Jos J Santana-Rodrguez

List of Publications by Year in Descending Order

148 papers	3,320 citations	33 h-index	50 g-index
150 ext. papers	3,668 ext. citations	5 avg, IF	5.56 L-index

#	Paper	IF	Citations
148	Occurrence and environmental hazard of organic UV filters in seawater and wastewater from Gran Canaria Island (Canary Islands, Spain).. *Environmental Pollution*, **2022**, 300, 118843	9.3	3
147	Fabric Phase Sorptive Extraction for the Determination of Anthracyclines in Sewage. *Separations*, **2022**, 9, 69	3.1	0
146	Assessment of anthropogenic pollution by UV filters using macrophytes as bioindicators.. *Science of the Total Environment*, **2022**, 155012	10.2	
145	Organic pollutants adsorbed on microplastics: Analytical methodologies and occurrence in oceans. *Trends in Environmental Analytical Chemistry*, **2021**, 29, e00114	12	19
144	UV filters and UV stabilisers adsorbed in microplastic debris from beach sand. *Marine Pollution Bulletin*, **2021**, 168, 112434	6.7	3
143	An assessment of the concentration of pharmaceuticals adsorbed on microplastics. *Chemosphere*, **2021**, 266, 129007	8.4	9
142	Occurrence of Pharmaceutical Compounds in Groundwater from the Gran Canaria Island (Spain). *Water (Switzerland)*, **2021**, 13, 262	3	6
141	Fate and distribution of benzotriazole UV filters and stabilizers in environmental compartments from Gran Canaria Island (Spain): A comparison study. *Science of the Total Environment*, **2021**, 756, 144086	10.2	10
140	Fabric Phase Sorptive Extraction of Selected Steroid Hormone Residues in Commercial Raw Milk Followed by Ultra-High-Performance Liquid Chromatography-Tandem Mass Spectrometry. *Foods*, **2021**, 10,	4.9	1
139	Quality by design optimization of a liquid chromatographic-tandem mass spectrometric method for the simultaneous analysis of structurally heterogeneous pharmaceutical compounds and its application to the rapid screening in wastewater and surface water samples by large volume direct injection. *Journal of Chromatography A*, **2021**, 1649, 462225	4.5	3
138	Analysis of microplastics-sorbed endocrine-disrupting compounds in pellets and microplastic fragments from beaches. *Microchemical Journal*, **2021**, 171, 106834	4.8	1
137	Determination of 5-fluorocytosine, 5-fluorouracil, and 5-fluorouridine in hospital wastewater by liquid chromatography-mass spectrometry. *Journal of Separation Science*, **2020**, 43, 3074-3082	3.4	0
136	Occurrence of benzotriazole UV stabilizers in coastal fishes. *Journal of Environmental Management*, **2020**, 269, 110805	7.9	7
135	Quantification of cytostatic platinum compounds in wastewater by inductively coupled plasma mass spectrometry after ion exchange extraction. *Microchemical Journal*, **2020**, 157, 104862	4.8	9
134	Analytical Methodologies for the Determination of Cytostatic Compounds in Environmental Matrices **2020**, 169-195		1
133	Organic UV filters in marine environments: An update of analytical methodologies, occurrence and distribution. *Trends in Environmental Analytical Chemistry*, **2020**, 25, e00079	12	34
132	Pharmaceutical and personal care product residues in a macrophyte pond-constructed wetland treating wastewater from a university campus: Presence, removal and ecological risk assessment. *Science of the Total Environment*, **2020**, 703, 135596	10.2	27

131	An Update of the Occurrence of Organic Contaminants of Emerging Concern in the Canary Islands (Spain). *Water (Switzerland)*, **2020**, 12, 2548	3	3
130	Multiresidue Analysis of Organic UV Filters and UV Stabilizers in Fish of Common Consumption. *Foods*, **2020**, 9,	4.9	5
129	Cytostatic compounds in sludge and sediment: extraction and determination by a combination of microwave-assisted extraction and UHPLC-MS/MS. *Analytical and Bioanalytical Chemistry*, **2020**, 412, 3639-3651	4.4	4
