

# Ángel RÃ-os

## List of Publications by Year in descending order

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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	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
2	Supercritical fluid extraction of phenol compounds from olive leaves. <i>Talanta</i> , 1998, 46, 1123-1130.	5.5	129
3	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
4	Recent advances in magnetic nanomaterials for improving analytical processes. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 84, 72-83.	11.4	115
5	Challenges of analytical microsystems. <i>TrAC - Trends in Analytical Chemistry</i> , 2006, 25, 467-479.	11.4	101
6	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
7	Enhancing sensitivity in capillary electrophoresis. <i>TrAC - Trends in Analytical Chemistry</i> , 2003, 22, 605-614.	11.4	93
8	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
9	Molecularly imprinted polymers for selective piezoelectric sensing of small molecules. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 54-65.	11.4	89
10	Liquid-liquid extraction in continuous flow systems without phase separation. <i>Analytical Chemistry</i> , 1988, 60, 2354-2357.	6.5	87
11	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
12	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
13	Selective extraction of astaxanthin from crustaceans by use of supercritical carbon dioxide. <i>Talanta</i> , 2004, 64, 726-731.	5.5	80
14	Multidetecion in unsegmented flow systems with a single detector. <i>Analytical Chemistry</i> , 1985, 57, 1803-1809.	6.5	79
15	Use of toxicity assays for enantiomeric discrimination of pharmaceutical substances. <i>Chirality</i> , 2009, 21, 751-759.	2.6	74
16	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
17	Rapid determination of trace levels of tetracyclines in surface water using a continuous flow manifold coupled to a capillary electrophoresis system. <i>Analytica Chimica Acta</i> , 2004, 517, 89-94.	5.4	71
18	Feedback Seeking Behavior in Language Learning: Basic Components and Motivational Antecedents. <i>Modern Language Journal</i> , 2019, 103, 205-226.	2.3	70

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19	Screening and analytical confirmation of sulfonamide residues in milk by capillary electrophoresis-mass spectrometry. <i>Electrophoresis</i> , 2005, 26, 1567-1575.	2.4	68
20	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
21	Quality assurance of qualitative analysis in the framework of the European project 'MEQUALAN'. <i>Accreditation and Quality Assurance</i> , 2003, 8, 68-77.	0.8	66
22	Screening of aflatoxins in feed samples using a flow system coupled to capillary electrophoresis. <i>Journal of Chromatography A</i> , 2002, 967, 303-314.	3.7	64
23	Direct automatic determination of biogenic amines in wine by flow injection-capillary electrophoresis-mass spectrometry. <i>Electrophoresis</i> , 2004, 25, 3427-3433.	2.4	64
24	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
25	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
26	Determination of nonsteroidal anti-inflammatory drugs in biological fluids by automatic on-line integration of solid-phase extraction and capillary electrophoresis. <i>Electrophoresis</i> , 2001, 22, 484-490.	2.4	61
27	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
28	Micro-electromechanical sensors in the analytical field. <i>Analyst</i> , 2009, 134, 1274.	3.5	59
29	Simultaneous flow-injection determination of chlorpromazine and promethazine by photochemical reaction. <i>Talanta</i> , 1991, 38, 1227-1233.	5.5	58
30	Hybrid nanoparticles based on magnetic multiwalled carbon nanotube-nanoC18SiO2 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
31	Analytical potential of flow-reversal injection analysis. <i>Analytical Chemistry</i> , 1988, 60, 1540-1545.	6.5	56
32	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
33	Analytical Nanoscience and Nanotechnology: Where we are and where we are heading. <i>Talanta</i> , 2018, 177, 104-121.	5.5	56
34	The hierarchy and relationships of analytical properties. <i>Analytical Chemistry</i> , 1993, 65, 781A-787A.	6.5	55
35	Determination of pesticides in waters by automatic on-line solid-phase extraction and capillary electrophoresis. <i>Journal of Chromatography A</i> , 2000, 866, 137-146.	3.7	55
36	Coupling continuous separation techniques to capillary electrophoresis. <i>Journal of Chromatography A</i> , 2001, 924, 3-30.	3.7	55

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37	Photochemicalâ€“spectrofluorimetric determination of phenothiazine compounds by unsegmented-flow methods. <i>Analyst, The</i> , 1991, 116, 171-176.	3.5	53
38	A PVCâ€“graphite composite electrode for electroanalytical use. Preparation and some applications. <i>Analytica Chimica Acta</i> , 1997, 355, 23-32.	5.4	53
39	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
40	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
41	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
42	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
43	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
44	New approach to the simultaneous determination of pollutants in waste waters by flow injection analysis. Part A. Anionic pollutants. <i>Analyst, The</i> , 1984, 109, 1487-1492.	3.5	49
45	Automatic titrations in unsegmented flow systems based on variable flow-rate patterns. <i>Analytica Chimica Acta</i> , 1992, 261, 489-494.	5.4	48
46	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
47	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
48	Simultaneous multiwavelength detection in flow injection analysis. <i>Analytica Chimica Acta</i> , 1986, 179, 279-287.	5.4	47
49	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
50	Inâ€“line liquidâ€“phase microextraction for selective enrichment and direct electrophoretic analysis of acidic drugs. <i>Electrophoresis</i> , 2007, 28, 3284-3289.	2.4	46
51	Î²-Cyclodextrin coated CdSe/ZnS quantum dots for vanillin sensing in food samples. <i>Talanta</i> , 2015, 131, 286-291.	5.5	46
52	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
53	New configuration for construction of pH gradients in flow injection analysis. <i>Analytical Chemistry</i> , 1986, 58, 663-664.	6.5	44
54	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

