

# Ángel RÃ-os

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8008290/publications.pdf>

Version: 2024-02-01

336  
papers

8,736  
citations

47006

47  
h-index

114465

63  
g-index

336  
all docs

336  
docs citations

336  
times ranked

6701  
citing authors

#	ARTICLE	IF	CITATIONS
1	Innovative and versatile nanoplasmonic approach for the full sensing of proteinogenic aminoacids in nutritional supplements. <i>Talanta</i> , 2022, 237, 122976.	5.5	0
2	Design of a 3D interfacial SERS liquid sensing platform based on Au-nanobones for discrimination and quantitation of quercetin loaded nanoemulsions. <i>Sensors and Actuators B: Chemical</i> , 2022, 358, 131509.	7.8	6
3	Graphene quantum dots an efficient nanomaterial for enhancing the photostability of trans-resveratrol in food samples. <i>Food Chemistry</i> , 2022, 386, 132766.	8.2	11
4	Rapid Sample Screening Method for Authenticity Controlling of Vanilla Flavours Using Liquid Chromatography with Electrochemical Detection Using Aluminium-Doped Zirconia Nanoparticles-Modified Electrode. <i>Molecules</i> , 2022, 27, 2915.	3.8	1
5	Detection of Porphyrins in Hair Using Capillary Liquid Chromatography-Mass Spectrometry. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6230.	4.1	3
6	SERS-Based Methodology for the Quantification of Ultratrace Graphene Oxide in Water Samples. <i>Environmental Science &amp; Technology</i> , 2022, 56, 9527-9535.	10.0	3
7	Analysis of Food Additives by Capillary Electrophoresis. <i>Current and Future Developments in Food Science</i> , 2022, , 252-290.	0.1	0
8	Carbon dots “ Separative techniques: Tools-objective towards green analytical nanometrology focused on bioanalysis. <i>Microchemical Journal</i> , 2021, 161, 105773.	4.5	10
9	Screening-confirmation strategy for nanomaterials involving spectroscopic analytical techniques and its application to the control of silver nanoparticles in pastry samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 246, 119015.	3.9	5
10	A method based on asymmetric flow field flow fractionation hyphenated to inductively coupled plasma mass spectrometry for the monitoring of platinum nanoparticles in water samples. <i>Talanta</i> , 2021, 222, 121513.	5.5	18
11	Contributions of Capillary Electrophoresis in Analytical Nanometrology: A Critical View. <i>Critical Reviews in Analytical Chemistry</i> , 2021, , 1-27.	3.5	2
12	Green Separation Techniques for-omics Platforms. <i>Analytical Microsystems.</i> , 2021, , 662-689.		0
13	Surface Polymers on Multiwalled Carbon Nanotubes for Selective Extraction and Electrochemical Determination of Rhodamine B in Food Samples. <i>Molecules</i> , 2021, 26, 2670.	3.8	12
14	A Comparative Study of Top-Down and Bottom-Up Carbon Nanodots and Their Interaction with Mercury Ions. <i>Nanomaterials</i> , 2021, 11, 1265.	4.1	25
15	Ionic liquid and magnetic multiwalled carbon nanotubes for extraction of N-methylcarbamate pesticides from water samples prior their determination by capillary electrophoresis. <i>Talanta</i> , 2021, 226, 122106.	5.5	27
16	A simple analytical methodology for platinum nanoparticles control in complex clinical matrices via SP-ICP-MS. <i>Talanta</i> , 2021, 231, 122370.	5.5	15
17	Rapid assessment of silver nanoparticle migration from food containers into food simulants using a qualitative method. <i>Food Chemistry</i> , 2021, 361, 130091.	8.2	8
18	Magnetic hybrid nanoparticles for improvements in analytical processes. , 2021, , 637-677.		0

#	ARTICLE	IF	CITATIONS
19	A rapid and simple approach for the characterization and quantification of gold nanoparticles in cell culture medium by single particle-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 528-534.	3.0	6
20	Cyclodextrin-modified graphene quantum dots as a novel additive for the selective separation of bioactive compounds by capillary electrophoresis. <i>Mikrochimica Acta</i> , 2021, 188, 440.	5.0	7
21	LC-MS determination of catecholamines and related metabolites in red deer urine and hair extracted using magnetic multi-walled carbon nanotube poly(styrene-co-divinylbenzene) composite. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1136, 121878.	2.3	9
22	A new nanometrological strategy for titanium dioxide nanoparticles screening and confirmation in personal care products by CE-splCP-MS. <i>Talanta</i> , 2020, 219, 121385.	5.5	8
23	Discrimination between nanocurcumin and free curcumin using graphene quantum dots as a selective fluorescence probe. <i>Mikrochimica Acta</i> , 2020, 187, 446.	5.0	15
24	A sensitive electrochemical sensor based on aluminium doped copper selenide nanoparticles-modified screen printed carbon electrode for determination of L-tyrosine in pharmaceutical samples. <i>Journal of Electroanalytical Chemistry</i> , 2020, 874, 114466.	3.8	24
25	Detection of Dopamine in Human Fluids Using N-Doped Carbon Dots. <i>ACS Applied Nano Materials</i> , 2020, 3, 8004-8011.	5.0	39
26	Carbon-based nanodots as effective electrochemical sensing tools toward the simultaneous detection of bioactive compounds in complex matrices. <i>Journal of Electroanalytical Chemistry</i> , 2020, 878, 114573.	3.8	10
27	AF4-ICP-MS as a powerful tool for the separation of gold nanorods and nanospheres. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 1530-1536.	3.0	7
28	Magnetic solid phase extraction as a valuable tool for elemental speciation analysis. <i>Trends in Environmental Analytical Chemistry</i> , 2020, 27, e00097.	10.3	22
29	Erythrosine B " coated gold nanoparticles as an analytical sensing tool for the proper determination of both compounds based on surface-enhanced Raman spectroscopy. <i>Microchemical Journal</i> , 2020, 157, 104937.	4.5	8
30	A screen-printed electrode modified with silver nanoparticles and carbon nanofibers in a nafion matrix for ionic liquid-based dispersive liquid-liquid microextraction and voltammetric assay of heterocyclic amine 8-MelQx in food. <i>Mikrochimica Acta</i> , 2020, 187, 190.	5.0	11
31	Decoration of graphene oxide with copper selenide in supercritical carbon dioxide medium as a novel approach for electrochemical sensing of eugenol in various samples. <i>Journal of Supercritical Fluids</i> , 2019, 153, 104597.	3.2	17
32	Screening and Preliminary Biochemical and Biological Studies of [RuCl( <i>p</i> -cymene)(N,N-bis(diphenylphosphino)-isopropylamine)] [BF <sub>4</sub> ] in Breast Cancer Models. <i>ACS Omega</i> , 2019, 4, 13005-13014.	3.5	7
33	Strategies for antidepressants extraction from biological specimens using nanomaterials for analytical purposes: A review. <i>Microchemical Journal</i> , 2019, 150, 104193.	4.5	12
34	Feedback Seeking Behavior in Language Learning: Basic Components and Motivational Antecedents. <i>Modern Language Journal</i> , 2019, 103, 205-226.	2.3	70
35	Graphene quantum dots for enhancement of fluorimetric detection coupled to capillary electrophoresis for detection of ofloxacin. <i>Electrophoresis</i> , 2019, 40, 2336-2341.	2.4	27
36	Analytical control of Rhodamine B by SERS using reduced graphene decorated with copper selenide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 223, 117302.	3.9	17