128	A Survey of the Presence of Pharmaceutical Residues in Wastewaters. Evaluation of Their Removal using Conventional and Natural Treatment Procedures. *Molecules*, **2020**, 25,	4.8	11
127	Simultaneous and systematic analysis of cytostatic drugs in wastewater samples by ultra-high performance liquid chromatography tandem mass spectrometry. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2019**, 1110-1111, 124-132	3.2	8
126	Microwave assisted extraction for the determination of antineoplastic compounds in marine fish. *Journal of Food Composition and Analysis*, **2019**, 82, 103241	4.1	10
125	Analysis and occurrence of benzotriazole ultraviolet stabilisers in different species of seaweed. *Chemosphere*, **2019**, 236, 124344	8.4	12
124	Distribution and health risk assessment of cadmium, lead, and mercury in freshwater fish from the right bank of Senegal River in Mauritania. *Environmental Monitoring and Assessment*, **2019**, 191, 493	3.1	3
123	Monitoring and environmental risk assessment of benzotriazole UV stabilizers in the sewage and coastal environment of Gran Canaria (Canary Islands, Spain). *Journal of Environmental Management*, **2019**, 233, 567-575	7.9	19
122	Analytical approaches for the determination of personal care products and evaluation of their occurrence in marine organisms. *Science of the Total Environment*, **2018**, 633, 405-425	10.2	29
121	Study on the removal of hormones from domestic wastewaters with lab-scale constructed wetlands with different substrates and flow directions. *Environmental Science and Pollution Research*, **2018**, 25, 20374-20384	5.1	17
120	Identification and Quantification, by NMR and LC-MS, of Sterols Isolated from the Marine Sponge Aplysina aerophoba. *Records of Natural Products*, **2018**, 12, 470-479	1.9	2
119	Applicability of the direct injection liquid chromatographic tandem mass spectrometric analytical approach to the sub-ngL determination of perfluoro-alkyl acids in waste, surface, ground and drinking water samples. *Talanta*, **2018**, 176, 412-421	6.2	24
118	Applications of Fabric Phase Sorptive Extraction to the Determination of Micropollutants in Liquid Samples. *Separations*, **2018**, 5, 35	3.1	6
117	Towards an IOT Based System for Detection and Monitoring of Microplastics in Aquatic Environments **2018**,		4
116	Simplified solid-phase extraction procedure combined with liquid chromatography tandem-mass spectrometry for multiresidue assessment of pharmaceutical compounds in environmental liquid samples. *Journal of Chromatography A*, **2017**, 1487, 54-63	4.5	9
115	Nanofiltration/Reverse Osmosis as Pretreatment Technique for Water Reuse: Ultrafiltration Versus Tertiary Membrane Reactor. *Clean - Soil, Air, Water*, **2017**, 45, 1600014	1.6	3
114	Occurrence and environmental impact of pharmaceutical residues from conventional and natural wastewater treatment plants in Gran Canaria (Spain). *Science of the Total Environment*, **2017**, 599-600, 934-943	10.2	60

113	Determination of steroid hormones in fish tissues by microwave-assisted extraction coupled to ultra-high performance liquid chromatography tandem mass spectrometry. *Food Chemistry*, **2017**, 237, 1012-1020	8.5	30
112	Determination of fluoroquinolones in fishes using microwave-assisted extraction combined with ultra-high performance liquid chromatography and fluorescence detection. *Journal of Food Composition and Analysis*, **2017**, 56, 140-146	4.1	24
111	Optimization and application of fabric phase sorptive extraction coupled to ultra-high performance liquid chromatography tandem mass spectrometry for the determination of cytostatic drug residues in environmental waters. *Journal of Chromatography A*, **2017**, 1529, 39-49	4.5	19
