Soledad Rubio

List of Publications by Year
in descending order

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193 papers	7,765 citations	44042 48 h-index	69214 77 g-index
197 all docs	197 docs citations	197 times ranked	6128 citing authors

#	Article	IF	Citations
1	Analytical methods for the determination of bisphenol A in food. Journal of Chromatography A, 2009, 1216, 449-469.	1.8	351
2	Supramolecular solvents in the extraction of organic compounds. A review. Analytica Chimica Acta, 2010, 677, 108-130.	2.6	259
3	Prenatal exposure to bisphenol AÂand phthalates and childhood respiratory tract infections and allergy. Journal of Allergy and Clinical Immunology, 2015, 135, 370-378.e7.	1.5	203
4	An Acid-Induced Phase Cloud Point Separation Approach Using Anionic Surfactants for the Extraction and Preconcentration of Organic Compounds. Analytical Chemistry, 1999, 71, 4519-4526.	3.2	189
5	Analytical methods for the determination of mixtures of bisphenols and derivatives in human and environmental exposure sources and biological fluids. A review. Analytica Chimica Acta, 2016, 908, 22-53.	2.6	165
6	Potential of supramolecular solvents for the extraction of contaminants in liquid foods. Journal of Chromatography A, 2009, 1216, 530-539.	1.8	147
7	Chemical degradation of aromatic amines by Fenton's reagent. Water Research, 1997, 31, 1985-1995.	5.3	138
8	Degradation of photographic developers by Fenton's reagent: condition optimization and kinetics for metol oxidation. Water Research, 2000, 34, 1791-1802.	5.3	136
9	Water-Induced Coacervation of Alkyl Carboxylic Acid Reverse Micelles:â€‰ Phenomenon Description and Potential for the Extraction of Organic Compounds. Analytical Chemistry, 2007, 79, 7473-7484.	3.2	135
10	Environment-Responsive Alkanol-Based Supramolecular Solvents: Characterization and Potential as Restricted Access Property and Mixed-Mode Extractants. Analytical Chemistry, 2012, 84, 342-349.	3.2	121
11	Analytical applications of synchronous fluorescence spectroscopy. Talanta, 1986, 33, 633-640.	2.9	120
12	Exposure to Bisphenol A and Phthalates during Pregnancy and Ultrasound Measures of Fetal Growth in the INMA-Sabadell Cohort. Environmental Health Perspectives, 2016, 124, 521-528.	2.8	119
13	Prenatal Bisphenol A Urine Concentrations and Early Rapid Growth and Overweight Risk in the Offspring. Epidemiology, 2013, 24, 791-799.	1.2	116
14	Hemimicelles of Alkyl Carboxylates Chemisorbed onto Magnetic Nanoparticles: Study and Application to the Extraction of Carcinogenic Polycyclic Aromatic Hydrocarbons in Environmental Water Samples. Analytical Chemistry, 2009, 81, 9012-9020.	3.2	114
15	Astaxanthin from Haematococcus pluvialis Prevents Oxidative Stress on Human Endothelial Cells without Toxicity. Marine Drugs, 2015, 13, 2857-2874.	2.2	114
16	Dietary and sociodemographic determinants of bisphenol A urine concentrations in pregnant women and children. Environment International, 2013, 56, 10-18.	4.8	110
17	Presence of diphenyl phosphate and aryl-phosphate flame retardants in indoor dust from different microenvironments in Spain and the Netherlands and estimation of human exposure. Environment International, 2018, 112, 59-67.	4.8	108
18	Supramolecular assemblies for extracting organic compounds. TrAC - Trends in Analytical Chemistry, 2003, 22, 470-485.	5.8	105