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55	Determination of nitrosamines in preserved sausages by solid-phase extractionâ€“micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2003, 985, 503-512.	3.7	44
56	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
57	A Method for Screening Total Mercury in Water Using a Flow Injection System with Piezoelectric Detection. <i>Analytical Chemistry</i> , 2002, 74, 921-925.	6.5	42
58	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
59	Analytical control of nanodelivery lipid-based systems for encapsulation of nutraceuticals: Achievements and challenges. <i>Trends in Food Science and Technology</i> , 2019, 90, 47-62.	15.1	42
60	On-line coupling of solid-phase microextraction to commercial CE-MS equipment. <i>Electrophoresis</i> , 2007, 28, 1312-1318.	2.4	41
61	Unreliability of screening methods. <i>Analytica Chimica Acta</i> , 2004, 516, 67-74.	5.4	40
62	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
63	Analytical metrology for nanomaterials: Present achievements and future challenges. <i>Analytica Chimica Acta</i> , 2019, 1059, 1-15.	5.4	39
64	Detection of Dopamine in Human Fluids Using N-Doped Carbon Dots. <i>ACS Applied Nano Materials</i> , 2020, 3, 8004-8011.	5.0	39
65	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
66	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
67	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
68	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
69	Determination of vitamin C by flow injection analysis. <i>Analyst, The</i> , 1986, 111, 163-166.	3.5	37
70	Determination of myo-inositol phosphates in food samples by flow injection-capillary zone electrophoresis. <i>Electrophoresis</i> , 2003, 24, 2092-2098.	2.4	37
71	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
72	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

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73	Flow-injection configurations for chromium speciation with a single spectrophotometric detector. <i>Analytica Chimica Acta</i> , 1986, 186, 139-146.	5.4	36
74	Rapid determination of aliphatic amines in water samples by pressure-assisted monolithic octadecylsilica capillary electrochromatography-mass spectrometry. <i>Electrophoresis</i> , 2004, 25, 3231-3236.	2.4	36
75	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
76	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
77	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
78	Automatic On-Line Coupling of Supercritical Fluid Extraction and Capillary Electrophoresis. <i>Analytical Chemistry</i> , 2000, 72, 5736-5739.	6.5	35
79	Screening and confirmation of PAHs in vegetable oil samples by use of supercritical fluid extraction in conjunction with liquid chromatography and fluorimetric detection. <i>Analytica Chimica Acta</i> , 2004, 525, 265-271.	5.4	35
80	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
81	Magnetic nanoparticlesâ€“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
82	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
83	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
84	Discrimination of penicillamine enantiomers using Î²-cyclodextrin modified CdSe/ZnS quantum dots. <i>Mikrochimica Acta</i> , 2017, 184, 815-824.	5.0	34
85	Coupling Continuous Sample Treatment Systems to Capillary Electrophoresis. <i>Critical Reviews in Analytical Chemistry</i> , 1998, 28, 63-81.	3.5	33
86	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
87	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
88	Spectrophotometric determination of cyanide by unsegmented flow methods. <i>Talanta</i> , 1984, 31, 673-678.	5.5	32
89	Simultaneous determination by iterative spectrophotometric detection in a closed flow system. <i>Analytica Chimica Acta</i> , 1986, 179, 463-468.	5.4	32
90	Analytical potential of flow gradients in unsegmented flow systems. <i>Analytica Chimica Acta</i> , 1990, 239, 211-220.	5.4	32