110	Analytical tools employed to determine pharmaceutical compounds in wastewaters after application of advanced oxidation processes. *Environmental Science and Pollution Research*, **2016**, 23, 24476-24494	5.1	12
109	Application of microwave-assisted extraction and ultra-high performance liquid chromatography-tandem mass spectrometry for the analysis of sex hormones and corticosteroids in sewage sludge samples. *Analytical and Bioanalytical Chemistry*, **2016**, 408, 6833-44	4.4	18
108	Analysis of Ni, Cr, Cu, Pb and Cd in marine bioindicators using mixed-micelles with microwave assisted micellar extraction and GF-AAS. *Analytical Methods*, **2016**, 8, 7141-7149	3.2	9
107	Supervised neural computing solutions for fluorescence identification of benzimidazole fungicides. Data and decision fusion strategies. *Environmental Science and Pollution Research*, **2016**, 23, 24547-24559	5.1	2
106	Estimation of kinetic parameters and UV doses necessary to remove twenty-three pharmaceuticals from pre-treated urban wastewater by UV/H2O2. *Journal of Photochemistry and Photobiology A: Chemistry*, **2016**, 329, 130-138	4.7	38
105	Cytostatic drugs in environmental samples: An update on the extraction and determination procedures. *TrAC - Trends in Analytical Chemistry*, **2016**, 80, 373-386	14.6	38
104	Determination of androgens and progestogens in environmental and biological samples using fabric phase sorptive extraction coupled to ultra-high performance liquid chromatography tandem mass spectrometry. *Journal of Chromatography A*, **2016**, 1437, 116-126	4.5	45
103	Optimization and Development of SPE and MAE Combined with UHPLCFD for the Determination of Acetylsalicylic Acid, Naproxen, Ibuprofen and Gemfibrozil in Sewage and Sludge Samples. *Current Analytical Chemistry*, **2016**, 12, 545-552	1.7	5
102	Rapid monitoring of residual UV-stabilizers in seawater samples from beaches using fabric phase sorptive extraction and UHPLC-MS/MS. *Chemosphere*, **2016**, 164, 201-207	8.4	39
101	Determination of heavy metals in marine sediments using MAME-GFAAS. *Journal of Analytical Atomic Spectrometry*, **2015**, 30, 435-442	3.7	5
100	Clogging reduction and removal of hormone residues with laboratory-scale vertical flow organic-based filter and hybrid wetland. *International Journal of Environmental Science and Technology*, **2015**, 12, 1039-1052	3.3	8
99	Environmental Applications of Solid Phase Microextraction Techniques **2015**, 1897-1927		
98	Molecularly imprinted solid-phase extraction coupled with ultra high performance liquid chromatography and fluorescence detection for the determination of estrogens and their metabolites in wastewater. *Journal of Separation Science*, **2015**, 38, 3961-3968	3.4	14
97	Fabric phase sorptive extraction followed by UHPLC-MS/MS for the analysis of benzotriazole UV stabilizers in sewage samples. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 8137-50	4.4	48
96	An on-line solid phase extraction method coupled with UHPLC-MS/MS for the determination of steroid hormone compounds in treated water samples from waste water treatment plants. *Analytical Methods*, **2015**, 7, 5996-6005	3.2	23

95	A dispersive liquid-liquid micellar microextraction for the determination of pharmaceutical compounds in wastewaters using ultra-high-performace liquid chromatography with DAD detection. *Biomedical Chromatography*, **2015**, 29, 353-6	1.7	7
94	DEVELOPMENT OF A NOVEL IN-TUBE SOLID PHASE MICROEXTRACTION BASED ON MICELLAR DESORPTION FOLLOWED BY LC-DAD-FD FOR THE DETERMINATION OF SOME ENDOCRINE DISRUPTOR COMPOUNDS IN ENVIRONMENTAL LIQUID SAMPLES. *Journal of Liquid Chromatography and Related Technologies*, **2014**, 37, 1654-1672	1.3	6