#	ARTICLE	IF	CITATIONS
37	Analytical control of nanodelivery lipid-based systems for encapsulation of nutraceuticals: Achievements and challenges. Trends in Food Science and Technology, 2019, 90, 47-62.	15.1	42
38	Unique evolution of vitamin A as an external pigment in tropical starlings. Journal of Experimental Biology, 2019, 222, .	1.7	5
39	Analytical reliability of simple, rapid, minuturized, direct analytical processes: A call to arms. TrAC - Trends in Analytical Chemistry, 2019, 114, 98-107.	11.4	11
40	Analytical metrology for nanomaterials: Present achievements and future challenges. Analytica Chimica Acta, 2019, 1059, 1-15.	5.4	39
41	Unprecedented high catecholamine production causing hair pigmentation after urinary excretion in red deer. Cellular and Molecular Life Sciences, 2019, 76, 397-404.	5.4	10
42	Nanostructured hybrid surface enhancement Raman scattering substrate for the rapid determination of sulfapyridine in milk samples. Talanta, 2019, 194, 357-362.	5.5	27
43	Analytical nanometrological approach for screening and confirmation of titanium dioxide nano/micro-particles in sugary samples based on Raman spectroscopy " Capillary electrophoresis. Analytica Chimica Acta, 2019, 1050, 169-175.	5.4	20
44	Ionic liquid dispersive liquid-liquid microextraction combined with LC-UV-Vis for the fast and simultaneous determination of cortisone and cortisol in human saliva samples. Journal of Pharmaceutical and Biomedical Analysis, 2019, 165, 141-146.	2.8	30
45	Analytical strategy based on asymmetric flow field flow fractionation hyphenated to ICP-MS and complementary techniques to study gold nanoparticles transformations in cell culture medium. Analytica Chimica Acta, 2019, 1053, 178-185.	5.4	28
46	Development and Validation of an Electrochemical Screening Methodology for Sulfonamide Residue Control in Milk Samples Using a Graphene Quantum Dots@Nafion Modified Glassy Carbon Electrode. Food Analytical Methods, 2018, 11, 1711-1721.	2.6	14
47	Capillary electrophoresis method for the discrimination between natural and artificial vanilla flavor for controlling food frauds. Electrophoresis, 2018, 39, 1628-1633.	2.4	10
48	Direct determination of graphene quantum dots based on terbium-sensitized luminescence. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 198, 177-181.	3.9	4
49	Determination of vanillin by using gold nanoparticle-modified screen-printed carbon electrode modified with graphene quantum dots and Nafion. Mikrochimica Acta, 2018, 185, 204.	5.0	30
50	Determination of antidepressants in human urine extracted by magnetic multiwalled carbon nanotube poly(styrene-co-divinylbenzene) composites and separation by capillary electrophoresis. Electrophoresis, 2018, 39, 1808-1815.	2.4	27
51	Development of an Aluminium Doped TiO <sub>2</sub> Nanoparticles-modified Screen Printed Carbon Electrode for Electrochemical Sensing of Vanillin in Food Samples. Electroanalysis, 2018, 30, 969-974.	2.9	24
52	Use of capillary electrophoresis for characterisation of vinyl-terminated Au nanoprisms and nanooctahedra. Electrophoresis, 2018, 39, 1437-1442.	2.4	5
53	Synthesis of hybrid magnetic carbon nanotubes " C18-modified nano SiO <sub>2</sub> under supercritical carbon dioxide media and their analytical potential for solid-phase extraction of pesticides. Journal of Supercritical Fluids, 2018, 137, 66-73.	3.2	15
54	Analytical Nanoscience and Nanotechnology: Where we are and where we are heading. Talanta, 2018, 177, 104-121.	5.5	56

#	ARTICLE	IF	CITATIONS
55	Carbon nanotubes magnetic hybrid nanocomposites for a rapid and selective preconcentration and clean-up of mercury species in water samples. <i>Talanta</i> , 2018, 179, 442-447.	5.5	37
56	Magnetic cellulose nanoparticles coated with ionic liquid as a new material for the simple and fast monitoring of emerging pollutants in waters by magnetic solid phase extraction. <i>Microchemical Journal</i> , 2018, 137, 490-495.	4.5	68
57	Graphene quantum dots-terbium ions as novel sensitive and selective time-resolved luminescent probes. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 391-398.	3.7	13
58	Nanomaterials for water cleaning and desalination, energy production, disinfection, agriculture and green chemistry. <i>Environmental Chemistry Letters</i> , 2018, 16, 11-34.	16.2	63
59	Magnetic multi-walled carbon nanotube poly(styrene-co-divinylbenzene) for propranolol extraction and separation by capillary electrophoresis. <i>Bioanalysis</i> , 2018, 10, 1193-1205.	1.5	4
60	Magnetic multi-walled carbon nanotubes as a valuable option for the preconcentration of non-steroidal anti-inflammatory drugs in water. <i>Separation Science Plus</i> , 2018, 1, 549-555.	0.6	5
61	Magnetic nanocellulose hybrid nanoparticles and ionic liquid for extraction of neonicotinoid insecticides from milk samples prior to determination by liquid chromatography-mass spectrometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 1755-1766.	2.3	17
62	A simple poly(styrene-co-divinylbenzene)-coated glass blood spot method for monitoring of seven antidepressants using capillary liquid chromatography-mass spectrometry. <i>Talanta</i> , 2018, 188, 772-778.	5.5	14
63	Discrimination of penicillamine enantiomers using $\beta$ -cyclodextrin modified CdSe/ZnS quantum dots. <i>Mikrochimica Acta</i> , 2017, 184, 815-824.	5.0	34
64	Magnetic/non-magnetic argan press cake nanocellulose for the selective extraction of sudan dyes in food samples prior to the determination by capillary liquid chromatography. <i>Talanta</i> , 2017, 166, 63-69.	5.5	42
65	Selective screening of glutaric acid acidurias by capillary electrophoresis-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 40-45.	2.8	4
66	Methodology for monitoring gold nanoparticles and dissolved gold species in culture medium and cells used for nanotoxicity tests by liquid chromatography hyphenated to inductively coupled plasma-mass spectrometry. <i>Talanta</i> , 2017, 164, 451-457.	5.5	33
67	Dispersed synthesis of uniform Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles via in situ decomposition of iron precursor along cotton fibre for Sudan dyes analysis in food samples. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2017, 34, 1853-1862.	2.3	8
68	Magnetic nanoparticles-carbon nanotubes hybrid composites for selective solid-phase extraction of polycyclic aromatic hydrocarbons and determination by ultra-high performance liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5125-5132.	3.7	35
69	Analysis of penicillamine using Cu-modified graphene quantum dots synthesized from uric acid as single precursor. <i>Journal of Pharmaceutical Analysis</i> , 2017, 7, 324-331.	5.3	32
70	Analysis of silica nanoparticles by capillary electrophoresis coupled to an evaporative light scattering detector. <i>Analytica Chimica Acta</i> , 2016, 923, 82-88.	5.4	23
71	Hybrid nanoparticles based on magnetic multiwalled carbon nanotube-nanoC <sub>18</sub> SiO <sub>2</sub> composites for solid phase extraction of mycotoxins prior to their determination by LC-MS. <i>Mikrochimica Acta</i> , 2016, 183, 871-880.	5.0	57
72	Decoration of multi-walled carbon nanotubes with metal nanoparticles in supercritical carbon dioxide medium as a novel approach for the modification of screen-printed electrodes. <i>Talanta</i> , 2016, 161, 775-779.	5.5	22

