

# Pilar Campã-ns-Falcã³

## List of Publications by Year in descending order

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252  
papers

5,869  
citations

94381

37  
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149623

56  
g-index

258  
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258  
docs citations

258  
times ranked

3962  
citing authors

#	ARTICLE	IF	CITATIONS
1	Peptide Metal-Organic Frameworks for Enantioselective Separation of Chiral Drugs. <i>Journal of the American Chemical Society</i> , 2017, 139, 4294-4297.	6.6	247
2	H-point standard additions method. Part 1. Fundamentals and application to analytical spectroscopy. <i>Analyst</i> , 1988, 113, 1011-1016.	1.7	171
3	A guide for selecting the most appropriate method for ammonium determination in water analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2006, 25, 282-290.	5.8	164
4	Recent advances of in-tube solid-phase microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 71, 205-213.	5.8	121
5	Column-switching techniques for high-performance liquid chromatography of drugs in biological samples. <i>Biomedical Applications</i> , 1993, 619, 177-190.	1.7	97
6	Magnetic In-Tube Solid Phase Microextraction. <i>Analytical Chemistry</i> , 2012, 84, 7233-7240.	3.2	87
7	A new tool for evaluating and/or selecting analytical methods: Summarizing the information in a hexagon. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 538-547.	5.8	86
8	Development of the H-point standard-additions method for ultraviolet-visible spectroscopic kinetic analysis of two-component systems. <i>Analytical Chemistry</i> , 1991, 63, 2424-2429.	3.2	76
9	Preconcentration of emerging contaminants in environmental water samples by using silica supported Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles for improving mass detection in capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2011, 1218, 2276-2283.	1.8	66
10	On-Line Derivatization into Precolumns for the Determination of Drugs by Liquid Chromatography and Column Switching: Determination of Amphetamines in Urine. <i>Analytical Chemistry</i> , 1996, 68, 734-739.	3.2	65
11	Silica supported Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles for magnetic solid-phase extraction and magnetic in-tube solid-phase microextraction: application to organophosphorous compounds. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 2211-2215.	1.9	61
12	Creatinine determination in urine samples by batchwise kinetic procedure and flow injection analysis using the Jaffé reaction: chemometric study. <i>Talanta</i> , 2001, 55, 1079-1089.	2.9	60
13	Preconcentration and dansylation of aliphatic amines using C18 solid-phase packings. <i>Journal of Chromatography A</i> , 2002, 978, 59-69.	1.8	58
14	An evaluation of solid phase microextraction for aliphatic amines using derivatization with 9-fluorenylmethyl chloroformate and liquid chromatography. <i>Journal of Chromatography A</i> , 2006, 1104, 40-46.	1.8	58
15	Analysis of 18 perfluorinated compounds in river waters: Comparison of high performance liquid chromatography-tandem mass spectrometry, ultra-high-performance liquid chromatography-tandem mass spectrometry and capillary liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1244, 88-97.	1.8	57
16	Evaluation and elimination of the "blank bias error" using the H-point standard addition method. <i>Analytica Chimica Acta</i> , 1992, 270, 253-265.	2.6	56
17	New micromethod combining miniaturized matrix solid-phase dispersion and in-tube in-valve solid-phase microextraction for estimating polycyclic aromatic hydrocarbons in bivalves. <i>Journal of Chromatography A</i> , 2008, 1211, 13-21.	1.8	54
18	Improved detection limit for ammonium/ammonia achieved by Berthelot's reaction by use of solid-phase extraction coupled to diffuse reflectance spectroscopy. <i>Analytica Chimica Acta</i> , 2005, 534, 327-334.	2.6	53

