Pilar Campns-Falc

List of Publications by Year in Descending Order

251 papers	4,643 citations	34 h-index	48 g-index
258 ext. papers	5,090 ext. citations	5.4 avg, IF	5.66 L-index

#	Paper	IF	Citations
251	New silica based adsorbent material from rice straw and its in-flow application to nitrate reduction in waters: Process sustainability and scale-up possibilities. *Science of the Total Environment*, **2022**, 805, 150317	10.2	2
250	Plasmonic sensor for hydrogen sulphide in saliva: Multisensor platform and bag format.. *Talanta*, **2022**, 245, 123449	6.2	1
249	Life after death: a physicochemical study of materials used by the ancient Maya in human bone ointments. *Archaeological and Anthropological Sciences*, **2022**, 14, 1	1.8	0
248	Towards in field miniaturized liquid chromatography: Biocides in wastewater as a proof of concept.. *Journal of Chromatography A*, **2022**, 1673, 463119	4.5	
247	Combining high performance thin layer chromatography with minispectrometer-fiber optic probe-coupled to smartphone for in place analysis: Lactose quantification in several matrices. *Journal of Chromatography A*, **2021**, 1661, 462694	4.5	2
246	Characterization and Quantitation of Carbon Black Nanomaterials in Polymeric and Biological Aqueous Dispersants by Asymmetrical Flow Field Flow Fractionation. *ACS Omega*, **2021**, 6, 31822-31830	3.9	0
245	Determination of caffeine in dietary supplements by miniaturized portable liquid chromatography.. *Journal of Chromatography A*, **2021**, 1664, 462770	4.5	2
244	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. *Analytical Chemistry*, **2021**, 93, 6043-6052	7.8	5
243	Study of the Stability of Citrate Capped AgNPs in Several Environmental Water Matrices by Asymmetrical Flow Field Flow Fractionation. *Nanomaterials*, **2021**, 11,	5.4	2
242	Capillary Liquid Chromatography for the Determination of Terpenes in Botanical Dietary Supplements. *Pharmaceuticals*, **2021**, 14,	5.2	2
241	Corneal Biomechanical Parameters and Central Corneal Thickness in Glaucoma Patients, Glaucoma Suspects, and a Healthy Population. *Journal of Clinical Medicine*, **2021**, 10,	5.1	1
240	Ionic-liquid doped polymeric composite as passive colorimetric sensor for meat freshness as a use case. *Talanta*, **2021**, 223, 121778	6.2	1
239	In-tube solid phase microextraction coupled to miniaturized liquid chromatography for both, noble metal nanoparticle assessment and sensitive plasmonic assay development. *Analytica Chimica Acta*, **2021**, 1171, 338665	6.6	1
238	Scopolamine analysis in beverages: Bicolorimetric device vs portable nano liquid chromatography. *Talanta*, **2021**, 232, 122406	6.2	4
237	Luminol Doped Silica-Polymer Sensor for Portable Organic Amino Nitrogen and Ammonium Determination in Water. *Separations*, **2021**, 8, 149	3.1	0
236	Fast blue B functionalized silica-polymer composite to evaluate 3,5-dihydroxyhydrocinnamic acid as biomarker of gluten intake. *Sensors and Actuators B: Chemical*, **2021**, 345, 130333	8.5	1
235	Portable solid sensor supported in nylon for silver ion determination: testing its liberation as biocide. *Analytical and Bioanalytical Chemistry*, **2020**, 412, 4393-4402	4.4	1

234	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. *Science of the Total Environment*, **2020**, 721, 137732	10.2	7
233	Innovations in Extractive Phases for In-Tube Solid-Phase Microextraction Coupled to Miniaturized Liquid Chromatography: A Critical Review. *Molecules*, **2020**, 25,	4.8	13
232	New Reusable Solid Biosensor with Covalent Immobilization of the Horseradish Peroxidase Enzyme: In Situ Liberation Studies of Hydrogen Peroxide by Portable Chemiluminescent Determination. *ACS Omega*, **2020**, 5, 2419-2427	3.9	7
231	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. *Journal of Chromatography A*, **2020**, 1617, 460819	4.5	8
230	In-tube solid-phase microextraction **2020**, 387-427		4