#	ARTICLE	IF	CITATIONS
73	Synthesis of CuNP-modified carbon electrodes obtained by pyrolysis of paper. <i>Sensors and Actuators B: Chemical</i> , 2016, 227, 626-633.	7.8	37
74	Fluorescence Determination of L-Cysteine in Wound Dressings by Fluoroscein Coated Gold Nanoparticles. <i>Analytical Letters</i> , 2016, 49, 1221-1232.	1.8	5
75	Quantum dot-modified paper-based assay for glucose screening. <i>Mikrochimica Acta</i> , 2016, 183, 611-616.	5.0	31
76	Recent advances in magnetic nanomaterials for improving analytical processes. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 84, 72-83.	11.4	115
77	Enantioselective discrimination of menthone enantiomers by using achiral liquid chromatography with circular dichroism detection and penicillamine-coated gold nanoparticles. <i>Microchemical Journal</i> , 2016, 124, 736-742.	4.5	5
78	Development and characterization of carbon based electrodes from pyrolyzed paper for biosensing applications. <i>Journal of Electroanalytical Chemistry</i> , 2016, 765, 8-15.	3.8	53
79	Determination of mutagenic amines in water and food samples by high pressure liquid chromatography with amperometric detection using a multiwall carbon nanotubes-glassy carbon electrode. <i>Food Chemistry</i> , 2016, 192, 343-350.	8.2	10
80	Fluorescent chemosensor for pyridine based on N-doped carbon dots. <i>Journal of Colloid and Interface Science</i> , 2015, 458, 209-216.	9.4	56
81	A novel approach to size separation of gold nanoparticles by capillary electrophoresisâ€“evaporative light scattering detection. <i>RSC Advances</i> , 2015, 5, 16672-16677.	3.6	33
82	Modern qualitative analysis by miniaturized and microfluidic systems. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 69, 105-113.	11.4	32
83	A continuous method incorporating $\beta$ -cyclodextrin modified CdSe/ZnS quantum dots for determination of ascorbic acid. <i>Analytical Methods</i> , 2015, 7, 3472-3479.	2.7	12
84	Microwave-assisted synthesis of carbon dots and its potential as analysis of four heterocyclic aromatic amines. <i>Talanta</i> , 2015, 132, 845-850.	5.5	62
85	$\beta$ -Cyclodextrin coated CdSe/ZnS quantum dots for vanillin sensing in food samples. <i>Talanta</i> , 2015, 131, 286-291.	5.5	46
86	Sensing Strategies Using Quantum Dots: A Critical View. <i>Current Organic Chemistry</i> , 2015, 19, 1134-1149.	1.6	6
87	Interfacing commercially available capillary electrophoresis to sample preparation and/or detection systems to solve analytical problems. <i>Reviews in Analytical Chemistry</i> , 2014, 33, .	3.2	2
88	Determination of sulfonamides in milk samples by HPLC with amperometric detection using a glassy carbon electrode modified with multiwalled carbon nanotubes. <i>Journal of Separation Science</i> , 2014, 37, 382-389.	2.5	20
89	Microwave-assisted synthesis of water soluble thiol capped CdSe/ZnS quantum dots and its interaction with sulfonylurea herbicides. <i>Journal of Colloid and Interface Science</i> , 2014, 428, 235-241.	9.4	32
90	The Applied Side of Capillary Electrophoresis: A Critical View. <i>Current Analytical Chemistry</i> , 2014, 10, 184-196.	1.2	4

#	ARTICLE	IF	CITATIONS
91	Magnetic (nano)materials as an useful tool for sample preparation in analytical methods. A review. <i>Analytical Methods</i> , 2013, 5, 4558.	2.7	98
92	Validation of a screening method for the rapid control of sulfonamide residues based on electrochemical detection using multiwalled carbon nanotubes-glassy carbon electrodes. <i>Analytical Methods</i> , 2013, 5, 6821.	2.7	25
93	Use of Cdse/ZnS quantum dots for sensitive detection and quantification of paraquat in water samples. <i>Analytica Chimica Acta</i> , 2013, 801, 84-90.	5.4	43
94	Use of gold nanoparticle-coated sorbent materials for the selective preconcentration of sulfonylurea herbicides in water samples and determination by capillary liquid chromatography. <i>Talanta</i> , 2013, 105, 372-378.	5.5	28
95	Corrigendum to: "Sample preparation for micro total analytical systems (µ-TASs)" [Trends Anal. Chem. 43 (2013) 174-188]. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 47, 138-139.	11.4	0
96	Sample preparation for micro total analytical systems (µ-TASs). <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 43, 174-188.	11.4	30
97	Pesticide residue levels in peppers cultivated in Souss Masa valley (Morocco) after multiple applications of azoxystrobin and chlorothalonil. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 499-510.	3.3	3
98	Magnetic molecular imprint-based extraction of sulfonylurea herbicides and their determination by capillary liquid chromatography. <i>Mikrochimica Acta</i> , 2013, 180, 363-370.	5.0	31
99	Design and Adaptation of an Interface for Commercial Capillary Electrophoresis" Evaporative Light Scattering Detection Coupling. <i>Analytical Chemistry</i> , 2013, 85, 4858-4862.	6.5	10
100	Point of care creatinine measurement for diagnosis of renal disease using a disposable microchip. <i>Electrophoresis</i> , 2013, 34, 2956-2961.	2.4	10
101	Capillary electrophoresis coupled to evaporative light scattering detection for direct determination of underivatized amino acids: Application to tea samples using carboxylated single-walled carbon nanotubes for sample preparation. <i>Electrophoresis</i> , 2013, 34, 2623-2631.	2.4	14
102	Analysis of cypermethrin residues and its main degradation products in soil and formulation samples by gas chromatography-electron impact-mass spectrometry in the selective ion monitoring mode. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 1378-1388.	3.3	10
103	Selective extraction and determination of catecholamines in urine samples by using a dopamine magnetic molecularly imprinted polymer and capillary electrophoresis. <i>Talanta</i> , 2012, 99, 897-903.	5.5	84
104	Miniaturization through lab-on-a-chip: Utopia or reality for routine laboratories? A review. <i>Analytica Chimica Acta</i> , 2012, 740, 1-11.	5.4	191
105	Determination of neonicotinoid insecticides in environmental samples by micellar electrokinetic chromatography using solid-phase treatments. <i>Electrophoresis</i> , 2012, 33, 2969-2977.	2.4	26
106	Ionic liquids supported on magnetic nanoparticles as a sorbent preconcentration material for sulfonylurea herbicides prior to their determination by capillary liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1529-1538.	3.7	53
107	Rapid screening of poly(ethylene glycol) polymers by C18 column-flow injection with piezoelectric detection system. <i>Microchemical Journal</i> , 2012, 103, 135-141.	4.5	1
108	Screening of non-polar heterocyclic amines in urine by microextraction in packed sorbent-fluorimetric detection and confirmation by capillary liquid chromatography. <i>Talanta</i> , 2011, 83, 1562-1567.	5.5	24