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19	Generalized H-point standard additions method for analyte determinations in unknown samples. <i>Analytica Chimica Acta</i> , 1995, 302, 323-333.	2.6	51
20	Application of solid-phase microextraction combined with derivatization to the determination of amphetamines by liquid chromatography. <i>Analytical Biochemistry</i> , 2004, 333, 328-335.	1.1	51
21	Urine polyamines determination using dansyl chloride derivatization in solid-phase extraction cartridges and HPLC. <i>Analyst</i> , The, 1999, 124, 477-482.	1.7	50
22	Solid phase extraction of amines. <i>Analytica Chimica Acta</i> , 2005, 546, 206-220.	2.6	48
23	Miniaturized matrix solid phase dispersion procedure and solid phase microextraction for the analysis of organochlorinated pesticides and polybrominated diphenylethers in biota samples by gas chromatography electron capture detection. <i>Journal of Chromatography A</i> , 2009, 1216, 6741-6745.	1.8	48
24	Study of the behaviour of the absorbent blanks in analytical procedures by using the H-Point standard additions method (HPSAM). <i>Talanta</i> , 1994, 41, 39-52.	2.9	47
25	On-fibre solid-phase microextraction coupled to conventional liquid chromatography versus in-tube solid-phase microextraction coupled to capillary liquid chromatography for the screening analysis of triazines in water samples. <i>Journal of Chromatography A</i> , 2006, 1125, 159-171.	1.8	47
26	Overview of the three multicriteria approaches applied to a global assessment of analytical methods. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 133, 116065.	5.8	47
27	Column-switching techniques for screening of diuretics and probenecid in urine samples. <i>Analytical Chemistry</i> , 1994, 66, 244-248.	3.2	46
28	Automatic in-tube SPME and fast liquid chromatography: A cost-effective method for the estimation of dibutyl and di-2-ethylhexyl phthalates in environmental water samples. <i>Analytica Chimica Acta</i> , 2008, 610, 268-273.	2.6	46
29	In-tube solid-phase microextraction coupled by in valve mode to capillary LC-DAD: Improving detectability to multiresidue organic pollutants analysis in several whole waters. <i>Journal of Chromatography A</i> , 2010, 1217, 2695-2702.	1.8	46
30	In Situ Colorimetric Quantification of Silver Cations in the Presence of Silver Nanoparticles. <i>Analytical Chemistry</i> , 2013, 85, 10013-10016.	3.2	45
31	In-tube solid-phase microextraction-capillary liquid chromatography as a solution for the screening analysis of organophosphorus pesticides in untreated environmental water samples. <i>Journal of Chromatography A</i> , 2007, 1141, 10-21.	1.8	44
32	Sensitive and Selective Plasmonic Assay for Spermine as Biomarker in Human Urine. <i>Analytical Chemistry</i> , 2014, 86, 1347-1351.	3.2	43
33	Spectrophotometric analysis of mixtures of two components with extensively or completely overlapping spectra by the H-point standard additions method. <i>Fresenius' Journal of Analytical Chemistry</i> , 1990, 338, 16-21.	1.5	40
34	Chromatographic separation of chlorthalidone enantiomers using $\beta$ -cyclodextrins as chiral additives. <i>Biomedical Applications</i> , 2000, 740, 169-177.	1.7	40
35	Comparison of several methods used for the determination of cephalosporins. Analysis of cephalixin in pharmaceutical samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 29, 405-423.	1.4	40
36	Solid-Phase Extraction Techniques for Assay of Diuretics in Human Urine Samples. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1991, 14, 3575-3590.	0.9	39