93	Liquid chromatography methodologies for the determination of steroid hormones in aquatic environmental systems. *Trends in Environmental Analytical Chemistry*, **2014**, 3-4, 14-27	12	42
92	Microextraction techniques coupled to liquid chromatography with mass spectrometry for the determination of organic micropollutants in environmental water samples. *Molecules*, **2014**, 19, 10320-49	4.8	48
91	Development and application of a microwave-assisted extraction and LC/MS/MS methodology to the determination of antifouling booster biocides in sea mullets (Mugil cephalus) organisms. *Journal of AOAC INTERNATIONAL*, **2014**, 97, 197-204	1.7	3
90	Analysis of Personal Care Products in Sediments and Soils. *Handbook of Environmental Chemistry*, **2014**, 231-262	0.8	1
89	Extraction and determination methodologies for benzotriazole UV stabilizers in personal-care products in environmental and biological samples. *TrAC - Trends in Analytical Chemistry*, **2013**, 51, 23-32	14.6	33
88	The Use of Microwave Assisted Extraction and On-line Chromatography-Mass Spectrometry for Determining Endocrine-Disrupting Compounds in Sewage Sludges. *Water, Air, and Soil Pollution*, **2013**, 224, 1	2.6	10
87	An assessment of the concentrations of pharmaceutical compounds in wastewater treatment plants on the island of Gran Canaria (Spain). *SpringerPlus*, **2013**, 2, 24		18
86	Assessment of the Presence of Pharmaceutical Compounds in Seawater Samples from Coastal Area of Gran Canaria Island (Spain). *Antibiotics*, **2013**, 2, 274-87	4.9	27
85	Analytical methodologies for the determination of endocrine disrupting compounds in biological and environmental samples. *BioMed Research International*, **2013**, 2013, 674838	3	58
84	Evaluation of the presence of endocrine-disrupting compounds in dissolved and solid wastewater treatment plant samples of Gran Canaria Island (Spain). *BioMed Research International*, **2013**, 2013, 790570	3	26
83	Simultaneous determination of hormonal residues in treated waters using ultrahigh performance liquid chromatography-tandem mass spectrometry. *Journal of Analytical Methods in Chemistry*, **2013**, 2013, 210653	2	14
82	New approach for the clinical monitoring of 25-hydroxyvitamin D3 and 25-hydroxyvitamin D2 by ultra high performance liquid chromatography with MS/MS based on the standard reference material 972. *Journal of Separation Science*, **2013**, 36, 3702-8	3.4	8
81	Microwave-assisted extraction combined with on-line solid phase extraction followed by ultra-high-performance liquid chromatography with tandem mass spectrometric determination of benzotriazole UV stabilizers in marine sediments and sewage sludges. *Journal of Separation Science*, **2013**, 36, 781-8	3.4	31
80	Development of a sensitive determination method for benzotriazole UV stabilizers in enviromental water samples with stir bar sorption extraction and liquid desorption prior to ultra-high performance liquid chromatography with tandem mass spectrometry. *Journal of Separation Science*, **2013**, 36, 2168-75	3.4	19
79	Luminescence methods for study and determination of pollutants in the environment. *Macedonian Journal of Chemistry and Chemical Engineering*, **2013**, 29, 1	1.1	15
78	High-sensitivity analysis of female-steroid hormones in environmental samples. *TrAC - Trends in Analytical Chemistry*, **2012**, 34, 35-58	14.6	82

77	Analytical methods for the determination of common booster biocides in marine samples. *Open Chemistry*, **2012**, 10, 521-533	1.6	2
76	Combination of microwave-assisted micellar extraction with liquid chromatography tandem mass spectrometry for the determination of fluoroquinolone antibiotics in coastal marine sediments and sewage sludges samples. *Biomedical Chromatography*, **2012**, 26, 33-40	1.7	26
