

# Pilar Campã-ns-Falcã³

## List of Publications by Year in descending order

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252  
papers

5,869  
citations

94381

37  
h-index

149623

56  
g-index

258  
all docs

258  
docs citations

258  
times ranked

3962  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Combining high performance thin layer chromatography with minispectrometer-fiber optic probe-coupled to smartphone for in place analysis: Lactose quantification in several matrices. <i>Journal of Chromatography A</i> , 2022, 1661, 462694.	1.8	5
3	Determination of caffeine in dietary supplements by miniaturized portable liquid chromatography. <i>Journal of Chromatography A</i> , 2022, 1664, 462770.	1.8	6
4	Improving Sustainability of the Griess Reaction by Reagent Stabilization on PDMS Membranes and ZnNPs as Reductor of Nitrates: Application to Different Water Samples. <i>Polymers</i> , 2022, 14, 464.	2.0	6
5	Plasmonic sensor for hydrogen sulphide in saliva: Multisensor platform and bag format. <i>Talanta</i> , 2022, 245, 123449.	2.9	10
6	Life after death: a physicochemical study of materials used by the ancient Maya in human bone ointments. <i>Archaeological and Anthropological Sciences</i> , 2022, 14, 1.	0.7	2
7	Towards in field miniaturized liquid chromatography: Biocides in wastewater as a proof of concept. <i>Journal of Chromatography A</i> , 2022, 1673, 463119.	1.8	5
8	Color study of historic silks. <i>Ge-Conservacion</i> , 2022, 21, 246-256.	0.1	0
9	Ionic-liquid doped polymeric composite as passive colorimetric sensor for meat freshness as a use case. <i>Talanta</i> , 2021, 223, 121778.	2.9	10
10	Scaling the Analytical Information Given by Several Types of Colorimetric and Spectroscopic Instruments Including Smartphones: Rules for Their Use and Establishing Figures of Merit of Solid Chemosensors. <i>Analytical Chemistry</i> , 2021, 93, 6043-6052.	3.2	10
11	Study of the Stability of Citrate Capped AgNPs in Several Environmental Water Matrices by Asymmetrical Flow Field Flow Fractionation. <i>Nanomaterials</i> , 2021, 11, 926.	1.9	11
12	Capillary Liquid Chromatography for the Determination of Terpenes in Botanical Dietary Supplements. <i>Pharmaceuticals</i> , 2021, 14, 580.	1.7	3
13	NQS-Doped PDMS Solid Sensor: From Water Matrix to Urine Enzymatic Application. <i>Biosensors</i> , 2021, 11, 186.	2.3	3
14	Corneal Biomechanical Parameters and Central Corneal Thickness in Glaucoma Patients, Glaucoma Suspects, and a Healthy Population. <i>Journal of Clinical Medicine</i> , 2021, 10, 2637.	1.0	8
15	In-tube solid phase microextraction coupled to miniaturized liquid chromatography for both, noble metal nanoparticle assessment and sensitive plasmonic assay development. <i>Analytica Chimica Acta</i> , 2021, 1171, 338665.	2.6	3
16	Scopolamine analysis in beverages: Bicolorimetric device vs portable nano liquid chromatography. <i>Talanta</i> , 2021, 232, 122406.	2.9	12
17	Luminol Doped Silica-Polymer Sensor for Portable Organic Amino Nitrogen and Ammonium Determination in Water. <i>Separations</i> , 2021, 8, 149.	1.1	1
18	Fast blue B functionalized silica-polymer composite to evaluate 3,5-dihydroxyhydrocinnamic acid as biomarker of gluten intake. <i>Sensors and Actuators B: Chemical</i> , 2021, 345, 130333.	4.0	3