229	Exploring hand-portable nano-liquid chromatography for in place water analysis: Determination of trimethylxanthines as a use case. *Science of the Total Environment*, **2020**, 747, 140966	10.2	8
228	Rapid evaluation of ammonium in different rain events minimizing needed volume by a cost-effective and sustainable PDMS supported solid sensor. *Environmental Pollution*, **2020**, 265, 114911	9.3	4
227	New results in ancient Maya rituals researches: The study of human painted bones fragments from Calakmul archaeological site (Mexico). *Journal of Archaeological Science: Reports*, **2020**, 32, 102418	0.7	6
226	Overview of the three multicriteria approaches applied to a global assessment of analytical methods. *TrAC - Trends in Analytical Chemistry*, **2020**, 133, 116065	14.6	13
225	Aqueous Dilution of Noble NPs Bulk Dispersions: Modeling Instability due to Dissolution by AF4 and Stablishing Considerations for Plasmonic Assays. *Nanomaterials*, **2020**, 10,	5.4	5
224	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. *Journal of Pharmaceutical and Biomedical Analysis*, **2020**, 178, 112914	3.5	16
223	A new tool for evaluating and/or selecting analytical methods: Summarizing the information in a hexagon. *TrAC - Trends in Analytical Chemistry*, **2019**, 118, 538-547	14.6	22
222	Establishing the occurrence and profile of polycyclic aromatic hydrocarbons in marine sediments: The eastern Mediterranean coast of Spain as a case study. *Marine Pollution Bulletin*, **2019**, 142, 206-215	6.7	2
221	Nanomaterials for Sample Preparation in LC-MS Bioanalysis **2019**, 128-138		1
220	Stabilization of formaldehyde into polydimethylsiloxane composite: application to the in situ determination of illicit drugs. *Analytical and Bioanalytical Chemistry*, **2019**, 411, 2141-2148	4.4	7
219	Exploring New Extractive Phases for In-Tube Solid Phase Microextraction Coupled to Miniaturized Liquid Chromatography. *Separations*, **2019**, 6, 12	3.1	6
218	Estimating Diphenylamine in Gunshot Residues from a New Tool for Identifying both Inorganic and Organic Residues in the Same Sample. *Separations*, **2019**, 6, 16	3.1	7
217	Footprint of carbonyl compounds in hand scent by in-tube solid-phase microextraction coupled to nano-liquid chromatography/diode array detection. *Journal of Chromatography A*, **2019**, 1596, 241-249	4.5	9

216	Quantifying both ammonium and proline in wines and beer by using a PDMS composite for sensoring. *Talanta*, **2019**, 198, 371-376	6.2	6
215	In Situ Analysis Devices for Estimating the Environmental Footprint in Beverages Industry **2019**, 275-317		3
214	Miniaturized liquid chromatography coupled on-line to in-tube solid-phase microextraction for characterization of metallic nanoparticles using plasmonic measurements. A tutorial. *Analytica Chimica Acta*, **2019**, 1045, 23-41	6.6	17
213	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. *ACS Sensors*, **2019**, 4, 2164-2172	9.2	19
212	Towards sarcosine determination in urine for prostatic carcinoma detection. *Sensors and Actuators B: Chemical*, **2019**, 287, 380-389	8.5	14
211	Quantitative Analysis of Terpenic Compounds in Microsamples of Resins by Capillary Liquid Chromatography. *Molecules*, **2019**, 24,	4.8	3
210	Modifying the reactivity of copper (II) by its encapsulation into polydimethylsiloxane: A selective sensor for ephedrine-like compounds. *Talanta*, **2019**, 196, 300-308	6.2	4
209	Determination of meropenem in endotracheal tubes by in-tube solid phase microextraction coupled to capillary liquid chromatography with diode array detection. *Journal of Pharmaceutical and Biomedical Analysis*, **2018**, 151, 170-177	3.5	16
208	Quantitative study of the capture of silver nanoparticles by several kinds of soils. *Science of the Total Environment*, **2018**, 630, 1226-1236	10.2	17
207	Cotton swabs supported in-situ assay for quaternary ammonium compounds residues in effluents and surfaces. *Food Control*, **2018**, 84, 419-428	6.2	5