75	Analysis of anti-inflammatory, analgesic, stimulant and antidepressant drugs in purified water from wastewater treatment plants using SPE-LC tandem mass spectrometry. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2012**, 47, 887-95	2.3	15
74	Optimisation of an in-tube solid phase microextraction method coupled with HPLC for determination of some oestrogens in environmental liquid samples using different capillary columns. *International Journal of Environmental Analytical Chemistry*, **2012**, 92, 382-396	1.8	16
73	On-line solid-phase extraction coupled to ultra-performance liquid chromatography with tandem mass spectrometry detection for the determination of benzotriazole UV stabilizers in coastal marine and wastewater samples. *Analytical and Bioanalytical Chemistry*, **2012**, 403, 867-76	4.4	60
72	Development and optimisation of an on-line solid phase extraction coupled to ultra-high-performance liquid chromatography-tandem mass spectrometry methodology for the simultaneous determination of endocrine disrupting compounds in wastewater samples. *Journal of Chromatography A*, **2012**, 1230, 66-76	4.5	49
71	Determination and assessment of estradiol-mimicking compounds in the dissolved and particulate phases of wastewater treatment plant samples. *Journal of AOAC INTERNATIONAL*, **2012**, 95, 1195-204	1.7	2
70	COMPARISON OF SOLID PHASE EXTRACTION USING MICELLAR DESORPTION COMBINED WITH LC-FD AND LC-MS/MS IN THE DETERMINATION OF ANTIBIOTICS FLUOROQUINOLONE RESIDUES IN SEWAGE SAMPLES. *Journal of Liquid Chromatography and Related Technologies*, **2012**, 35, 2081-2096	1.3	8
69	New Developments in Liquid Chromatography Mass Spectrometry for the Determination of Micropollutants. *Chromatography Research International*, **2012**, 2012, 1-18		10
68	Determination of steroid hormones in biological and environmental samples using green microextraction techniques: an overview. *Analytica Chimica Acta*, **2011**, 704, 33-46	6.6	93
67	Determination of various estradiol mimicking-compounds in sewage sludge by the combination of microwave-assisted extraction and LC-MS/MS. *Talanta*, **2011**, 85, 1825-34	6.2	41
66	Probabilistic risk assessment of common booster biocides in surface waters of the harbours of Gran Canaria (Spain). *Marine Pollution Bulletin*, **2011**, 62, 985-91	6.7	29
65	Applicability of microwave-assisted extraction combined with LC-MS/MS in the evaluation of booster biocide levels in harbour sediments. *Chemosphere*, **2011**, 82, 96-102	8.4	22
64	A preliminary assessment of levels of antifouling booster biocides in harbours and marinas of the island of Gran Canaria, using SPE-HPLC. *Environmental Chemistry Letters*, **2011**, 9, 203-208	13.3	8
63	An evaluation of antifouling booster biocides in Gran Canaria coastal waters using SPE-LC MS/MS. *International Journal of Environmental Analytical Chemistry*, **2011**, 91, 1166-1177	1.8	7
62	Application of new approaches to liquid-phase microextraction for the determination of emerging pollutants. *TrAC - Trends in Analytical Chemistry*, **2011**, 30, 731-748	14.6	103
61	Determination of alkylphenol polyethoxylates, bisphenol-A, 17α-ethynylestradiol and 17β-estradiol and its metabolites in sewage samples by SPE and LC/MS/MS. *Journal of Hazardous Materials*, **2010**, 183, 701-11	12.8	101
60	Analytical methodologies for the determination of nitroimidazole residues in biological and environmental liquid samples: a review. *Analytica Chimica Acta*, **2010**, 665, 113-22	6.6	80

59	Coupling of solid-phase microextraction with micellar desorption and high performance liquid chromatography for the determination of pharmaceutical residues in environmental liquid samples. *Biomedical Chromatography*, **2009**, 23, 1175-85	1.7	29