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19	A Colorimetric Membrane-Based Sensor with Improved Selectivity towards Amphetamine. <i>Molecules</i> , 2021, 26, 6713.	1.7	2
20	Characterization and Quantitation of Carbon Black Nanomaterials in Polymeric and Biological Aqueous Dispersants by Asymmetrical Flow Field Flow Fractionation. <i>ACS Omega</i> , 2021, 6, 31822-31830.	1.6	5
21	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
22	Bimodal copper oxide nanoparticles doped phase for the extraction of highly polar compounds by in-tube solid-phase microextraction coupled on-line to nano-liquid chromatography. <i>Journal of Chromatography A</i> , 2020, 1617, 460819.	1.8	14
23	In-tube solid-phase microextraction. , 2020, , 387-427.		5
24	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
25	Rapid evaluation of ammonium in different rain events minimizing needed volume by a cost-effective and sustainable PDMS supported solid sensor. <i>Environmental Pollution</i> , 2020, 265, 114911.	3.7	8
26	New results in ancient Maya rituals researches: The study of human painted bones fragments from Calakmul archaeological site (Mexico). <i>Journal of Archaeological Science: Reports</i> , 2020, 32, 102418.	0.2	9
27	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
28	Aqueous Dilution of Noble NPs Bulk Dispersions: Modeling Instability due to Dissolution by AF4 and Stablishing Considerations for Plasmonic Assays. <i>Nanomaterials</i> , 2020, 10, 1802.	1.9	7
29	Portable solid sensor supported in nylon for silver ion determination: testing its liberation as biocide. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 4393-4402.	1.9	1
30	Minimizing the impact of sample preparation on analytical results: In-tube solid-phase microextraction coupled on-line to nano-liquid chromatography for the monitoring of tribenuron methyl in environmental waters. <i>Science of the Total Environment</i> , 2020, 721, 137732.	3.9	15
31	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
32	New Reusable Solid Biosensor with Covalent Immobilization of the Horseradish Peroxidase Enzyme: In Situ Liberation Studies of Hydrogen Peroxide by Portable Chemiluminescent Determination. <i>ACS Omega</i> , 2020, 5, 2419-2427.	1.6	13
33	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
34	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
35	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
36	Establishing the occurrence and profile of polycyclic aromatic hydrocarbons in marine sediments: The eastern Mediterranean coast of Spain as a case study. <i>Marine Pollution Bulletin</i> , 2019, 142, 206-215.	2.3	3

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37	Stabilization of formaldehyde into polydimethylsiloxane composite: application to the in situ determination of illicit drugs. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 2141-2148.	1.9	10
38	Exploring New Extractive Phases for In-Tube Solid Phase Microextraction Coupled to Miniaturized Liquid Chromatography. <i>Separations</i> , 2019, 6, 12.	1.1	11
39	Estimating Diphenylamine in Gunshot Residues from a New Tool for Identifying both Inorganic and Organic Residues in the Same Sample. <i>Separations</i> , 2019, 6, 16.	1.1	11
40	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
41	Quantifying both ammonium and proline in wines and beer by using a PDMS composite for sensing. <i>Talanta</i> , 2019, 198, 371-376.	2.9	7
42	In Situ Analysis Devices for Estimating the Environmental Footprint in Beverages Industry. , 2019, , 275-317.		5
43	Towards sarcosine determination in urine for prostatic carcinoma detection. <i>Sensors and Actuators B: Chemical</i> , 2019, 287, 380-389.	4.0	20
44	Quantitative Analysis of Terpenic Compounds in Microsamples of Resins by Capillary Liquid Chromatography. <i>Molecules</i> , 2019, 24, 4068.	1.7	6
45	Modifying the reactivity of copper (II) by its encapsulation into polydimethylsiloxane: A selective sensor for ephedrine-like compounds. <i>Talanta</i> , 2019, 196, 300-308.	2.9	6
46	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
47	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
48	Cotton swabs supported in-situ assay for quaternary ammonium compounds residues in effluents and surfaces. <i>Food Control</i> , 2018, 84, 419-428.	2.8	6
49	New Calibration Model: Combining Integrated Calibration Method and H-point Standard Addition Method to Detect and Avoid Interference Effects. <i>Analytical Letters</i> , 2018, 51, 1194-1207.	1.0	7
50	Solid glucose biosensor integrated in a multi-well microplate coupled to a camera-based detector: Application to the multiple analysis of human serum samples. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 331-341.	4.0	15
51	Liquid Chromatography Instrumentation. , 2018, , 108-108.		1
52	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
53	Reduction of Nitrates in Waste Water through the Valorization of Rice Straw: LIFE LIBERNITRATE Project. <i>Sustainability</i> , 2018, 10, 3007.	1.6	5
54	Delivering Inorganic and Organic Reagents and Enzymes from Zein and Developing Optical Sensors. <i>Analytical Chemistry</i> , 2018, 90, 8501-8508.	3.2	8