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19	Tetrabutylammonium-Induced Coacervation in Vesicular Solutions of Alkyl Carboxylic Acids for the Extraction of Organic Compounds. Analytical Chemistry, 2006, 78, 7229-7239.	3.2	105
20	Green Solvents for the Extraction of High Added-Value Compounds from Agri-food Waste. Food Engineering Reviews, 2020, 12, 83-100.	3.1	102
21	Determination of bisphenols A and F and their diglycidyl ethers in wastewater and river water by coacervative extraction and liquid chromatographyâ€“fluorimetry. Analytica Chimica Acta, 2007, 603, 51-59.	2.6	99
22	Recent Advances in Environmental Analysis. Analytical Chemistry, 2011, 83, 4579-4613.	3.2	97
23	Solid-Phase Extraction of Amphiphiles Based on Mixed Hemimicelle/Admicelle Formation:Â Application to the Concentration of Benzalkonium Surfactants in Sewage and River Water. Analytical Chemistry, 2003, 75, 6799-6806.	3.2	95
24	Mixed aggregate-based acid-induced cloud-point extraction and ion-trap liquid chromatographyâ€“mass spectrometry for the determination of cationic surfactants in sewage sludge. Journal of Chromatography A, 2003, 998, 143-154.	1.8	94
25	Quick and simple sample treatment for multiresidue analysis of bisphenols, bisphenol diglycidyl ethers and their derivatives in canned food prior to liquid chromatography and fluorescence detection. Journal of Chromatography A, 2014, 1336, 23-33.	1.8	92
26	Exposure to bisphenol A during pregnancy and child neuropsychological development in the INMA-Sabadell cohort. Environmental Research, 2015, 142, 671-679.	3.7	91
27	Single-drop coacervative microextraction of organic compounds prior to liquid chromatography. Journal of Chromatography A, 2008, 1195, 25-33.	1.8	90
28	Supramolecular solvent-based microextraction of Sudan dyes in chilli-containing foodstuffs prior to their liquid chromatography-photodiode array determination. Food Chemistry, 2010, 121, 763-769.	4.2	90
29	Anionic surfactants in acid media: a new cloud point extraction approach for the determination of polycyclic aromatic hydrocarbons in environmental samples. Analytica Chimica Acta, 1999, 392, 29-38.	2.6	81
30	Recent Advances in Environmental Analysis. Analytical Chemistry, 2009, 81, 4601-4622.	3.2	79
31	Determination of non-ionic polyethoxylated surfactants in wastewater and river water by mixed hemimicelle extraction and liquid chromatographyâ€“ion trap mass spectrometry. Journal of Chromatography A, 2005, 1067, 161-170.	1.8	75
32	Determination of phthalate esters in sewage by hemimicelles-based solid-phase extraction and liquid chromatographyâ€“mass spectrometry. Analytica Chimica Acta, 2005, 551, 142-149.	2.6	73
33	Evaluation and Optimization of an On-Line Admicelle-Based Extraction-Liquid Chromatography Approach for the Analysis of Ionic Organic Compounds. Analytical Chemistry, 2004, 76, 3878-3886.	3.2	70
34	Determination of benzimidazolic fungicides in fruits and vegetables by supramolecular solvent-based microextraction/liquid chromatography/fluorescence detection. Analytica Chimica Acta, 2009, 650, 207-213.	2.6	70
35	Tetrahydrofuranâ€“water extraction, in-line clean-up and selective liquid chromatography/tandem mass spectrometry for the quantitation of perfluorinated compounds in food at the low picogram per gram level. Journal of Chromatography A, 2010, 1217, 5913-5921.	1.8	70
36	Acid-induced cloud point extraction and preconcentration of polycyclic aromatic hydrocarbons from environmental solid samples. Journal of Chromatography A, 2002, 962, 1-8.	1.8	64