206	New Calibration Model: Combining Integrated Calibration Method and H-point Standard Addition Method to Detect and Avoid Interference Effects. *Analytical Letters*, **2018**, 51, 1194-1207	2.2	3
205	Colorimetric determination of alcohols in spirit drinks using a reversible solid sensor. *Food Control*, **2018**, 94, 7-16	6.2	16
204	Improving the On-Line Extraction of Polar Compounds by IT-SPME with Silica Nanoparticles Modified Phases. *Separations*, **2018**, 5, 10	3.1	10
203	Solid glucose biosensor integrated in a multi-well microplate coupled to a camera-based detector: Application to the multiple analysis of human serum samples. *Sensors and Actuators B: Chemical*, **2018**, 258, 331-341	8.5	10
202	Liquid Chromatography | Instrumentation **2018**, 108-108		1
201	Analysis of Contact Traces of Cannabis by In-Tube Solid-Phase Microextraction Coupled to Nanoliquid Chromatography. *Molecules*, **2018**, 23,	4.8	20
200	Reduction of Nitrates in Waste Water through the Valorization of Rice Straw: LIFE LIBERNITRATE Project. *Sustainability*, **2018**, 10, 3007	3.6	5
199	Delivering Inorganic and Organic Reagents and Enzymes from Zein and Developing Optical Sensors. *Analytical Chemistry*, **2018**, 90, 8501-8508	7.8	4

198	Peptide Metal-Organic Frameworks for Enantioselective Separation of Chiral Drugs. *Journal of the American Chemical Society*, **2017**, 139, 4294-4297	16.4	167
197	Trends for the Development of In Situ Analysis Devices **2017**, 1-23		4
196	In tube-solid phase microextraction-nano liquid chromatography: Application to the determination of intact and degraded polar triazines in waters and recovered struvite. *Journal of Chromatography A*, **2017**, 1513, 51-58	4.5	30
195	A passive solid sensor for in-situ colorimetric estimation of the presence of ketamine in illicit drug samples. *Sensors and Actuators B: Chemical*, **2017**, 253, 1137-1144	8.5	18
194	A new tool for direct non-invasive evaluation of chlorophyll a content from diffuse reflectance measurements. *Science of the Total Environment*, **2017**, 609, 370-376	10.2	3
193	Trends in Online Intube Solid Phase Microextraction. *Comprehensive Analytical Chemistry*, **2017**, 427-461	1.9	9
192	Designing solid optical sensors for in situ passive discrimination of volatile amines based on a new one-step hydrophilic PDMS preparation. *Sensors and Actuators B: Chemical*, **2016**, 223, 333-342	8.5	20
191	Simplifying Iron Determination with o-Phenanthroline in Food Ashes Using 2-Nitrophenol as an Acid-Base Indicator. *Food Analytical Methods*, **2016**, 9, 1150-1154	3.4	4
190	New Tools for Characterizing Metallic Nanoparticles: AgNPs, A Case Study. *Analytical Chemistry*, **2016**, 88, 1485-93	7.8	13
189	Adsorbent phases with nanomaterials for in-tube solid-phase microextraction coupled on-line to liquid nanochromatography. *Journal of Chromatography A*, **2016**, 1432, 17-25	4.5	28
188	Disinfection by-products effect on swimmers oxidative stress and respiratory damage. *European Journal of Sport Science*, **2016**, 16, 609-17	3.9	7
187	A capillary liquid chromatography method for benzalkonium chloride determination as a component or contaminant in mixtures of biocides. *Journal of Chromatography A*, **2016**, 1431, 176-183	4.5	10
186	Application of Carbon Nanotubes Modified Coatings for the Determination of Amphetamines by In-Tube Solid-Phase Microextraction and Capillary Liquid Chromatography. *Separations*, **2016**, 3, 7	3.1	17
185	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. *Talanta*, **2016**, 147, 147-54	6.2	12
184	Colorimetic biosensing dispositive based on reagentless hybrid biocomposite: Application to hydrogen peroxide determination. *Sensors and Actuators B: Chemical*, **2016**, 231, 837-846	8.5	16
183	New optical paper sensor for in situ measurement of hydrogen sulphide in waters and atmospheres. *Talanta*, **2016**, 156-157, 79-86	6.2	31