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55	Colorimetric determination of alcohols in spirit drinks using a reversible solid sensor. <i>Food Control</i> , 2018, 94, 7-16.	2.8	21
56	Improving the On-Line Extraction of Polar Compounds by IT-SPME with Silica Nanoparticles Modified Phases. <i>Separations</i> , 2018, 5, 10.	1.1	15
57	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
58	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
59	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
60	A new tool for direct non-invasive evaluation of chlorophyll a content from diffuse reflectance measurements. <i>Science of the Total Environment</i> , 2017, 609, 370-376.	3.9	8
61	Trends in Online Intube Solid Phase Microextraction. <i>Comprehensive Analytical Chemistry</i> , 2017, , 427-461.	0.7	13
62	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
63	A solid device based on doped hybrid composites for controlling the dosage of the biocide N-(3-aminopropyl)-N-dodecyl-1,3-propanediamine in industrial formulations. <i>Talanta</i> , 2016, 147, 147-154.	2.9	14
64	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
65	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
66	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
67	A solid colorimetric sensor for the analysis of amphetamine-like street samples. <i>Analytica Chimica Acta</i> , 2016, 943, 123-130.	2.6	35
68	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
69	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
70	Simplifying Iron Determination with o-Phenanthroline in Food Ashes Using 2-Nitrophenol as an Acid-Base Indicator. <i>Food Analytical Methods</i> , 2016, 9, 1150-1154.	1.3	6
71	New Tools for Characterizing Metallic Nanoparticles: AgNPs, A Case Study. <i>Analytical Chemistry</i> , 2016, 88, 1485-1493.	3.2	15
72	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

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73	Disinfection byâ€products effect on swimmers oxidative stress and respiratory damage. <i>European Journal of Sport Science</i> , 2016, 16, 609-617.	1.4	9
74	A capillary liquid chromatography method for benzalkonium chloride determination as a component or contaminant in mixtures of biocides. <i>Journal of Chromatography A</i> , 2016, 1431, 176-183.	1.8	14
75	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
76	Microextraction with phases containing nanoparticles. <i>Bioanalysis</i> , 2015, 7, 2163-2170.	0.6	5
77	Multidimensional Chromatographyâ†. , 2015, , .		0
78	Evaluation of Carbon Nanotubes Functionalized Polydimethylsiloxane Based Coatings for In-Tube Solid Phase Microextraction Coupled to Capillary Liquid Chromatography. <i>Chromatography (Basel)</i> , 2015, 2, 515-528.	1.2	11
79	Recent advances of in-tube solid-phase microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 71, 205-213.	5.8	121
80	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
81	Polydimethylsiloxane composites containing 1,2-naphtoquinone 4-sulphonate as unique dispositive for estimation of casein in effluents from dairy industries. <i>Analytica Chimica Acta</i> , 2015, 873, 31-37.	2.6	12
82	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
83	Selective and sentive 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
84	Development of a polydimethylsiloxaneâ€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
85	Rapid analysis of effluents generated by the dairy industry for fat determination by preconcentration in nylon membranes and attenuated total reflectance infrared spectroscopy measurement. <i>Talanta</i> , 2014, 119, 11-16.	2.9	6
86	Silica supported Fe3O4 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
87	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
88	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
89	Sensitive and Selective Plasmonic Assay for Spermine as Biomarker in Human Urine. <i>Analytical Chemistry</i> , 2014, 86, 1347-1351.	3.2	43
90	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