#	ARTICLE	IF	CITATIONS
109	Simplified determination of bacterial contamination by <i>Escherichia coli</i> using a flow injection system with piezoelectric detection. <i>Mikrochimica Acta</i> , 2011, 172, 447-454.	5.0	6
110	Nanoparticle-based assay for the detection of virgin argan oil adulteration and its rapid quality evaluation. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 2395-2405.	3.7	30
111	Determination of sudan dyes in food samples using supercritical fluid extractionâ€“capillary liquid chromatography. <i>Journal of Supercritical Fluids</i> , 2011, 55, 977-982.	3.2	35
112	Analytical characterization of alcohol-ethoxylate substances by instrumental separation techniques. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 1018-1034.	11.4	12
113	Determination of heterocyclic amines in urine samples by capillary liquid chromatography with evaporated light-scattering detection. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 223-231.	3.7	13
114	Achiral liquid chromatography with circular dichroism detection for the determination of carnitine enantiomers in dietary supplements and pharmaceutical formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 51, 478-483.	2.8	21
115	Analytical characterization of PEG polymers by MEKC. <i>Electrophoresis</i> , 2010, 31, 679-687.	2.4	7
116	Simultaneous determination of six nonâ€“polar heterocyclic amines in meat samples by supercritical fluid extractionâ€“capillary electrophoresis under fluorimetric detection. <i>Electrophoresis</i> , 2010, 31, 2165-2173.	2.4	14
117	Bioanalytical applications using supercritical fluid techniques. <i>Bioanalysis</i> , 2010, 2, 9-25.	1.5	31
118	State-of-the-Art of (Bio)Chemical Sensor Developments in Analytical Spanish Groups. <i>Sensors</i> , 2010, 10, 2511-2576.	3.8	29
119	Use of toxicity assays for enantiomeric discrimination of pharmaceutical substances. <i>Chirality</i> , 2009, 21, 751-759.	2.6	74
120	Screening and confirmatory methods for the analysis of macrocyclic lactone mycotoxins by CE with amperometric detection. <i>Electrophoresis</i> , 2009, 30, 499-506.	2.4	22
121	Fast single run of vanilla fingerprint markers on microfluidicâ€“electrochemistry chip for confirmation of common frauds. <i>Electrophoresis</i> , 2009, 30, 3413-3418.	2.4	27
122	Liquid-phase microextraction techniques for simplifying sample treatment in capillary electrophoresis. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 842-853.	11.4	50
123	Fast supercritical fluid extraction of low- and high-density polyethylene additives: Comparison with conventional reflux and automatic Soxhlet extraction. <i>Journal of Supercritical Fluids</i> , 2009, 50, 22-28.	3.2	50
124	Determination of alkenylbenzenes and related flavour compounds in food samples by on-column preconcentration-capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 7179-7185.	3.7	36
125	Development of a novel biotoxicity screening assay for analytical use. <i>Chemosphere</i> , 2009, 76, 959-966.	8.2	1
126	Supercritical fluid extractionâ€“Achiral liquid chromatography with circular dichroism detection for the determination of menthone enantiomers in natural peppermint oil samples. <i>Talanta</i> , 2009, 79, 284-288.	5.5	15



#	ARTICLE	IF	CITATIONS
127	Micro-electromechanical sensors in the analytical field. <i>Analyst, The</i> , 2009, 134, 1274.	3.5	59
128	Characterization and analytical validation of a microcantilever-based sensor for the determination of total carbonate in soil samples. <i>Sensors and Actuators B: Chemical</i> , 2008, 134, 245-251.	7.8	14
129	Validation of a screening method for rapid control of macrocyclic lactone mycotoxins in maize flour samples. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 709-714.	3.7	17
130	Rapid characterization of fatty alcohol ethoxylates by non-aqueous capillary electrophoresis. <i>Electrophoresis</i> , 2008, 29, 3060-3068.	2.4	10
131	Supercritical fluid extraction as an on-line clean-up technique for determination of riboflavin vitamins in food samples by capillary electrophoresis with fluorimetric detection. <i>Electrophoresis</i> , 2008, 29, 3213-3219.	2.4	26
132	Supercritical fluid extraction of macrocyclic lactone mycotoxins in maize flour samples for rapid amperometric screening and alternative liquid chromatographic method for confirmation. <i>Journal of Chromatography A</i> , 2008, 1177, 50-57.	3.7	26
133	Supercritical fluid extraction as an on-line clean-up technique for rapid amperometric screening and alternative liquid chromatography for confirmation of paraquat and diquat in olive oil samples. <i>Journal of Chromatography A</i> , 2008, 1204, 56-61.	3.7	31
134	Determination of zearalenone and its metabolites in urine samples by liquid chromatography with electrochemical detection using a carbon nanotube-modified electrode. <i>Journal of Chromatography A</i> , 2008, 1212, 54-60.	3.7	48
135	Molecularly imprinted polymers for selective piezoelectric sensing of small molecules. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 54-65.	11.4	89
136	Capillary Electrophoresis Separation of Microorganisms. , 2008, 384, 569-590.		3
137	Supported liquid membrane-modified piezoelectric flow sensor with molecularly imprinted polymer for the determination of vanillin in food samples. <i>Talanta</i> , 2007, 72, 1362-1369.	5.5	48
138	Method of Determination of Nitrosamines in Sausages by CO <sub>2</sub> Supercritical Fluid Extraction (SFE) and Micellar Electrokinetic Chromatography (MEKC). <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 603-607.	5.2	17
139	Integrated 2-D CE. <i>Electrophoresis</i> , 2007, 28, 1345-1351.	2.4	15
140	On-line coupling of solid-phase microextraction to commercial CE-MS equipment. <i>Electrophoresis</i> , 2007, 28, 1312-1318.	2.4	41
141	In-line liquid-phase microextraction for selective enrichment and direct electrophoretic analysis of acidic drugs. <i>Electrophoresis</i> , 2007, 28, 3284-3289.	2.4	46
142	Rapid sample screening method for authenticity controlling vanilla flavors using a CE microchip approach with electrochemical detection. <i>Electrophoresis</i> , 2007, 28, 4233-4239.	2.4	31
143	Self-assembled monolayer-based piezoelectric flow immunosensor for the determination of canine immunoglobulin. <i>Biosensors and Bioelectronics</i> , 2007, 22, 3217-3223.	10.1	26
144	DeterminaÃ§Ã£o simultÃ¢nea de resÃ©duos de cloranfenicol, tianfenicol e florfenicol em leite bovino por cromatografia eletrocÃ©nica micelar. <i>Quimica Nova</i> , 2006, 29, 926-931.	0.3	9

#	ARTICLE	IF	CITATIONS
145	Use of basic amphiprotic organic solvents containing neutral-surfactant aggregates as pseudostationary phase in non-aqueous capillary electrophoresis. <i>Analytica Chimica Acta</i> , 2006, 560, 69-76.	5.4	6
146	Determination of total safranal by in situ acid hydrolysis in supercritical fluid media: Application to the quality control of commercial saffron. <i>Analytica Chimica Acta</i> , 2006, 578, 117-121.	5.4	46
147	Determination of mandelic acid enantiomers in urine by derivatization in supercritical carbon dioxide prior to their determination by gas chromatography. <i>Journal of Chromatography A</i> , 2006, 1104, 331-336.	3.7	7
148	Alternatives for coupling sequential injection systems to commercial capillary electrophoresis-mass spectrometry equipment. <i>Journal of Chromatography A</i> , 2006, 1127, 278-285.	3.7	25
149	Challenges of analytical microsystems. <i>TrAC - Trends in Analytical Chemistry</i> , 2006, 25, 467-479.	11.4	101
150	Automatic sample preparation in commercial capillary-electrophoresis equipment. <i>TrAC - Trends in Analytical Chemistry</i> , 2006, 25, 968-976.	11.4	32
151	New supported liquid membrane-capillary electrophoresis in-line arrangement for direct selective analysis of complex samples. <i>Electrophoresis</i> , 2006, 27, 3075-3085.	2.4	38
152	Microemulsion electrokinetic chromatography separation by using hexane-in-water microemulsions without cosurfactant: Comparison with MEKC. <i>Electrophoresis</i> , 2006, 27, 4439-4445.	2.4	10
153	Fundamentals of capillary electrophoresis. <i>Comprehensive Analytical Chemistry</i> , 2005, , 1-30.	1.3	20
154	Coupling continuous flow systems to capillary electrophoresis. <i>Comprehensive Analytical Chemistry</i> , 2005, 45, 173-223.	1.3	6
155	Reliability of binary analytical responses. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 509-515.	11.4	14
156	Determination of free and total sulphur dioxide in wine by use of an amalgamated piezoelectric sensor. <i>Analytica Chimica Acta</i> , 2005, 535, 65-72.	5.4	40
157	An automated screening method for the fast, simple discrimination between natural and artificial colorants in commercial saffron products. <i>Analytica Chimica Acta</i> , 2005, 535, 133-138.	5.4	34
158	Development and validation strategies for qualitative spot tests: application to nitrite control in waters. <i>Analytica Chimica Acta</i> , 2005, 537, 223-230.	5.4	10
159	Automatic selective determination of caffeine in coffee and tea samples by using a supported liquid membrane-modified piezoelectric flow sensor with molecularly imprinted polymer. <i>Analytica Chimica Acta</i> , 2005, 539, 117-124.	5.4	38
160	Use of non-aqueous capillary electrophoresis for the quality control of commercial saffron samples. <i>Journal of Chromatography A</i> , 2005, 1085, 293-298.	3.7	38
161	Screening and analytical confirmation of sulfonamide residues in milk by capillary electrophoresis-mass spectrometry. <i>Electrophoresis</i> , 2005, 26, 1567-1575.	2.4	68
162	Analytical approaches to expanding the use of capillary electrophoresis in routine food analysis. <i>Journal of Separation Science</i> , 2005, 28, 915-924.	2.5	18