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37	The use of a restricted access volatile supramolecular solvent for the LC/MS-MS assay of bisphenol A in urine with a significant reduction of phospholipid-based matrix effects. Analytica Chimica Acta, 2017, 950, 71-79.	2.6	59
38	Determination of urinary bisphenol A by coacervative microextraction and liquid chromatographyâ€“fluorescence detection. Analytica Chimica Acta, 2008, 630, 19-27.	2.6	58
39	Supramolecular solvents in solid sample microextractions: Application to the determination of residues of oxolinic acid and flumequine in fish and shellfish. Journal of Chromatography A, 2010, 1217, 1447-1454.	1.8	57
40	Enantioselective determination of representative profens in wastewater by a single-step sample treatment and chiral liquid chromatographyâ€“tandem mass spectrometry. Talanta, 2015, 134, 325-332.	2.9	57
41	Exposure to bisphenol A and behavior in school-age children. NeuroToxicology, 2016, 53, 12-19.	1.4	55
42	Decanoic acid reverse micelle-based coacervates for the microextraction of bisphenol A from canned vegetables and fruits. Analytica Chimica Acta, 2008, 617, 51-58.	2.6	54
43	Multiresidue analysis of sulfonamides in meat by supramolecular solvent microextraction, liquid chromatography and fluorescence detection and method validation according to the 2002/657/EC decision. Journal of Chromatography A, 2010, 1217, 6250-6257.	1.8	52
44	Hyphenating Supramolecular Solvents and Liquid Chromatography: Tips for Efficient Extraction and Reliable Determination of Organics. Chromatographia, 2019, 82, 111-124.	0.7	52
45	Twenty years of supramolecular solvents in sample preparation for chromatography: achievements and challenges ahead. Analytical and Bioanalytical Chemistry, 2020, 412, 6037-6058.	1.9	52
46	Determination of alkylphenols and alkylphenol carboxylates in wastewater and river samples by hemimicelle-based extraction and liquid chromatographyâ€“ion trap mass spectrometry. Journal of Chromatography A, 2006, 1120, 260-267.	1.8	51
47	Supramolecular solvent-based extraction of benzimidazolic fungicides from natural waters prior to their liquid chromatographic/fluorimetric determination. Journal of Chromatography A, 2009, 1216, 3740-3745.	1.8	50
48	Determination of polycyclic aromatic hydrocarbons (PAH4) in food by vesicular supramolecular solvent-based microextraction and LCâ€“fluorescence detection. Food Chemistry, 2014, 143, 341-347.	4.2	50
49	Single-step extraction and cleanup of bisphenol A in soft drinks by hemimicellar magnetic solid phase extraction prior to liquid chromatography/tandem mass spectrometry. Analytica Chimica Acta, 2013, 778, 31-37.	2.6	49
50	Astaxanthin-Loaded Nanostructured Lipid Carriers for Preservation of Antioxidant Activity. Molecules, 2018, 23, 2601.	1.7	48
51	Valorization of spent coffee grounds by supramolecular solvent extraction. Separation and Purification Technology, 2019, 228, 115759.	3.9	48
52	SUPRAS extraction approach for matrix-independent determination of amphetamine-type stimulants by LC-MS/MS. Talanta, 2018, 182, 574-582.	2.9	46
53	H2O2/TiO2 photocatalytic oxidation of metol. Identification of intermediates and reaction pathways. Water Research, 2002, 36, 3582-3592.	5.3	43
54	Evaluation of the factors affecting extraction of organic compounds based on the acid-induced phase cloud point approach. Analytica Chimica Acta, 2002, 460, 13-22.	2.6	43