182	Determination of amphetamines in hair by integrating sample disruption, clean-up and solid phase derivatization. *Journal of Chromatography A*, **2016**, 1447, 47-56	4.5	16
181	A solid colorimetric sensor for the analysis of amphetamine-like street samples. *Analytica Chimica Acta*, **2016**, 943, 123-130	6.6	24

180	A sustainable on-line CapLC method for quantifying antifouling agents like irgarol-1051 and diuron in water samples: Estimation of the carbon footprint. *Science of the Total Environment*, **2016**, 569-570, 611-618	10.2	13
179	Zein as biodegradable material for effective delivery of alkaline phosphatase and substrates in biokits and biosensors. *Biosensors and Bioelectronics*, **2016**, 86, 14-19	11.8	14
178	Polydimethylsiloxane composites containing 1,2-naphtoquinone 4-sulphonate as unique dispositive for estimation of casein in effluents from dairy industries. *Analytica Chimica Acta*, **2015**, 873, 31-7	6.6	10
177	Estimation of the presence of unmetabolized dialkyl phthalates in untreated human urine by an on-line miniaturized reliable method. *Science of the Total Environment*, **2015**, 532, 239-44	10.2	20
176	Selective and sentivive method based on capillary liquid chromatography with in-tube solid phase microextraction for determination of monochloramine in water. *Journal of Chromatography A*, **2015** , 1388, 17-23	4.5	16
175	Development of a polydimethylsiloxane-thymol/nitroprusside composite based sensor involving thymol derivatization for ammonium monitoring in water samples. *Science of the Total Environment*, **2015**, 503-504, 105-12	10.2	14
174	Microextraction with phases containing nanoparticles. *Bioanalysis*, **2015**, 7, 2163-70	2.1	4
173	Multidimensional Chromatography? **2015**,		
172	Evaluation of Carbon Nanotubes Functionalized Polydimethylsiloxane Based Coatings for In-Tube Solid Phase Microextraction Coupled to Capillary Liquid Chromatography. *Chromatography (Basel)*, **2015**, 2, 515-528		10
171	Recent advances of in-tube solid-phase microextraction. *TrAC - Trends in Analytical Chemistry*, **2015**, 71, 205-213	14.6	100
170	Analysis of polar triazines and degradation products in waters by in-tube solid-phase microextraction and capillary chromatography: an environmentally friendly method. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 1485-97	4.4	26
169	Silica supported Fe(3)O(4) magnetic nanoparticles for magnetic solid-phase extraction and magnetic in-tube solid-phase microextraction: application to organophosphorous compounds. *Analytical and Bioanalytical Chemistry*, **2014**, 406, 2211-5	4.4	55
168	On-line in-tube solid phase microextraction-capillary liquid chromatography method for monitoring degradation products of di-(2-ethylhexyl) phthalate in waters. *Journal of Chromatography A*, **2014**, 1347, 157-60	4.5	21
167	A cost-effective method for estimating di(2-ethylhexyl)phthalate in coastal sediments. *Journal of Chromatography A*, **2014**, 1324, 57-62	4.5	20
166	Sensitive and selective plasmonic assay for spermine as biomarker in human urine. *Analytical Chemistry*, **2014**, 86, 1347-51	7.8	34
165	Evaluation of Superparamagnetic Silica Nanoparticles for Extraction of Triazines in Magnetic in-Tube Solid Phase Microextraction Coupled to Capillary Liquid Chromatography. *Nanomaterials*, **2014**, 4, 242-255	5.4	27
164	Rapid analysis of effluents generated by the dairy industry for fat determination by preconcentration in nylon membranes and attenuated total reflectance infrared spectroscopy measurement. *Talanta*, **2014**, 119, 11-6	6.2	4
163	Multiresidue analysis of organic pollutants by in-tube solid phase microextraction coupled to ultra-high performance liquid chromatography-electrospray-tandem mass spectrometry. *Journal of Chromatography A*, **2013**, 1306, 1-11	4.5	28

162	In situ colorimetric quantification of silver cations in the presence of silver nanoparticles. *Analytical Chemistry*, **2013**, 85, 10013-6	7.8	36