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91	Multiresidue analysis of organic pollutants by in-tube solid phase microextraction coupled to ultra-high performance liquid chromatographyâ€“electrospray-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1306, 1-11.	1.8	30
92	In Situ Colorimetric Quantification of Silver Cations in the Presence of Silver Nanoparticles. <i>Analytical Chemistry</i> , 2013, 85, 10013-10016.	3.2	45
93	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
94	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
95	More about sampling and estimation of mercaptans in air samples. <i>Talanta</i> , 2013, 106, 127-132.	2.9	3
96	Guidelines for alkylphenols estimation as alkylphenol polyethoxylates pollution indicator in wastewater treatment plant effluents. <i>Analytical Methods</i> , 2013, 5, 2209.	1.3	3
97	Combining poly(dimethyldiphenylsiloxane) and nitrile phases for improving the separation and quantitation of benzalkonium chloride homologues: In-tube solid phase microextractionâ€“capillary liquid chromatographyâ€“diode array detection-mass spectrometry for analyzing industrial samples. <i>Journal of Chromatography A</i> , 2013, 1297, 226-230.	1.8	12
98	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
99	Cleaning sorbents used in matrix solid-phase dispersion with sonication: Application to the estimation of polycyclic aromatic hydrocarbons at ng/g levels in marine sediments. <i>Journal of Chromatography A</i> , 2012, 1263, 43-50.	1.8	12
100	Ion-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
101	Magnetic In-Tube Solid Phase Microextraction. <i>Analytical Chemistry</i> , 2012, 84, 7233-7240.	3.2	87
102	Analysis of 18 perfluorinated compounds in river waters: Comparison of high performance liquid chromatographyâ€“tandem mass spectrometry, ultra-high-performance liquid chromatographyâ€“tandem mass spectrometry and capillary liquid chromatographyâ€“mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1244, 88-97.	1.8	57
103	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
104	Preconcentration of emerging contaminants in environmental water samples by using silica supported Fe3O4 magnetic nanoparticles for improving mass detection in capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2011, 1218, 2276-2283.	1.8	66
105	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
106	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
107	Improving analysis of apolar organic compounds by the use of a capillary titania-based column: Application to the direct determination of faecal sterols cholesterol and coprostanol in wastewater samples. <i>Journal of Chromatography A</i> , 2010, 1217, 4682-4687.	1.8	13
108	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

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109	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
110	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
111	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
112	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
113	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
114	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
115	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
116	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
117	A microscale Kjeldahl nitrogen determination for environmental waters. <i>Talanta</i> , 2008, 75, 1123-1126.	2.9	12
118	Multivariate standardisation for non-linear calibration range in the chemiluminescence determination of chromium. <i>Talanta</i> , 2007, 72, 1004-1012.	2.9	4
119	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
120	A microanalytical method for ammonium and short-chain primary aliphatic amines using precolumn derivatization and capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2007, 1164, 329-333.	1.8	14
121	Chemiluminescent Method for Detection of Eutrophication Sources by Estimation of Organic Amino Nitrogen and Ammonium in Water. <i>Analytical Chemistry</i> , 2006, 78, 7504-7510.	3.2	8
122	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
123	Influence of the presence of surfactants and humic acid in waters on the indophenol-type reaction method for ammonium determination. <i>Talanta</i> , 2006, 69, 1038-1045.	2.9	15
124	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
125	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
126	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



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127	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
128	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
129	Selective determination of ammonium in water based on HPLC and chemiluminescence detection. <i>Analytica Chimica Acta</i> , 2005, 536, 121-127.	2.6	27
130	Solid phase extraction of amines. <i>Analytica Chimica Acta</i> , 2005, 546, 206-220.	2.6	48
131	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
132	Detector supports: application to aliphatic amines in wastewater. <i>Talanta</i> , 2005, 65, 217-222.	2.9	7
133	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
134	A new selective method for dimethylamine in water analysis by liquid chromatography using solid-phase microextraction and two-stage derivatization with -phthalaldehyde and 9-fluorenylmethyl chloroformate. <i>Talanta</i> , 2005, 66, 1139-1145.	2.9	35
135	Enantioselective Analysis of Amphetamine-Related Designer Drugs in Body Fluids Using Liquid Chromatography and Solid-Phase Derivatization. <i>Chromatographia</i> , 2004, 60, 537-544.	0.7	6
136	Liquid chromatographic determination of trimethylamine in water. <i>Journal of Chromatography A</i> , 2004, 1023, 27-31.	1.8	27
137	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
138	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
139	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
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