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37	Application of solid-phase microextraction combined with derivatization to the enantiomeric determination of amphetamines. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 40, 1209-1217.	1.4	38
38	Amphetamine and methamphetamine determination in urine by reversed-phase high-performance liquid chromatography with simultaneous sample clean-up and derivatization with naphthoquinone 4-sulphonate on solid-phase cartridges. <i>Biomedical Applications</i> , 1996, 687, 239-246.	1.7	37
39	Chiral separation of ephedrines by liquid chromatography using $\beta$ -cyclodextrins. <i>Analytica Chimica Acta</i> , 2001, 434, 315-324.	2.6	36
40	Sensitive determination of aliphatic amines in water by high-performance liquid chromatography with chemiluminescence detection. <i>Journal of Chromatography A</i> , 2004, 1035, 75-82.	1.8	36
41	Improving detection limits for organotin compounds in several matrix water samples by derivatization-headspace-solid-phase microextraction and GC-MS. <i>Talanta</i> , 2010, 80, 1888-1893.	2.9	36
42	New optical paper sensor for in situ measurement of hydrogen sulphide in waters and atmospheres. <i>Talanta</i> , 2016, 156-157, 79-86.	2.9	36
43	H-Point standard additions method for resolution of binary mixtures with simultaneous addition of both analytes. <i>Analytica Chimica Acta</i> , 1995, 315, 267-278.	2.6	35
44	Determination of ammonia and primary amine compounds and Kjeldahl nitrogen in water samples with a modified Roth's fluorimetric method. <i>Talanta</i> , 2005, 65, 869-875.	2.9	35
45	A new selective method for dimethylamine in water analysis by liquid chromatography using solid-phase microextraction and two-stage derivatization with <i>p</i> -phthalaldehyde and 9-fluorenylmethyl chloroformate. <i>Talanta</i> , 2005, 66, 1139-1145.	2.9	35
46	Advantages of monolithic over particulate columns for multiresidue analysis of organic pollutants by in-tube solid-phase microextraction coupled to capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2011, 1218, 6256-6262.	1.8	35
47	On-line analysis of carbonyl compounds with derivatization in aqueous extracts of atmospheric particulate PM10 by in-tube solid-phase microextraction coupled to capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2011, 1218, 4834-4839.	1.8	35
48	A solid colorimetric sensor for the analysis of amphetamine-like street samples. <i>Analytica Chimica Acta</i> , 2016, 943, 123-130.	2.6	35
49	In tube-solid phase microextraction-nano liquid chromatography: Application to the determination of intact and degraded polar triazines in waters and recovered struvite. <i>Journal of Chromatography A</i> , 2017, 1513, 51-58.	1.8	35
50	Development of the H-point standard additions method for coupled liquid chromatography and UV-visible spectrophotometry. <i>Analytica Chimica Acta</i> , 1992, 257, 89-98.	2.6	34
51	Determination of amphetamine and related compounds in urine using on-line derivatization in octadecyl silica columns with 9-fluorenylmethyl chloroformate and liquid chromatography. <i>Biomedical Applications</i> , 1996, 679, 69-78.	1.7	34
52	Comparative study of the determination of trimethylamine in water and air by combining liquid chromatography and solid-phase microextraction with on-fiber derivatization. <i>Talanta</i> , 2006, 69, 716-723.	2.9	34
53	Adsorbent phases with nanomaterials for in-tube solid-phase microextraction coupled on-line to liquid nanochromatography. <i>Journal of Chromatography A</i> , 2016, 1432, 17-25.	1.8	34
54	Development of the H-point standard additions method for the use of spectrofluorimetry and synchronous spectrofluorimetry. <i>Analyst</i> , 1994, 119, 2123-2127.	1.7	33