161	Study of the influence of temperature and precipitations on the levels of BTEX in natural waters. *Journal of Hazardous Materials*, **2013**, 263 Pt 1, 131-8	12.8	18
160	Determination of carbonyl compounds in particulate matter PM2.5 by in-tube solid-phase microextraction coupled to capillary liquid chromatography/mass spectrometry. *Talanta*, **2013**, 115, 876-80	6.2	22
159	More about sampling and estimation of mercaptans in air samples. *Talanta*, **2013**, 106, 127-32	6.2	3
158	Guidelines for alkylphenols estimation as alkylphenol polyethoxylates pollution indicator in wastewater treatment plant effluents. *Analytical Methods*, **2013**, 5, 2209	3.2	3
157	Combining poly(dimethyldiphenylsiloxane) and nitrile phases for improving the separation and quantitation of benzalkonium chloride homologues: In-tube solid phase microextraction-capillary liquid chromatography-diode array detection-mass spectrometry for analyzing industrial samples. *Journal of Chromatography A*, **2013**, 1297, 226-38	4.5	9
156	A miniaturized method for estimating di(2-ethylhexyl) phthalate in bivalves as bioindicators. *Journal of Chromatography A*, **2012**, 1260, 169-73	4.5	22
155	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. *Journal of Chromatography A*, **2012**, 1263, 43-50	4.5	11
154	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. *Journal of Chromatography A*, **2012**, 1248, 55-9	4.5	18
153	Magnetic in-tube solid phase microextraction. *Analytical Chemistry*, **2012**, 84, 7233-40	7.8	74
152	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. *Journal of Chromatography A*, **2012**, 1244, 88-97	4.5	47
151	Solid-Phase Extraction and Clean-Up Procedures in Pharmaceutical Analysis Update based on the original article by P. Campíns-Falcó, A. Sevillano-Cabeza, R. Herráez-Hernández, and C. Molins-Legua, Encyclopedia of Analytical Chemistry, © 2000, John Wiley & Sons, Ltd. **2012**,		3
150	Advantages of monolithic over particulate columns for multiresidue analysis of organic pollutants by in-tube solid-phase microextraction coupled to capillary liquid chromatography. *Journal of Chromatography A*, **2011**, 1218, 6256-62	4.5	29
149	Preconcentration of emerging contaminants in environmental water samples by using silica supported Fe3O4 magnetic nanoparticles for improving mass detection in capillary liquid chromatography. *Journal of Chromatography A*, **2011**, 1218, 2276-83	4.5	58
148	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. *Journal of Chromatography A*, **2011**, 1218, 4834-9	4.5	29
147	Improving detection limits for organotin compounds in several matrix water samples by derivatization-headspace-solid-phase microextraction and GC-MS. *Talanta*, **2010**, 80, 1888-93	6.2	34
146	An in-tube SPME device for the selective determination of chlorophyll a in aquatic systems. *Talanta*, **2010**, 82, 952-6	6.2	21
145	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. *Journal of Chromatography A*, **2010**, 1217, 2695-702	4.5	42

144	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. *Journal of Chromatography A*, **2010**, 1217, 4682-7	4.5	12
143	A direct Capillary Liquid Chromatography with electrochemical detection method for determination of phenols in water samples. *Journal of Chromatography A*, **2010**, 1217, 7926-30	4.5	15
142	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. *Analytical and Bioanalytical Chemistry*, **2009**, 394, 557-65	4.4	24
141	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. *Journal of Chromatography A*, **2009**, 1216, 6741-5	4.5	44
140	In-tube solid-phase microextraction and liquid chromatography using a monolithic column for the selective determination of residual ethylenediamine in industrial cationic polymers. *Analytical Chemistry*, **2009**, 81, 5827-32	7.8	17
139	A microscale Kjeldahl nitrogen determination for environmental waters. *Talanta*, **2008**, 75, 1123-6	6.2	8