#	ARTICLE	IF	CITATIONS
163	Performance testing activities for analytical assessment of supercritical fluid extractors. Accreditation and Quality Assurance, 2005, 10, 219-228.	0.8	2
164	Enantioselective Supercritical Fluid Extraction from Racemic Mixtures by Use of Chiral Selectors. Separation Science and Technology, 2005, 39, 459-478.	2.5	7
165	Analytical potential of enzyme-coated capillary reactors in capillary zone electrophoresis. Electrophoresis, 2004, 25, 50-56.	2.4	23
166	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
167	Direct automatic determination of biogenic amines in wine by flow injection-capillary electrophoresis-mass spectrometry. Electrophoresis, 2004, 25, 3427-3433.	2.4	64
168	Monitoring inorganic mercury and methylmercury species with liquid chromatography-piezoelectric detection. Analytica Chimica Acta, 2004, 511, 289-294.	5.4	17
169	Amperometric screening of bacterial food contamination using a composite modified electrode. Analytica Chimica Acta, 2004, 524, 167-174.	5.4	19
170	Unreliability of screening methods. Analytica Chimica Acta, 2004, 516, 67-74.	5.4	40
171	Rapid determination of trace levels of tetracyclines in surface water using a continuous flow manifold coupled to a capillary electrophoresis system. Analytica Chimica Acta, 2004, 517, 89-94.	5.4	71
172	Development of a screening method for analytical control of antibiotic residues by micellar electrokinetic capillary chromatography. Analytica Chimica Acta, 2004, 523, 21-28.	5.4	22
173	Supercritical fluid immunoextraction: a new approach for immunoassay automation. Analytica Chimica Acta, 2004, 518, 151-156.	5.4	4
174	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
175	Screening and confirmation of PAHs in vegetable oil samples by use of supercritical fluid extraction in conjunction with liquid chromatography and fluorimetric detection. Analytica Chimica Acta, 2004, 525, 265-271.	5.4	35
176	Selective extraction of astaxanthin from crustaceans by use of supercritical carbon dioxide. Talanta, 2004, 64, 726-731.	5.5	80
177	Direct determination of total carbonate salts in soil samples by continuous-flow piezoelectric detection. Talanta, 2004, 65, 29-35.	5.5	22
178	Monitoring of Bacterial Contamination in Food Samples Using Capillary Zone Electrophoresis. Analytical Chemistry, 2004, 76, 3012-3017.	6.5	30
179	Education and Teaching in Analytical Chemistry. Mikrochimica Acta, 2003, 142, 135-135.	5.0	3
180	Quality assurance of qualitative analysis in the framework of the European project ?MEQUALAN?. Accreditation and Quality Assurance, 2003, 8, 68-77.	0.8	66

#	ARTICLE	IF	CITATIONS
181	Quality assurance in analytical laboratories engaged in research and development activities. Accreditation and Quality Assurance, 2003, 8, 78-81.	0.8	13
182	Determination of myo-inositol phosphates in food samples by flow injection-capillary zone electrophoresis. Electrophoresis, 2003, 24, 2092-2098.	2.4	37
183	Determination of nitrosamines in preserved sausages by solid-phase extractionâ€“micellar electrokinetic chromatography. Journal of Chromatography A, 2003, 985, 503-512.	3.7	44
184	Enhancing sensitivity in capillary electrophoresis. TrAC - Trends in Analytical Chemistry, 2003, 22, 605-614.	11.4	93
185	Development of a new method for the determination of nitrosamines by micellar electrokinetic capillary chromatography. Water Research, 2003, 37, 3837-3842.	11.3	24
186	PrÃ©-concentraÃ§Ã£o de nitrosaminas a partir de amostras aquosas por extraÃ§Ã£o em fase sÃ³lida e cromatografia capilar eletrocinÃ©tica micelar. Quimica Nova, 2003, 26, 193-196.	0.3	5
187	Determination of Monoterpene Hydrocarbons and Alcohols in Majorana hortensis Moench by Micellar Electrokinetic Capillary Chromatographic. Journal of Agricultural and Food Chemistry, 2002, 50, 4215-4220.	5.2	7
188	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
189	Coupling immobilized enzymes flow reactors with supercritical fluid extraction for analytical purposes. Analyst, The, 2002, 127, 241-247.	3.5	5
190	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
191	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
192	Screening of aflatoxins in feed samples using a flow system coupled to capillary electrophoresis. Journal of Chromatography A, 2002, 967, 303-314.	3.7	64
193	Use of wavelet transform to enhance piezoelectric signals for analytical purposes. Analytica Chimica Acta, 2002, 456, 93-103.	5.4	10
194	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
195	Automated flow-injection spectrophotometric determination of nitrosamines in solid food samples. Fresenius' Journal of Analytical Chemistry, 2001, 371, 891-895.	1.5	17
196	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
197	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
198	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