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55	Ammonium Determination in Water Samples by Using Opa-Nac Reagent: A Comparative Study with Nessler and Ammonium Selective Electrode Methods. <i>International Journal of Environmental Analytical Chemistry</i> , 2002, 82, 475-489.	1.8	33
56	Liquid chromatographic determination of aliphatic amines in water using solid support assisted derivatization with 9-fluorenylmethyl chloroformate. <i>Chromatographia</i> , 2002, 55, 129-134.	0.7	33
57	Liquid Chromatographic Analysis of Amphetamine and Related Compounds in Urine Using Solid-Phase Extraction and 3,5-Dinitrobenzoyl Chloride for Derivatization. <i>Journal of Chromatographic Science</i> , 1997, 35, 169-175.	0.7	32
58	Strategies for the enantiomeric determination of amphetamine and related compounds by liquid chromatography. <i>Journal of Proteomics</i> , 2002, 54, 147-167.	2.4	32
59	Nylon-Supported Plasmonic Assay Based on the Aggregation of Silver Nanoparticles: In Situ Determination of Hydrogen Sulfide-like Compounds in Breath Samples as a Proof of Concept. <i>ACS Sensors</i> , 2019, 4, 2164-2172.	4.0	31
60	Development of the H-point standard additions method for analyte determinations in unknown matrix. <i>Analytica Chimica Acta</i> , 1993, 283, 831-844.	2.6	30
61	Multiresidue analysis of organic pollutants by in-tube solid phase microextraction coupled to ultra-high performance liquid chromatography-electrospray-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1306, 1-11.	1.8	30
62	Improved amphetamine and methamphetamine determination in urine by normal-phase high-performance liquid chromatography with sodium 1,2-naphthoquinone 4-sulphonate as derivatizing agent and solid-phase extraction for sample clean-up. <i>Biomedical Applications</i> , 1995, 663, 235-245.	1.7	29
63	A new derivatization procedure for the determination of cephalexin with 1,2-naphthoquinone 4-sulphonate in pharmaceutical and urine samples using solid-phase extraction cartridges and UV-visible detection. <i>Analytica Chimica Acta</i> , 1998, 370, 115-123.	2.6	29
64	Chiral determination of amphetamine and related compounds using chloroformates for derivatization and high-performance liquid chromatography. <i>Analyst, The</i> , 1998, 123, 2131-2137.	1.7	29
65	Derivatization of amines in solid-phase extraction supports with 9-fluorenylmethyl chloroformate for liquid chromatography. <i>Analytica Chimica Acta</i> , 1997, 344, 125-136.	2.6	28
66	Determination of aliphatic amines in water by liquid chromatography using solid-phase extraction cartridges for preconcentration and derivatization. <i>Analyst, The</i> , 2001, 126, 1683-1688.	1.7	28
67	Analysis of methylamine by solid-phase microextraction and HPLC after on-fibre derivatization with 9-fluorenylmethyl chloroformate. <i>Analytica Chimica Acta</i> , 2004, 513, 425-433.	2.6	28
68	On-line determination of aliphatic amines in water using in-tube solid-phase microextraction-assisted derivatisation in in-valve mode for processing large sample volumes in LC. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 557-565.	1.9	28
69	Evaluation of Superparamagnetic Silica Nanoparticles for Extraction of Triazines in Magnetic in-Tube Solid Phase Microextraction Coupled to Capillary Liquid Chromatography. <i>Nanomaterials</i> , 2014, 4, 242-255.	1.9	28
70	Analysis of polar triazines and degradation products in waters by in-tube solid-phase microextraction and capillary chromatography: an environmentally friendly method. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1485-1497.	1.9	28
71	Analysis of Contact Traces of Cannabis by In-Tube Solid-Phase Microextraction Coupled to Nanoliquid Chromatography. <i>Molecules</i> , 2018, 23, 2359.	1.7	28
72	Application of the H-point standard additions method by using absorbance increment values as analytical signals. <i>Talanta</i> , 1992, 39, 1-7.	2.9	27