138	Automatic in-tube SPME and fast liquid chromatography: a cost-effective method for the estimation of dibuthyl and di-2-ethylhexyl phthalates in environmental water samples. *Analytica Chimica Acta*, **2008**, 610, 268-73	6.6	43
137	Automated on-line in-tube solid-phase microextraction-assisted derivatization coupled to liquid chromatography for quantifying residual dimethylamine in cationic polymers. *Journal of Chromatography A*, **2008**, 1188, 118-23	4.5	23
136	New micromethod combining miniaturized matrix solid-phase dispersion and in-tube in-valve solid-phase microextraction for estimating polycyclic aromatic hydrocarbons in bivalves. *Journal of Chromatography A*, **2008**, 1211, 13-21	4.5	48
135	In-tube solid-phase microextraction-capillary liquid chromatography as a solution for the screening analysis of organophosphorus pesticides in untreated environmental water samples. *Journal of Chromatography A*, **2007**, 1141, 10-21	4.5	42
134	A microanalytical method for ammonium and short-chain primary aliphatic amines using precolumn derivatization and capillary liquid chromatography. *Journal of Chromatography A*, **2007**, 1164, 329-33	4.5	12
133	Multivariate standardisation for non-linear calibration range in the chemiluminescence determination of chromium. *Talanta*, **2007**, 72, 1004-12	6.2	3
132	Chemiluminescent method for detection of eutrophication sources by estimation of organic amino nitrogen and ammonium in water. *Analytical Chemistry*, **2006**, 78, 7504-10	7.8	6
131	Comparative study of the determination of trimethylamine in water and air by combining liquid chromatography and solid-phase microextraction with on-fiber derivatization. *Talanta*, **2006**, 69, 716-23	6.2	28
130	Influence of the presence of surfactants and humic acid in waters on the indophenol-type reaction method for ammonium determination. *Talanta*, **2006**, 69, 1038-45	6.2	12
129	An evaluation of solid phase microextraction for aliphatic amines using derivatization with 9-fluorenylmethyl chloroformate and liquid chromatography. *Journal of Chromatography A*, **2006**, 1104, 40-6	4.5	54
128	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. *Journal of Chromatography A*, **2006**, 1125, 159-71	4.5	41
127	Application of solid-phase microextraction combined with derivatization to the enantiomeric determination of amphetamines. *Journal of Pharmaceutical and Biomedical Analysis*, **2006**, 40, 1209-17	3.5	36

126	A guide for selecting the most appropriate method for ammonium determination in water analysis. *TrAC - Trends in Analytical Chemistry*, **2006**, 25, 282-290	14.6	113
125	Detector supports: application to aliphatic amines in wastewater. *Talanta*, **2005**, 65, 217-22	6.2	6
124	Determination of ammonia and primary amine compounds and Kjeldahl nitrogen in water samples with a modified Roth's fluorimetric method. *Talanta*, **2005**, 65, 869-75	6.2	26
123	A new selective method for dimethylamine in water analysis by liquid chromatography using solid-phase microextraction and two-stage derivatization with o-phthalaldialdehyde and 9-fluorenylmethyl chloroformate. *Talanta*, **2005**, 66, 1139-45	6.2	32
122	Improved detection limit for ammonium/ammonia achieved by Berthelot's reaction by use of solid-phase extraction coupled to diffuse reflectance spectroscopy. *Analytica Chimica Acta*, **2005**, 534, 327-334	6.6	44
121	Selective determination of ammonium in water based on HPLC and chemiluminescence detection. *Analytica Chimica Acta*, **2005**, 536, 121-127	6.6	24
120	Solid phase extraction of amines. *Analytica Chimica Acta*, **2005**, 546, 206-220	6.6	39
119	Collaborative study of an liquid chromatographic method for the determination of R-timolol and other related substances in S-timolol maleate. *Analytica Chimica Acta*, **2005**, 546, 182-192	6.6	15