#	ARTICLE	IF	CITATIONS
199	Determination of phenolic constituents in citrus samples by on-line coupling of a flow system with capillary electrophoresis. <i>Electrophoresis</i> , 2001, 22, 1553-1560.	2.4	24
200	Supercritical fluid extraction with in situ chiral derivatization for the enantiospecific determination of ibuprofen in urine samples. <i>Analytica Chimica Acta</i> , 2001, 450, 1-11.	5.4	23
201	Coupling continuous separation techniques to capillary electrophoresis. <i>Journal of Chromatography A</i> , 2001, 924, 3-30.	3.7	55
202	Special issue of "QuÃmica AnalÃtica" devoted to "Analytical Chemistry and Quality". <i>Accreditation and Quality Assurance</i> , 2001, 6, 198-198.	0.8	0
203	Analysis of solid samples by capillary electrophoresis using a gas extraction sampling device in a flow system. <i>Analytica Chimica Acta</i> , 2001, 438, 315-322.	5.4	28
204	SCREENING OF POLYPHENOLS IN GRAPE MARC BY ON-LINE SUPERCRITICAL FLUID EXTRACTIONâ€FLOW THROUGH SENSOR. <i>Analytical Letters</i> , 2001, 34, 1461-1476.	1.8	14
205	Automatic calibration in capillary electrophoresis. <i>Electrophoresis</i> , 2000, 21, 556-562.	2.4	17
206	Automatic microgravimetric determination of fats in milk products by use of supercritical fluid extraction with on-line piezoelectric detection. <i>Journal of Chromatography A</i> , 2000, 874, 265-274.	3.7	23
207	Determination of pesticides in waters by automatic on-line solid-phase extractionâ€capillary electrophoresis. <i>Journal of Chromatography A</i> , 2000, 866, 137-146.	3.7	55
208	Supported liquid membranes for the determination of vanillin in food samples with amperometric detection. <i>Analytica Chimica Acta</i> , 2000, 410, 127-134.	5.4	60
209	Automatic determination of fat in milk by use of a flow injection system with a piezoelectric detector. <i>Analytica Chimica Acta</i> , 2000, 406, 309-315.	5.4	18
210	Required and delivered analytical information: the need for consistency. <i>TrAC - Trends in Analytical Chemistry</i> , 2000, 19, 593-598.	11.4	17
211	Flow injection spectrophotometric determination of ascorbic acid in soft drinks and beer. <i>Fresenius' Journal of Analytical Chemistry</i> , 2000, 366, 857-862.	1.5	27
212	The ETACS European Project for testing the comparability of sensors and analysers: Part II. Field tests. <i>Accreditation and Quality Assurance</i> , 2000, 5, 293-299.	0.8	0
213	Metrology in physics and chemistry. <i>Accreditation and Quality Assurance</i> , 2000, 5, 206-207.	0.8	2
214	Use of supported liquid membranes incorporated in a flow system for the direct determination of eugenol in spice samples. <i>Analyst, The</i> , 2000, 125, 1805-1809.	3.5	23
215	Automatic On-Line Coupling of Supercritical Fluid Extraction and Capillary Electrophoresis. <i>Analytical Chemistry</i> , 2000, 72, 5736-5739.	6.5	35
216	A metrological hierarchy for analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 1999, 18, 68-75.	11.4	14

#	ARTICLE	IF	CITATIONS
217	Traceability in chemical measurements for the end users. <i>TrAC - Trends in Analytical Chemistry</i> , 1999, 18, 570-576.	11.4	19
218	Computer-assisted qualimetric optimization of analytical methods. <i>Chemometrics and Intelligent Laboratory Systems</i> , 1999, 48, 81-90.	3.5	3
219	A new sample-injection/sample-dilution system for the flow-injection analytical technique. <i>Analytica Chimica Acta</i> , 1999, 381, 287-295.	5.4	13
220	Separation and determination of carnitine and acyl-carnitines by capillary electrophoresis with indirect UV detection. <i>Analytica Chimica Acta</i> , 1999, 382, 23-31.	5.4	18
221	Analysis of solid samples using supported liquid membranes: a method for the evaluation of the release of nicotine from Swedish snuff. <i>Analytica Chimica Acta</i> , 1999, 387, 155-164.	5.4	18
222	On-line ion-exchange preconcentration in a flow injection system coupled to capillary electrophoresis for the direct determination of UV absorbing anions. <i>Analytica Chimica Acta</i> , 1999, 390, 39-44.	5.4	51
223	A poly(vinyl chloride) graphite composite electrode for flow-injection amperometric determination of antioxidants. <i>Analytica Chimica Acta</i> , 1999, 395, 217-223.	5.4	32
224	Reliability of analytical information in the XXIst century. <i>Analytica Chimica Acta</i> , 1999, 400, 425-432.	5.4	14
225	Enantiomeric separation of d- and l-carnitine by integrating on-line derivatization with capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 1999, 849, 609-616.	3.7	35
226	A practical approach to metrology in chemistry and biology. <i>Accreditation and Quality Assurance</i> , 1999, 4, 143-152.	0.8	8
227	Validation of PVC-Graphite Composite Electrodes for Routine Analytical Work. <i>Electroanalysis</i> , 1999, 11, 1116-1123.	2.9	15
228	Determination of chlorophenols in human urine based on the integration of on-line automated clean-up and preconcentration unit with micellar electrokinetic chromatography. <i>Electrophoresis</i> , 1999, 20, 2922-2929.	2.4	32
229	Flow injection spectrophotometric determination of lactic acid in skimmed milk based on a photochemical reaction. <i>Talanta</i> , 1999, 50, 121-131.	5.5	6
230	Determination of trans-resveratrol and other polyphenols in wines by a continuous flow sample clean-up system followed by capillary electrophoresis separation. <i>Analytica Chimica Acta</i> , 1998, 359, 27-38.	5.4	82
231	Flow-injection spectrophotometric determination of citric acid in beverages based on a photochemical reaction. <i>Analytica Chimica Acta</i> , 1998, 366, 231-240.	5.4	29
232	Direct determination of biogenic amines in wine by integrating continuous flow clean-up and capillary electrophoresis with indirect UV detection. <i>Journal of Chromatography A</i> , 1998, 803, 249-260.	3.7	91
233	Use of calixarene compounds as selectivity modifiers in capillary electrophoresis separations. <i>Journal of Chromatography A</i> , 1998, 816, 243-249.	3.7	28
234	Determination of anti-carcinogenic polyphenols present in green tea using capillary electrophoresis coupled to a flow injection system. <i>Journal of Chromatography A</i> , 1998, 827, 113-120.	3.7	116

#	ARTICLE	IF	CITATIONS
235	A view of uncertainty at the bench analytical level. <i>Accreditation and Quality Assurance</i> , 1998, 3, 14-19.	0.8	11
236	Determination of heterocyclic aromatic amines in fried beefsteak, meat extract, and fish by capillary zone electrophoresis. <i>Chromatographia</i> , 1998, 48, 700-706.	1.3	24
237	Direct multiparametric determination of anions in soil samples by integrating on-line automated extraction/filtering with capillary electrophoresis. <i>Fresenius' Journal of Analytical Chemistry</i> , 1998, 360, 697-701.	1.5	21
238	Supercritical fluid extraction of t-resveratrol and other phenolics from a spiked solid. <i>Fresenius' Journal of Analytical Chemistry</i> , 1998, 361, 143-148.	1.5	35
239	Coupling continuous flow systems to instruments based on discrete sample introduction. <i>Fresenius' Journal of Analytical Chemistry</i> , 1998, 362, 58-66.	1.5	15
240	Supercritical fluid extraction of phenol compounds from olive leaves. <i>Talanta</i> , 1998, 46, 1123-1130.	5.5	129
241	Sensitive determination of paraquat and diquat at the sub-ng ml <sup>-1</sup> level by continuous amperometric flow methods. <i>Analyst, The</i> , 1998, 123, 2383-2387.	3.5	16
242	Coupling Continuous Sample Treatment Systems to Capillary Electrophoresis. <i>Critical Reviews in Analytical Chemistry</i> , 1998, 28, 63-81.	3.5	33
243	A view of uncertainty at the bench analytical level. , 1998, , 152-157.		0
244	Simple and Rapid Screening of Total Aromatic Hydrocarbons in Polluted Water Samples By the Flow Reversal Liquid-Liquid Extraction Technique. <i>International Journal of Environmental Analytical Chemistry</i> , 1997, 66, 285-297.	3.3	4
245	Integrated Automatic Determination of Nitrate, Ammonium and Organic Carbon in Soil Samples. <i>Analyst, The</i> , 1997, 122, 309-313.	3.5	12
246	Mechanized Sample Workup Interfaced with Flow System in Flow-Reversal Mode for the Determination of Boric Acid in Adulterated Shellfish. <i>Analytical Chemistry</i> , 1997, 69, 91-94.	6.5	4
247	Simultaneous Automatic Determination of Trace Amounts of Copper and Cobalt by Use of a Flow-through Sensor and First-derivative Spectrometry. <i>Analyst, The</i> , 1997, 122, 85-88.	3.5	19
248	Flow injection capillary electrophoresis coupling to automate on-line sample treatment for the determination of inorganic ions in waters. <i>Journal of Chromatography A</i> , 1997, 791, 279-287.	3.7	73
249	Selective and rapid determination of biogenic amines by capillary zone electrophoresis. <i>Chromatographia</i> , 1997, 46, 170-176.	1.3	29
250	Teaching analytical properties. <i>Fresenius' Journal of Analytical Chemistry</i> , 1997, 357, 202-205.	1.5	6
251	Is traceability an exclusive property of analytical results? An extended approach to traceability in chemical analysis. <i>Fresenius' Journal of Analytical Chemistry</i> , 1997, 359, 473-475.	1.5	11
252	The analytical problem. <i>TrAC - Trends in Analytical Chemistry</i> , 1997, 16, 385-393.	11.4	31