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73	Extractive-spectrophotometric determination of amphetamine in urine samples with sodium 1,2-naphthoquinone 4-sulphonate. <i>Analytica Chimica Acta</i> , 1993, 283, 635-644.	2.6	27
74	Liquid chromatographic determination of trimethylamine in water. <i>Journal of Chromatography A</i> , 2004, 1023, 27-31.	1.8	27
75	Selective determination of ammonium in water based on HPLC and chemiluminescence detection. <i>Analytica Chimica Acta</i> , 2005, 536, 121-127.	2.6	27
76	Sensitive determination of methylenedioxyated amphetamines by liquid chromatography. <i>Analyst, The</i> , 2001, 126, 581-586.	1.7	26
77	Amphetamine and Methamphetamine Determinations in Biological Samples by High Performance Liquid Chromatography. A Review. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1994, 17, 731-747.	0.9	25
78	Automated on-line in-tube solid-phase microextraction-assisted derivatization coupled to liquid chromatography for quantifying residual dimethylamine in cationic polymers. <i>Journal of Chromatography A</i> , 2008, 1188, 118-123.	1.8	25
79	Determination of carbonyl compounds in particulate matter PM2.5 by in-tube solid-phase microextraction coupled to capillary liquid chromatography/mass spectrometry. <i>Talanta</i> , 2013, 115, 876-880.	2.9	25
80	Estimation of the presence of unmetabolized dialkyl phthalates in untreated human urine by an on-line miniaturized reliable method. <i>Science of the Total Environment</i> , 2015, 532, 239-244.	3.9	25
81	Application of Carbon Nanotubes Modified Coatings for the Determination of Amphetamines by In-Tube Solid-Phase Microextraction and Capillary Liquid Chromatography. <i>Separations</i> , 2016, 3, 7.	1.1	25
82	Quantitative study of the capture of silver nanoparticles by several kinds of soils. <i>Science of the Total Environment</i> , 2018, 630, 1226-1236.	3.9	25
83	Improved detection limits for screening of diuretics by coupled liquid chromatography and ultraviolet-visible spectrophotometry. <i>Biomedical Applications</i> , 1993, 612, 245-251.	1.7	24
84	Amphetamine and methamphetamine determination in urine by reversed-phase high-performance liquid chromatography with sodium 1,2-naphthoquinone 4-sulfonate as derivatizing agent and solid-phase extraction for sample clean-up. <i>Biomedical Applications</i> , 1995, 672, 81-88.	1.7	24
85	The H-point and generalized H-point standard additions methods for flow injection procedures. <i>Talanta</i> , 1998, 47, 193-202.	2.9	24
86	An in-tube SPME device for the selective determination of chlorophyll a in aquatic systems. <i>Talanta</i> , 2010, 82, 952-956.	2.9	24
87	A miniaturized method for estimating di(2-ethylhexyl) phthalate in bivalves as bioindicators. <i>Journal of Chromatography A</i> , 2012, 1260, 169-173.	1.8	24
88	Designing solid optical sensors for in situ passive discrimination of volatile amines based on a new one-step hydrophilic PDMS preparation. <i>Sensors and Actuators B: Chemical</i> , 2016, 223, 333-342.	4.0	24
89	A passive solid sensor for in-situ colorimetric estimation of the presence of ketamine in illicit drug samples. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 1137-1144.	4.0	24
90	Automated determination of amphetamine enantiomers using a two-dimensional column-switching chromatographic system for derivatization and separation. <i>Analyst, The</i> , 1998, 123, 319-324.	1.7	23