58	Solid-phase microextraction with micellar desorption and HPLC-fluorescence detection for the analysis of fluoroquinolones residues in water samples. *Analytical and Bioanalytical Chemistry*, **2009**, 394, 927-35	4.4	46
57	HUMANN-based system to identify benzimidazole fungicides using multi-synchronous fluorescence spectra: an ensemble approach. *Analytical and Bioanalytical Chemistry*, **2009**, 394, 1059-72	4.4	8
56	Determination of alkylphenol ethoxylates and their degradation products in liquid and solid samples. *TrAC - Trends in Analytical Chemistry*, **2009**, 28, 1186-1200	14.6	51
55	Methodologies for the extraction of phenolic compounds from environmental samples: new approaches. *Molecules*, **2009**, 14, 298-320	4.8	158
54	Analysis of Organochlorine Pesticides in Mollusc Samples by HPLC after Microwave Assisted Micellar Extraction Coupled with Solid Phase Extraction. *Journal of Liquid Chromatography and Related Technologies*, **2008**, 31, 865-877	1.3	2
53	Application of microwave-assisted micellar extraction combined with solid-phase microextraction and high-performance liquid chromatography with UV detection for the determination of organochlorine pesticides in different mud samples. *International Journal of Environmental Analytical Chemistry*, **2008**, 88, 185-197	1.8	6
52	Implementation of solid-phase microextraction with micellar desorption method for priority phenolic compound determination in natural waters. *Journal of Chromatographic Science*, **2008**, 46, 325-31	1.4	11
51	Preconcentration of pharmaceuticals residues in sediment samples using microwave assisted micellar extraction coupled with solid phase extraction and their determination by HPLC-UV. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2008**, 863, 150-7	3.2	35
50	Recent trends in the use of organized molecular systems combined with chromatographic techniques in environmental analysis. *Analytical and Bioanalytical Chemistry*, **2008**, 391, 725-33	4.4	9
49	Microwave-assisted micellar extraction coupled with solid-phase extraction for preconcentration of pharmaceuticals in molluscs prior to determination by HPLC. *Biomedical Chromatography*, **2008**, 22, 1115-22	1.7	35
48	Determination of Organochlorine Pesticides from Agricultural Soils Using Pressurized Liquid Extraction. *Soil and Sediment Contamination*, **2007**, 17, 1-11	3.2	7
47	Development of a solid-phase microextraction method with micellar desorption for the determination of chlorophenols in water samples. Comparison with conventional solid-phase microextraction method. *Journal of Chromatography A*, **2007**, 1140, 13-20	4.5	51
46	SPME and SPE comparative study for coupling with microwave-assisted micellar extraction in the analysis of organochlorine pesticides residues in seaweed samples. *Microchemical Journal*, **2007**, 87, 139-146	4.8	25
45	Solid-phase microextraction of benzimidazole fungicides in environmental liquid samples and HPLC-fluorescence determination. *Analytical and Bioanalytical Chemistry*, **2007**, 387, 1957-63	4.4	48
44	Optimisation of solid-phase microextraction coupled to HPLC-UV for the determination of organochlorine pesticides and their metabolites in environmental liquid samples. *Analytical and Bioanalytical Chemistry*, **2006**, 386, 332-40	4.4	25
43	Sample extraction method combining micellar extraction-SPME and HPLC for the determination of organochlorine pesticides in agricultural soils. *Journal of Agricultural and Food Chemistry*, **2006**, 54, 7747-52	5.7	12
42	Determination of Benzimidazole Fungicides in Soil Samples Using Microwave-Assisted Micellar Extraction and Liquid Chromatography with Fluorescence Detection. *Journal of AOAC INTERNATIONAL*, **2006**, 89, 1403-1409	1.7	15

41	Microwave assisted micellar extraction coupled with solid phase microextraction for the determination of organochlorine pesticides in soil samples. *Analytica Chimica Acta*, **2006**, 571, 51-7	6.6	43