#	ARTICLE	IF	CITATIONS
253	Quality compromises incorporated in simplex optimisation of a flow injection system. <i>Analytica Chimica Acta</i> , 1997, 348, 129-134.	5.4	12
254	A PVCâ€“graphite composite electrode for electroanalytical use. Preparation and some applications. <i>Analytica Chimica Acta</i> , 1997, 355, 23-32.	5.4	53
255	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. <i>Analyst, The</i> , 1996, 121, 1-6.	3.5	38
256	An automated flow-reversal injection/liquidâ€“liquid extraction approach to the direct determination of total free fatty acids in olive oils. <i>Analytica Chimica Acta</i> , 1996, 318, 187-194.	5.4	28
257	Direct Processing and Analysis of Solid and Other Complex Samples with Automatic Flow Injection Systems. <i>Critical Reviews in Analytical Chemistry</i> , 1996, 26, 239-260.	3.5	27
258	Automatic implementation of the method of standard additions in unsegmented flow systems. <i>Analytica Chimica Acta</i> , 1995, 308, 77-84.	5.4	10
259	Automatic testing of enzyme modifiers by the flow-gradient technique. <i>Analytica Chimica Acta</i> , 1995, 308, 152-158.	5.4	4
260	The evolution of quality in analytical chemistry journals. <i>TrAC - Trends in Analytical Chemistry</i> , 1995, 14, 94-100.	11.4	1
261	Automatic calibration for on-line process monitoring in continuous-flow systems. <i>Journal of Automated Methods and Management in Chemistry</i> , 1995, 17, 17-20.	0.3	1
262	Direct Determination of Trimethylamine in Fish in the Flow-Reversal Injection Mode Using a Gas Extraction Sampling Device. <i>Analytical Chemistry</i> , 1995, 67, 871-877.	6.5	20
263	Practicing Quality Control in a Bioanalytical Experiment. <i>Journal of Chemical Education</i> , 1995, 72, 947.	2.3	4
264	Perspective. Traceability in analytical chemistry. <i>Analyst, The</i> , 1995, 120, 2291-2297.	3.5	29
265	Assessment of quality of flow injection methods used in food analysis. A review. <i>Analyst, The</i> , 1995, 120, 2393-2400.	3.5	9
266	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. <i>Analyst, The</i> , 1995, 120, 2013-2018.	3.5	14
267	Automation and Quality in Analytical Laboratories. <i>Journal of AOAC INTERNATIONAL</i> , 1994, 77, 785-789.	1.5	0
268	Direct Determination of Nitrate and Nitrite in Soils by Use of a Hydrodynamic Injection Probe Based on Filtration-Dialysis Processes. <i>International Journal of Environmental Analytical Chemistry</i> , 1994, 57, 279-287.	3.3	2
269	Direct determination of ammonium in solid samples by automatic flow procedures. <i>Analytica Chimica Acta</i> , 1994, 293, 163-170.	5.4	10
270	Direct determination of the cation-exchange capacity of soils with automatic sample pretreatment in a flow system. <i>Analytica Chimica Acta</i> , 1994, 298, 387-392.	5.4	4



#	ARTICLE	IF	CITATIONS
271	Automatic study of selectivity by the flow-rate gradient technique. <i>Analytica Chimica Acta</i> , 1994, 289, 187-194.	5.4	3
272	Assessment of analytical quality in water analysis by flow injection methods. <i>TrAC - Trends in Analytical Chemistry</i> , 1994, 13, 409-414.	11.4	10
273	Analytical chemistry and quality. <i>TrAC - Trends in Analytical Chemistry</i> , 1994, 13, 17-23.	11.4	16
274	Continuous liquid-liquid extraction with on-line monitoring for the determination of anionic surfactants in waters. <i>Analyst, The</i> , 1994, 119, 2097-2100.	3.5	21
275	Analytical viewpoint. Representativeness of analytical results. <i>Analyst, The</i> , 1994, 119, 109-112.	3.5	24
276	Determination of dissolved oxygen by use of a spectrophotometric flow-through sensor. <i>Analytica Chimica Acta</i> , 1993, 284, 189-193.	5.4	16
277	Automatic determination of Michaelis-Menten constants by the variable flow-rate technique. <i>Analytica Chimica Acta</i> , 1993, 283, 429-438.	5.4	15
278	Automatic continuous-flow determination of paraquat at the subnanogram per millilitre level. <i>Analytica Chimica Acta</i> , 1993, 281, 103-109.	5.4	28
279	The hierarchy and relationships of analytical properties. <i>Analytical Chemistry</i> , 1993, 65, 781A-787A.	6.5	55
280	Continuous liquid-liquid extraction for preconcentration with on-line monitoring. <i>Analytical Chemistry</i> , 1993, 65, 2941-2943.	6.5	21
281	Rapid automated determination of constants of solubility product and critical micelle concentrations by the flow-rate gradient technique. <i>Talanta</i> , 1993, 40, 391-398.	5.5	4
282	Photochemical determination of ascorbic acid using unsegmented flow methods. <i>Analyst, The</i> , 1992, 117, 1761-1765.	3.5	26
283	Automated simultaneous determination of metal ions by use of variable flow rates in unsegmented systems. <i>Analyst, The</i> , 1992, 117, 1629-1633.	3.5	13
284	Automatic determination of physico-chemical parameters by the flow-rate gradient technique. <i>TrAC - Trends in Analytical Chemistry</i> , 1992, 11, 373-378.	11.4	7
285	Simultaneous determination of vanadium and lead in unsegmented flow systems of variable flow rate. <i>Fresenius' Journal of Analytical Chemistry</i> , 1992, 342, 76-79.	1.5	16
286	Continuous sample monitoring by flow reversal methodology. <i>Fresenius' Journal of Analytical Chemistry</i> , 1992, 342, 547-551.	1.5	8
287	Automatic titrations in unsegmented flow systems based on variable flow-rate patterns. <i>Analytica Chimica Acta</i> , 1992, 261, 489-494.	5.4	48
288	Automatic titrations in unsegmented flow systems based on variable flow-rate patterns. <i>Analytica Chimica Acta</i> , 1992, 261, 495-503.	5.4	25