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91	Derivatization of ephedrine with o-phthaldialdehyde for liquid chromatography after treatment with sodium hypochlorite. <i>Journal of Chromatography A</i> , 2000, 893, 69-80.	1.8	23
92	Analysis of primary aliphatic short-chain monoamines by LC in water samples. <i>Talanta</i> , 2004, 62, 373-382.	2.9	23
93	Miniaturized liquid chromatography coupled on-line to in-tube solid-phase microextraction for characterization of metallic nanoparticles using plasmonic measurements. A tutorial. <i>Analytica Chimica Acta</i> , 2019, 1045, 23-41.	2.6	23
94	Innovations in Extractive Phases for In-Tube Solid-Phase Microextraction Coupled to Miniaturized Liquid Chromatography: A Critical Review. <i>Molecules</i> , 2020, 25, 2460.	1.7	23
95	Derivatization of Amphetamine and Methamphetamine With 1,2-Naphthoquinone 4-Sulfonic Acid Into Solid-phase Extraction Cartridges. Determination of Amphetamine in Pharmaceutical and Urine Samples. <i>Analyst</i> , 1997, 122, 673-677.	1.7	22
96	o-Phthalaldehyde-N-acetylcysteine polyamine derivatives: formation and stability in solution and in C18 supports. <i>Biomedical Applications</i> , 2001, 759, 285-297.	1.7	22
97	Colorimetric biosensing dispositive based on reagentless hybrid biocomposite: Application to hydrogen peroxide determination. <i>Sensors and Actuators B: Chemical</i> , 2016, 231, 837-846.	4.0	22
98	Determination of amphetamine and methamphetamine in urine with sodium 1,2-naphthoquinone 4-sulphonate using the H-point standard addition method. <i>Analytica Chimica Acta</i> , 1994, 287, 41-48.	2.6	21
99	Extractive-Spectrophotometric Determination of Furosemide with Sodium 1,2-Naphthoquinone-4-Sulphonate in Pharmaceutical Formulations.. <i>Analytical Letters</i> , 1997, 30, 91-107.	1.0	21
100	Comparative study on the determination of cephalexin in its dosage forms by spectrophotometry and HPLC with UV-vis detection. <i>Mikrochimica Acta</i> , 1997, 126, 207-215.	2.5	21
101	A new flow cell design for chemiluminescence analysis. <i>Talanta</i> , 2001, 55, 403-413.	2.9	21
102	lon-pair in-tube solid-phase microextraction and capillary liquid chromatography using a titania-based column: Application to the specific lauralkonium chloride determination in water. <i>Journal of Chromatography A</i> , 2012, 1248, 55-59.	1.8	21
103	On-line in-tube solid phase microextraction-capillary liquid chromatography method for monitoring degradation products of di-(2-ethylhexyl) phthalate in waters. <i>Journal of Chromatography A</i> , 2014, 1347, 157-160.	1.8	21
104	Determination of meropenem in endotracheal tubes by in-tube solid phase microextraction coupled to capillary liquid chromatography with diode array detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 151, 170-177.	1.4	21
105	Colorimetric determination of alcohols in spirit drinks using a reversible solid sensor. <i>Food Control</i> , 2018, 94, 7-16.	2.8	21
106	On-line in-tube solid phase microextraction coupled to capillary liquid chromatography-diode array detection for the analysis of caffeine and its metabolites in small amounts of biological samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 178, 112914.	1.4	21
107	Estimation of diuretic drugs in biological fluids by HPLC. <i>Chromatographia</i> , 1992, 33, 177-185.	0.7	20
108	Off-line dansylation of amines using C18 solid-phase packings: study of the fluorescence and chemiluminescence detection by post-column derivatization with oxalic acid bis(2, 4, 6-trichloro) Tj ETQq0 0 0 rgBT <sub>2</sub> /Overlock <sub>10</sub> Tf 50 6	2.6	20
	<i>Analytica Chimica Acta</i> , 1999, 378, 83-93.		