40	Use of polyoxyethylene surfactants for the extraction of organochlorine pesticides from agricultural soils. *Journal of Chromatography A*, **2006**, 1104, 11-7	4.5	18
39	Combination of microwave assisted micellar extraction and liquid chromatography for the determination of organophosphorous pesticides in soil samples. *Journal of Chromatography A*, **2005**, 1078, 13-21	4.5	63
38	An environmentally friendly method for the extraction and determination of priority phenols in soils using microwave-assisted micellar extraction. *Analytical and Bioanalytical Chemistry*, **2005**, 382, 125-33	4.4	26
37	An Approach to the Application of Microwave-Assisted Micellar Extraction and Liquid Chromatography with Ultraviolet Detection to the Extraction and Determination of Organophosphorus Pesticides in Tomato Samples. *Journal of AOAC INTERNATIONAL*, **2005**, 88, 1485-1490	1.7	6
36	A new and fast extraction method for the determination of priority phenols from marine sediments by liquid chromatography. *Journal of Chromatographic Science*, **2005**, 43, 282-8	1.4	4
35	Extraction and Determination of Phenolic Derivatives in Water Samples by Using Polyoxyethylene Surfactants and Liquid Chromatography with Photodiode Array Detection. *Journal of AOAC INTERNATIONAL*, **2004**, 87, 166-171	1.7	12
34	The use of micellar systems in the extraction and pre-concentration of organic pollutants in environmental samples. *TrAC - Trends in Analytical Chemistry*, **2004**, 23, 469-479	14.6	140
33	Use of polyoxyethylene-6-lauryl ether and microwave-assisted extraction for the determination of chlorophenols in marine sediments. *Analytica Chimica Acta*, **2004**, 524, 133-139	6.6	17
32	Micellar extraction of organophosphorus pesticides and their determination by liquid chromatography. *Analytica Chimica Acta*, **2004**, 524, 265-270	6.6	101
31	Extraction of PCDDs from Marine Sediments Using Polyoxyethylene 10 Lauryl Ether and Oligoethylene Glycol Monoalkyl Ether Surfactants. *Analytical Letters*, **2004**, 37, 1385-1399	2.2	4
30	Determination of Benzimidazole Fungicides by HPLC with Fluorescence Detection After Micellar Extraction. *Chromatographia*, **2004**, 60,	2.1	29
29	Polycyclic aromatic hydrocarbons in ambient air particles in the city of Las Palmas de Gran Canaria. *Environment International*, **2003**, 29, 475-80	12.9	49
28	Extraction and preconcentration of polychlorinated dibenzo-p-dioxins using the cloud-point methodology. *Analytica Chimica Acta*, **2002**, 470, 205-214	6.6	31
27	Use of non-ionic surfactant solutions for the extraction and preconcentration of phenolic compounds in water prior to their HPLC-UV detection. *Analyst, The*, **2002**, 127, 1031-7	5	62
26	Determination of Organochlorinated Compounds in Marine Organisms by Microwave-Assisted Extraction with Molecular Organized Systems and Liquid Chromatography with Fluorescence Detection. *Journal of AOAC INTERNATIONAL*, **2002**, 85, 44-49	1.7	17
25	Microwave-assisted extraction of organochlorine compounds in marine sediments with organized molecular systems. *Chromatographia*, **2001**, 53, 375-379	2.1	14
24	Application of microwave-assisted extraction using micellar media to the determination of polychlorinated biphenyls in marine sediments. *Analytica Chimica Acta*, **2001**, 433, 237-244	6.6	24

23	Simultaneous Optimization of Surfactant Concentration and Organic Modifier in Micellar Liquid Chromatography. Application to the Separation of Phenolic Compounds. *Analytical Letters*, **2000**, 33, 1691-1709	2.2	
22	Fluorescence techniques for the determination of polycyclic aromatic hydrocarbons in marine environment: an overview. *Analusis - European Journal of Analytical Chemistry*, **2000**, 28, 710-717		19