118	Enantioselective Analysis of Amphetamine-Related Designer Drugs in Body Fluids Using Liquid Chromatography and Solid-Phase Derivatization. *Chromatographia*, **2004**, 60, 537-544	2.1	5
117	Liquid chromatographic determination of trimethylamine in water. *Journal of Chromatography A*, **2004**, 1023, 27-31	4.5	20
116	Sensitive determination of aliphatic amines in water by high-performance liquid chromatography with chemiluminescence detection. *Journal of Chromatography A*, **2004**, 1035, 75-82	4.5	33
115	Selective determination of trimethylamine in air by liquid chromatography using solid phase extraction cartridges for sampling. *Journal of Chromatography A*, **2004**, 1042, 219-23	4.5	16
114	A method for the determination of dimethylamine in air by collection on solid support sorbent with subsequent derivatization and spectrophotometric analysis. *Journal of Chromatography A*, **2004**, 1059, 17-24	4.5	13
113	Application of solid-phase microextraction combined with derivatization to the determination of amphetamines by liquid chromatography. *Analytical Biochemistry*, **2004**, 333, 328-35	3.1	44
112	Evaluation of C18 adsorbent cartridges for sampling and derivatization of primary amines in air. *Analytica Chimica Acta*, **2004**, 502, 235-239	6.6	10
111	Analysis of methylamine by solid-phase microextraction and HPLC after on-fibre derivatization with 9-fluorenylmethyl chloroformate. *Analytica Chimica Acta*, **2004**, 513, 425-433	6.6	25
110	The impact of a disused mine on uranium transport in the River Fal, South West England. *Journal of Environmental Monitoring*, **2004**, 6, 907-13		7
109	Analysis of primary aliphatic short-chain monoamines by LC in water samples. *Talanta*, **2004**, 62, 373-82	6.2	21

108	FI automatic method for the determination of copper(II) based on coproporphyrin I-Cu(II)/TCPO/H(2)O(2) chemiluminescence reaction for the screening of waters. *Talanta*, **2004**, 64, 1030-5	6.2	12
107	Separation of the enantiomers of primary and secondary amphetamines by liquid chromatography after derivatization with (R)-1-(9-fluorenyl)ethyl chloroformate. *Chromatographia*, **2003**, 57, 309-316	2.1	9
106	Unbiased spectrophotometric method for estimating phenol or o-cresol in unknown water samples. *Analytical and Bioanalytical Chemistry*, **2003**, 376, 413-21	4.4	3
105	Rapid fluorimetric assay for primary amine groups in water samples. *Analytical and Bioanalytical Chemistry*, **2003**, 376, 918-22	4.4	8
104	Analyser of chromium and/or cobalt. *Analytica Chimica Acta*, **2003**, 488, 243-254	6.6	10
103	Influence of water sample storage protocols in chemiluminescence detection of trace elements. *Talanta*, **2003**, 60, 257-68	6.2	10
102	A Guide to Avoid Method Bias of Chromium (III, VI) Chemiluminescence Determination by Luminol-Hydrogen Peroxide Reaction - Application to Water Samples. *International Journal of Environmental Analytical Chemistry*, **2003**, 83, 405-416	1.8	9
101	Liquid chromatographic determination of aliphatic amines in water using solid support assisted derivatization with 9-fluorenylmethyl chloroformate. *Chromatographia*, **2002**, 55, 129-134	2.1	27
100	Enantiomeric separation of amphetamine and related compounds by liquid chromatography using precolumn derivatization witho-phthaldialdehyde. *Chromatographia*, **2002**, 56, 559-565	2.1	6
99	Multivariate calibration applied to simultaneous chemiluminescence determination of cobalt and chromium. *Analytical and Bioanalytical Chemistry*, **2002**, 374, 1223-9	4.4	10
98	Comparison of several methods used for the determination of cephalosporins. Analysis of cephalexin in pharmaceutical samples. *Journal of Pharmaceutical and Biomedical Analysis*, **2002**, 29, 405-23	3.5	31
97	Preconcentration and dansylation of aliphatic amines using C18 solid-phase packings. Application to the screening analysis in environmental water samples. *Journal of Chromatography A*, **2002**, 978, 59-69	4.5	52
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