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109	H-Point Curve Isolation Method for Coupled Liquid Chromatography and UV-Visible Spectrophotometry. <i>Analytical Chemistry</i> , 2000, 72, 2559-2565.	3.2	20
110	Study of the influence of temperature and precipitations on the levels of BTEX in natural waters. <i>Journal of Hazardous Materials</i> , 2013, 263, 131-138.	6.5	20
111	A cost-effective method for estimating di(2-ethylhexyl)phthalate in coastal sediments. <i>Journal of Chromatography A</i> , 2014, 1324, 57-62.	1.8	20
112	Selective and sensitive method based on capillary liquid chromatography with in-tube solid phase microextraction for determination of monochloramine in water. <i>Journal of Chromatography A</i> , 2015, 1388, 17-23.	1.8	20
113	Towards sarcosine determination in urine for prostatic carcinoma detection. <i>Sensors and Actuators B: Chemical</i> , 2019, 287, 380-389.	4.0	20
114	Analysis of Diuretics in Urine by Column-Switching Chromatography and Fluorescence Detection. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1997, 20, 1867-1885.	0.5	19
115	Zein as biodegradable material for effective delivery of alkaline phosphatase and substrates in biokits and biosensors. <i>Biosensors and Bioelectronics</i> , 2016, 86, 14-19.	5.3	19
116	Determination of amphetamines in hair by integrating sample disruption, clean-up and solid phase derivatization. <i>Journal of Chromatography A</i> , 2016, 1447, 47-56.	1.8	18
117	A sustainable on-line CapLC method for quantifying antifouling agents like irgarol-1051 and diuron in water samples: Estimation of the carbon footprint. <i>Science of the Total Environment</i> , 2016, 569-570, 611-618.	3.9	18
118	Automated trace enrichment for screening and/or determination of primary, secondary and tertiary amphetamines in biological samples by liquid chromatography. <i>Analyst</i> , 1999, 124, 239-244.	1.7	17
119	Selective determination of trimethylamine in air by liquid chromatography using solid phase extraction cartridges for sampling. <i>Journal of Chromatography A</i> , 2004, 1042, 219-223.	1.8	17
120	A method for the determination of dimethylamine in air by collection on solid support sorbent with subsequent derivatization and spectrophotometric analysis. <i>Journal of Chromatography A</i> , 2004, 1059, 17-24.	1.8	17
121	Collaborative study of an liquid chromatographic method for the determination of R-timolol and other related substances in S-timolol maleate. <i>Analytica Chimica Acta</i> , 2005, 546, 182-192.	2.6	17
122	In-Tube Solid-Phase Microextraction and Liquid Chromatography Using a Monolithic Column for the Selective Determination of Residual Ethylenediamine in Industrial Cationic Polymers. <i>Analytical Chemistry</i> , 2009, 81, 5827-5832.	3.2	17
123	A direct Capillary Liquid Chromatography with electrochemical detection method for determination of phenols in water samples. <i>Journal of Chromatography A</i> , 2010, 1217, 7926-7930.	1.8	17
124	Development of a polydimethylsiloxane-thymol/nitroprusside composite based sensor involving thymol derivatization for ammonium monitoring in water samples. <i>Science of the Total Environment</i> , 2015, 503-504, 105-112.	3.9	17
125	Footprint of carbonyl compounds in hand scent by in-tube solid-phase microextraction coupled to nano-liquid chromatography/diode array detection. <i>Journal of Chromatography A</i> , 2019, 1596, 241-249.	1.8	17
126	Exploring hand-portable nano-liquid chromatography for in place water analysis: Determination of trimethylxanthines as a use case. <i>Science of the Total Environment</i> , 2020, 747, 140966.	3.9	17



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127	Kinetic and chemometric studies of the determination of creatinine using the JaffÃ© reaction. Part I. Kinetics of the reaction: analytical conclusions. <i>Analyst, The</i> , 1989, 114, 597-602.	1.7	16
128	Determination of acetazolamide in human urine samples by reversed-phase high-performance liquid chromatography in the presence of xanthines. <i>Biomedical Applications</i> , 1992, 582, 181-187.	1.7	16
129	Evaluation and elimination of the blank bias error using the H-point standard additions method (HPSAM) in the simultaneous spectrophotometric determination of two analytes. <i>Analytica Chimica Acta</i> , 1997, 348, 39-49.	2.6	16
130	Automated pre-column derivatization of amines in biological samples with dansyl chloride and with or without post-column chemiluminescence formation by using TCPO+H <sub>2</sub> O <sub>2</sub> . <i>Analyst, The</i> , 1998, 123, 2871-2876.	1.7	16
131	Analyser of chromium and/or cobalt. <i>Analytica Chimica Acta</i> , 2003, 488, 243-254.	2.6	16
132	New silica based adsorbent material from rice straw and its in-flow application to nitrate reduction in waters: Process sustainability and scale-up possibilities. <i>Science of the Total Environment</i> , 2022, 805, 150317.	3.9	16
133	Fl automatic method for the determination of copper(II) based on coproporphyrin III/Cu(II)/TCPO/H <sub>2</sub> O <sub>2</sub> chemiluminescence reaction for the screening of waters. <i>Talanta</i> , 2004, 64, 1030-1035.	2.9	15
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