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91	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
92	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
93	Automatic sample preparation in commercial capillary-electrophoresis equipment. <i>TrAC - Trends in Analytical Chemistry</i> , 2006, 25, 968-976.	11.4	32
94	Microwave-assisted synthesis of water soluble thiol capped CdSe/ZnS quantum dots and its interaction with sulfonyleurea herbicides. <i>Journal of Colloid and Interface Science</i> , 2014, 428, 235-241.	9.4	32
95	Modern qualitative analysis by miniaturized and microfluidic systems. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 69, 105-113.	11.4	32
96	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
97	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
98	The analytical problem. <i>TrAC - Trends in Analytical Chemistry</i> , 1997, 16, 385-393.	11.4	31
99	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
100	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
101	Bioanalytical applications using supercritical fluid techniques. <i>Bioanalysis</i> , 2010, 2, 9-25.	1.5	31
102	Magnetic molecular imprint-based extraction of sulfonyleurea herbicides and their determination by capillary liquid chromatography. <i>Mikrochimica Acta</i> , 2013, 180, 363-370.	5.0	31
103	Quantum dot-modified paper-based assay for glucose screening. <i>Mikrochimica Acta</i> , 2016, 183, 611-616.	5.0	31
104	Use of photochemical reactions in flow injection: determination of oxalate in urine. <i>Analyst</i> , The, 1990, 115, 1549-1552.	3.5	30
105	Monitoring of Bacterial Contamination in Food Samples Using Capillary Zone Electrophoresis. <i>Analytical Chemistry</i> , 2004, 76, 3012-3017.	6.5	30
106	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
107	Sample preparation for micro total analytical systems ( $\mu$ -TASs). <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 43, 174-188.	11.4	30
108	Determination of vanillin by using gold nanoparticle-modified screen-printed carbon electrode modified with graphene quantum dots and Nafion. <i>Mikrochimica Acta</i> , 2018, 185, 204.	5.0	30

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109	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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 165, 141-146.	2.8	30
110	Multidetector flow-injection techniques for manipulation of sensitivity. <i>Analytica Chimica Acta</i> , 1987, 199, 15-27.	5.4	29
111	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
112	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
113	Perspective. Traceability in analytical chemistry. <i>Analyst, The</i> , 1995, 120, 2291-2297.	3.5	29
114	Selective and rapid determination of biogenic amines by capillary zone electrophoresis. <i>Chromatographia</i> , 1997, 46, 170-176.	1.3	29
115	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
116	State-of-the-Art of (Bio)Chemical Sensor Developments in Analytical Spanish Groups. <i>Sensors</i> , 2010, 10, 2511-2576.	3.8	29
117	Automatic continuous-flow determination of paraquat at the subnanogram per millilitre level. <i>Analytica Chimica Acta</i> , 1993, 281, 103-109.	5.4	28
118	An automated flow-reversal injection/liquid-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
119	Use of calixarene compounds as selectivity modifiers in capillary electrophoresis separations. <i>Journal of Chromatography A</i> , 1998, 816, 243-249.	3.7	28
120	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
121	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
122	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. <i>Analytica Chimica Acta</i> , 2019, 1053, 178-185.	5.4	28
123	New approach to the simultaneous determination of pollutants in waste waters by flow injection analysis. Part II. Cationic pollutants. <i>Analyst, The</i> , 1985, 110, 277-281.	3.5	27
124	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
125	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
126	Fast single run of vanilla fingerprint markers on microfluidic-electrochemistry chip for confirmation of common frauds. <i>Electrophoresis</i> , 2009, 30, 3413-3418.	2.4	27



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127	Determination of antidepressants in human urine extracted by magnetic multiwalled carbon nanotube poly(styrene-co-divinylbenzene) composites and separation by capillary electrophoresis. <i>Electrophoresis</i> , 2018, 39, 1808-1815.	2.4	27
128	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
129	Nanostructured hybrid surface enhancement Raman scattering substrate for the rapid determination of sulfapyridine in milk samples. <i>Talanta</i> , 2019, 194, 357-362.	5.5	27
130	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
131	Simultaneous and sequential determination of chromium(VI) and chromium(III) by unsegmented flow methods. <i>Fresenius Zeitschrift f�r Analytische Chemie</i> , 1985, 322, 499-502.	0.8	26
132	Photochemical determination of ascorbic acid using unsegmented flow methods. <i>Analyst, The</i> , 1992, 117, 1761-1765.	3.5	26
133	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
134	Supercritical fluid extraction as an online 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
135	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
136	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
137	Flow injection analysis: A new approach to pharmaceutical determinations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1985, 3, 105-121.	2.8	25
138	Flow-injection analysis with multidetection as a useful technique for metal speciation. <i>Talanta</i> , 1986, 33, 199-202.	5.5	25
139	Determination of reaction stoichiometries by flow injection analysis: A laboratory exercise. <i>Journal of Chemical Education</i> , 1986, 63, 552.	2.3	25
140	Automatic titrations in unsegmented flow systems based on variable flow-rate patterns. <i>Analytica Chimica Acta</i> , 1992, 261, 495-503.	5.4	25
141	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
142	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
143	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
144	Analytical viewpoint. Representativeness of analytical results. <i>Analyst, The</i> , 1994, 119, 109-112.	3.5	24

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145	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
146	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
147	Development of a new method for the determination of nitrosamines by micellar electrokinetic capillary chromatography. <i>Water Research</i> , 2003, 37, 3837-3842.	11.3	24
148	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
149	Development of an Aluminium Doped TiO <sub>2</sub> Nanoparticles-modified Screen Printed Carbon Electrode for Electrochemical Sensing of Vanillin in Food Samples. <i>Electroanalysis</i> , 2018, 30, 969-974.	2.9	24
150	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
151	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
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