21	Application of cloud-point methodology to the determination of polychlorinated dibenzofurans in sea water by high-performance liquid chromatography. *Analyst, The*, **1999**, 124, 487-491	5	48
20	Determination of polychlorinated biphenyls by liquid chromatography following cloud-point extraction. *Analytica Chimica Acta*, **1998**, 358, 145-155	6.6	48
19	Optimization of the separation selectivity of PCBs in a hydroorganic reverse-phase liquid chromatography in the presence of cetyltrimethylammonium bromide with fluorescence detection. *Biomedical Chromatography*, **1997**, 11, 333-4	1.7	
18	Spectrofluorimetric determination of 4-chlorobiphenyl and Arochlor 1221 using the fluorescence quenching produced by cetylpyridinium bromide micellar medium. *FreseniusnJournal of Analytical Chemistry*, **1996**, 354, 221-226		2
17	Fluorescence behaviour of polychlorinated dibenzofurans in organized molecular systems. Analytical applications. *Mikrochimica Acta*, **1995**, 118, 185-196	5.8	4
16	Fluorimetric Study of PCBs and Aroclors in Micellar Media. Analytical Applications. *Analytical Letters* , **1994**, 27, 1355-1382	2.2	8
15	Analysis of binary mixtures of 3,3?,4,4?-tetrachlorobiphenyl and 2,3,7,8-tetrachlorodibenzofuran by derivative synchronous fluorescence spectrometry in organized media. *Analyst, The*, **1994**, 119, 2241-2246	5	2
14	Analysis of mixtures of polycyclic aromatic hydrocarbons in sea-water by synchronous fluorescence spectrometry in organized media. *Analyst, The*, **1993**, 118, 917-921	5	22
13	Micellar enhanced spectrofluorometric determination of chlorophyll a and chlorophyll b in fresh waters. *Talanta*, **1992**, 39, 195-200	6.2	11
12	Sensitive simultaneous determination of benzo(a)pyrene, perylene and chrysene by synchronous spectrofluorometry in nonionic micellar media. *Talanta*, **1992**, 39, 1611-7	6.2	17
11	Simultaneous determination of perylene and benzo[g,h,i]perylene by synchronous fluorescence using a micellar system. *FreseniusnJournal of Analytical Chemistry*, **1992**, 343, 509-512		9
10	109 Spectrofluorimetric determination of chrysene using a cationic micellar system. *Freseniusn Journal of Analytical Chemistry*, **1992**, 343, 172-172		
9	Simultaneous synchronous flourimetric determination of benzo[a]pyrene and perylene in micellar media. *Analytica Chimica Acta*, **1991**, 255, 107-111	6.6	17
8	Bioluminescence, chemiluminescence. *FreseniusnJournal of Analytical Chemistry*, **1990**, 337, 86-96		4
7	1,5-bis-(2,3-dihydroxy-phenylmethylene)-thiocarbohydrazone as reagent for the spectrofluorimetric determination of nanogram amounts of gallium. *Mikrochimica Acta*, **1990**, 100, 55-61	5.8	0
6	Spectrofluorometric determination of zinc with 1,5-bis(2,3-dihydroxyphenylmethylene) thiocarbohydrazone. *Analytica Chimica Acta*, **1987**, 202, 207-213	6.6	3

5	Spectrofluorimetric determination of zinc with pyrocatechol-1-aldehyde 2-pyridylhydrazone. *Analyst, The*, **1986**, 111, 327	5	5
4	Kinetic spectrofluorimetric determination of silver, based on its catalytic effect on the oxidation of pyrocatechol-1-aldehyde 2-pyridylhydrazone by peroxodisulphate in the presence of 1,10-phenanthroline as activator. *Talanta*, **1986**, 33, 779-83	6.2	4
3	Pyrocatechol-1-Aldehyde 2-Benzothiazolylhydrazone As Reagent for the Spectrofluorimetric Determination of Nanogram Amounts of Gallium in Urine and Blood Serum. *Analytical Letters*, **1985**, 18, 1003-1012	2.2	3
2	Fluorimetric determination of zinc with pyrocatechin-1-aldehyde 2-benzothiazolylhydrazone. *Microchemical Journal*, **1984**, 29, 113-118	4.8	1
1	Pyrocatechol-1-aldehyde salicyloylhydrazone as reagent for the spectrofluorimetric determination of zinc. *Mikrochimica Acta*, **1984**, 83, 53-60	5.8	1