519	Catalytic-fluorimetric determination of EDTA and iron(III) by flow injection analysis. Fresenius Zeitschrift FÃ¼r Analytische Chemie, 1985, 321, 467-470.	0.8	7
520	Simultaneous catalytic-fluorimetric determination of copper and mercury by flow-injection analysis. Fresenius Zeitschrift FÃ¼r Analytische Chemie, 1985, 320, 128-132.	0.8	16
521	Simultaneous and sequential determination of chromium(VI) and chromium(III) by unsegmented flow methods. Fresenius Zeitschrift FÃ¼r Analytische Chemie, 1985, 322, 499-502.	0.8	26
522	Fluorimetric determination of ammonia, hydrazine and hydroxylamine and their mixtures by differential kinetic methods. Fresenius Zeitschrift FÃ¼r Analytische Chemie, 1985, 320, 762-768.	0.8	20

#	Article	IF	Citations
523	New approach to the simultaneous determination of pollutants in waste waters by flow injection analysis. Part II. Cationic pollutants. Analyst, The, 1985, 110, 277-281.	3.5	27
524	Fluorimetric determination of tin at the nanograms per millilitre level in canned beverages. Analyst, The, 1985, 110, 43-45.	3.5	16
525	Calculation of the Cu(II)-thiosemicarbazone complex formation constants by a modification of the deford and hume method applicable to quasi-reversible and irreversible processes. Talanta, 1985, 32, 81-82.	5.5	0
526	Prediction of the behaviour of a single flow-injection manifold. Talanta, 1985, 32, 319-324.	5.5	28
527	Reply to the comments by vanderslice and beecher. Talanta, 1985, 32, 339-340.	5.5	4
528	Multidetection in unsegmented flow systems with a single detector. Analytical Chemistry, 1985, 57, 1803-1809.	6.5	79
529	Analysis of binary and ternary mixtures of titanium, zirconium, and hafnium by derivative synchronous fluorescence spectrometry. Analytical Chemistry, 1985, 57, 1101-1106.	6.5	39
530	Comparison of flow injection analysis configurations for differential kinetic determination of cobalt and nickel. Analytical Chemistry, 1984, 56, 1146-1151.	6.5	60
531	Fluorimetric determination of manganese at the nanogram level by catalytic oxidation of pyridoxal 2-pyridylhydrazone by hydrogen peroxide. Analyst, The, 1984, 109, 717-722.	3.5	28
532	Catalytic fluorimetric determination of nanogram amounts of lead in plastic containers for food by oxidation of pyridoxal 2-pyridylhydrazone with hydrogen peroxide. Analyst, The, 1984, 109, 597-599.	3.5	5
533	Kinetic-photometric determination of EDTA, zinc and bismuth by interchange reactions of î€‰Cî€Nâ€” groups. Analyst, The, 1984, 109, 1147-1150.	3.5	5
534	New approach to the simultaneous determination of pollutants in waste waters by flow injection analysis. Part A. Anionic pollutants. Analyst, The, 1984, 109, 1487-1492.	3.5	49
535	Catalytic-fluorimetric determination of copper at the nanograms per millilitre level by flow injection analysis. Analyst, The, 1984, 109, 333.	3.5	21
536	Simultaneous kinetic determination of iron and chromium at the nanogram level. Analytical Chemistry, 1984, 56, 1417-1422.	6.5	7
537	Simultaneous determinations in flow injection analysis. A review. Analyst, The, 1984, 109, 413.	3.5	92
538	Solid Phase (Micro)extraction Tools Based on Carbon Nanotubes and Related Nanostructures. , 0, , .		1