#	ARTICLE	IF	CITATIONS
289	Automatic calibration and dilution in unsegmented flow systems. <i>Analytica Chimica Acta</i> , 1992, 264, 265-273.	5.4	13
290	Photochemicalâ€“spectrofluorimetric determination of phenothiazine compounds by unsegmented-flow methods. <i>Analyst, The</i> , 1991, 116, 171-176.	3.5	53
291	Simple unsegmented flow configurations for simultaneous kinetic determinations. <i>Talanta</i> , 1991, 38, 291-294.	5.5	10
292	Simultaneous flow-injection determination of chlorpromazine and promethazine by photochemical reaction. <i>Talanta</i> , 1991, 38, 1227-1233.	5.5	58
293	Determination of rate constants and reaction orders with an openâ€“closed flow-injection configuration. <i>Talanta</i> , 1991, 38, 125-132.	5.5	8
294	Exploiting the hydrodynamic aspects of continuous-flow systems. <i>Talanta</i> , 1991, 38, 1359-1368.	5.5	16
295	Integrated photochemical reaction/electrochemical detection in flow-injection systems: kinetic determination of oxalate. <i>Analytica Chimica Acta</i> , 1990, 234, 227-232.	5.4	29
296	Analytical potential of flow gradients in unsegmented flow systems. <i>Analytica Chimica Acta</i> , 1990, 239, 211-220.	5.4	32
297	Photometric determination of acidity constants by the flow gradient technique without pH measurements. <i>Analytical Chemistry</i> , 1990, 62, 2237-2241.	6.5	22
298	Use of photochemical reactions in flow injection: determination of oxalate in urine. <i>Analyst, The</i> , 1990, 115, 1549-1552.	3.5	30
299	Multiple peak recordings in flow injection analysis. <i>Analytica Chimica Acta</i> , 1989, 216, 275-288.	5.4	21
300	Analysis of gaseous samples by flow injection. <i>Analytica Chimica Acta</i> , 1989, 224, 127-132.	5.4	22
301	Kinetics of ion-pair extraction in continuous flow systems. <i>Analytica Chimica Acta</i> , 1989, 224, 169-184.	5.4	21
302	Sandwich standardization in flow-injection analysis. <i>Talanta</i> , 1989, 36, 612-614.	5.5	19
303	Simultaneous determination of phenolic compounds in water by normal and derivative flow injection/cyclic voltammetry. <i>Analytica Chimica Acta</i> , 1988, 214, 375-384.	5.4	29
304	Determination of glucose in alcoholic beverages by flow injection with two internally coupled injection valves and an enzyme reactor. <i>Analytica Chimica Acta</i> , 1988, 211, 281-285.	5.4	20
305	Analytical potential of flow-reversal injection analysis. <i>Analytical Chemistry</i> , 1988, 60, 1540-1545.	6.5	56
306	Configuration with internally coupled valves to overcome shortcomings in the simultaneous determination of nitrite and nitrate by flow-injection analysis. <i>Talanta</i> , 1988, 35, 810-812.	5.5	45

#	ARTICLE	IF	CITATIONS
307	Liquid-liquid extraction in continuous flow systems without phase separation. <i>Analytical Chemistry</i> , 1988, 60, 2354-2357.	6.5	87
308	Determination of pH, conductivity, residual chlorine and ammonium and nitrite ions in water with an unsegmented flow configuration. <i>Analyst, The</i> , 1988, 113, 739-742.	3.5	34
309	Determination of viscosity with an open-closed flow-injection system. <i>Talanta</i> , 1987, 34, 915-919.	5.5	10
310	Determination of analytical parameters in drinking water by flow injection analysis. Part 2. Simultaneous determination of calcium and magnesium. <i>Analyst, The</i> , 1987, 112, 267-270.	3.5	23
311	Electrochemical determination of sulfur dioxide in air samples in closed-loop flow injection system. <i>Analytical Chemistry</i> , 1987, 59, 666-670.	6.5	44
312	Determination of analytical parameters in drinking water by flow injection analysis. Part 1. Simultaneous determination of pH, alkalinity and total ionic concentration. <i>Analyst, The</i> , 1987, 112, 263-266.	3.5	19
313	Role of valves in non-segmented flow systems. <i>Journal of Automated Methods and Management in Chemistry</i> , 1987, 9, 30-36.	0.3	5
314	Multidetector flow-injection techniques for manipulation of sensitivity. <i>Analytica Chimica Acta</i> , 1987, 199, 15-27.	5.4	29
315	New configuration for construction of pH gradients in flow injection analysis. <i>Analytical Chemistry</i> , 1986, 58, 663-664.	6.5	44
316	Determination of vitamin C by flow injection analysis. <i>Analyst, The</i> , 1986, 111, 163-166.	3.5	37
317	Determination of vitamin C in urine by flow injection analysis. <i>Analyst, The</i> , 1986, 111, 167-169.	3.5	19
318	Flow-injection analysis with multidetector as a useful technique for metal speciation. <i>Talanta</i> , 1986, 33, 199-202.	5.5	25
319	Determination of reaction stoichiometries by flow injection analysis: A laboratory exercise. <i>Journal of Chemical Education</i> , 1986, 63, 552.	2.3	25
320	Automation of a flow-injection system for multispeciation. <i>Journal of Automated Methods and Management in Chemistry</i> , 1986, 8, 70-74.	0.3	15
321	Flow-injection configurations for chromium speciation with a single spectrophotometric detector. <i>Analytica Chimica Acta</i> , 1986, 186, 139-146.	5.4	36
322	Simultaneous flow-injection fluorimetric determination of ammonia and hydrazine with a novel mode of forming pH gradients. <i>Analytica Chimica Acta</i> , 1986, 187, 139-145.	5.4	31
323	Simultaneous multiwavelength detection in flow injection analysis. <i>Analytica Chimica Acta</i> , 1986, 179, 279-287.	5.4	47
324	Simultaneous determination by iterative spectrophotometric detection in a closed flow system. <i>Analytica Chimica Acta</i> , 1986, 179, 463-468.	5.4	32

#	ARTICLE	IF	CITATIONS
325	Flow injection analysis: A new approach to pharmaceutical determinations. Journal of Pharmaceutical and Biomedical Analysis, 1985, 3, 105-121.	2.8	25
326	Spectrophotometric determination of acidity-constants of unstable compounds by flow injection analysis. Analytica Chimica Acta, 1985, 171, 303-312.	5.4	8
327	Simultaneous and sequential determination of chromium(VI) and chromium(III) by unsegmented flow methods. Fresenius Zeitschrift für Analytische Chemie, 1985, 322, 499-502.	0.8	26
328	Fluorimetric determination of ammonia, hydrazine and hydroxylamine and their mixtures by differential kinetic methods. Fresenius Zeitschrift für Analytische Chemie, 1985, 320, 762-768.	0.8	20
329	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
330	Injection analysis with flow-gradient systems: a new approach to unsegmented flow techniques. Talanta, 1985, 32, 845-850.	5.5	17
331	Simultaneous kinetic determination of copper, cobalt and nickel by means of $\gamma$ -group interchange reactions. Talanta, 1985, 32, 851-858.	5.5	14
332	Multidetector in unsegmented flow systems with a single detector. Analytical Chemistry, 1985, 57, 1803-1809.	6.5	79
333	Spectrophotometric determination of cyanide by unsegmented flow methods. Talanta, 1984, 31, 673-678.	5.5	32
334	Kinetic-photometric determination of EDTA, zinc and bismuth by interchange reactions of $\beta$ -C=N groups. Analyst, The, 1984, 109, 1147-1150.	3.5	5
335	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
336	Homogeneous precipitation of palladium dimethylglyoximate by interchange reactions of C=N groups. Analyst, The, 1982, 107, 737-743.	3.5	7