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55	Determination of bisphenols in sewage based on supramolecular solid-phase extraction/liquid chromatography/fluorimetry. Journal of Chromatography A, 2005, 1100, 8-14.	1.8	43
56	Sodium dodecyl sulphate-coated alumina for the extraction/preconcentration of benzimidazolic fungicides from natural waters prior to their quantification by liquid chromatography/fluorimetry. Analytica Chimica Acta, 2006, 569, 132-138.	2.6	43
57	Multifunctional green supramolecular solvents for cost-effective production of highly stable astaxanthin-rich formulations from Haematococcus pluvialis. Food Chemistry, 2019, 279, 294-302.	4.2	43
58	Determination of non-ionic polyethoxylated surfactants in sewage sludge by coacervative extraction and ion trap liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2004, 1046, 147-153.	1.8	41
59	Hemimicelle-based solid-phase extraction of estrogens from environmental water samples. Analyst, The, 2006, 131, 407-414.	1.7	41
60	Analysis of perfluorinated compounds in biota by microextraction with tetrahydrofuran and liquid chromatography/ion isolation-based ion-trap mass spectrometry. Journal of Chromatography A, 2010, 1217, 3774-3782.	1.8	41
61	Analysis of binary and ternary mixtures of titanium, zirconium, and hafnium by derivative synchronous fluorescence spectrometry. Analytical Chemistry, 1985, 57, 1101-1106.	3.2	39
62	Coacervative extraction of Ochratoxin A in wines prior to liquid chromatography/fluorescence determination. Analytica Chimica Acta, 2008, 617, 3-10.	2.6	39
63	Identification of metol degradation products under Fenton's reagent treatment using liquid chromatography-mass spectrometry. Water Research, 2000, 34, 3400-3412.	5.3	38
64	Highly efficient microextraction of chlorophenoxy acid herbicides in natural waters using a decanoic acid-based nanostructured solvent prior to their quantitation by liquid chromatographyâ€“mass spectrometry. Analytica Chimica Acta, 2012, 709, 59-65.	2.6	38
65	Multifunctional sorbents for the extraction of pesticide multiresidues from natural waters. Analytica Chimica Acta, 2008, 608, 61-72.	2.6	37
66	Efficient extraction of hydrophilic and lipophilic antioxidants from microalgae with supramolecular solvents. Separation and Purification Technology, 2020, 251, 117327.	3.9	37
67	Micellar catalysis in reaction-rate methods. TrAC - Trends in Analytical Chemistry, 1993, 12, 9-18.	5.8	36
68	Determination of priority carcinogenic polycyclic aromatic hydrocarbons in wastewater and surface water by coacervative extraction and liquid chromatographyâ€“fluorimetry. Journal of Chromatography A, 2008, 1203, 168-176.	1.8	36
69	Supramolecular solvent-based microextraction of ochratoxin A in raw wheat prior to liquid chromatography-fluorescence determination. Journal of Chromatography A, 2010, 1217, 2376-2382.	1.8	36
70	Vesicular coacervative extraction of bisphenols and their diglycidyl ethers from sewage and river water. Journal of Chromatography A, 2007, 1163, 269-276.	1.8	35
71	Restricted access supramolecular solvents for sample treatment in enzyme-linked immuno-sorbent assay of mycotoxins in food. Analytica Chimica Acta, 2016, 935, 129-135.	2.6	35
72	Micellar media in kinetic determinations. Analytica Chimica Acta, 1989, 224, 185-198.	2.6	34

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73	Supramolecular solvent extraction of bioactives from coffee cherry pulp. Journal of Food Engineering, 2020, 278, 109933.	2.7	34
74	Potential of coacervation processes for the extraction of amphiphiles (linear alkyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (benzen Chromatography A, 2004, 1030, 109-115.	1.8	32
75	Supramolecular solid-phase extraction of ibuprofen and naproxen from sewage based on the formation of mixed supramolecular aggregates prior to their liquid chromatographic/photometric determination. Journal of Chromatography A, 2008, 1210, 1-7.	1.8	32
76	Determination of bisphenol A in canned fatty foods by coacervative microextraction, liquid chromatography and fluorimetry. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2009, 26, 265-274.	1.1	32
77	Supramolecular solvent-based microextraction of emerging bisphenol A replacements (colour) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	4.2	32
78	Combination of micellar and chemical catalysis as a means of enhancing the sensitivity of catalytic kinetic determinations. Analytica Chimica Acta, 1990, 237, 207-214.	2.6	31
79	Supramolecular systems-based extraction-separation techniques coupled to mass spectrometry. Journal of Separation Science, 2005, 28, 1613-1627.	1.3	31
80	Determination of non-ionic polyethoxylated surfactants in sewage sludge by coacervative extraction and ion trap liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2004, 1046, 147-153.	1.8	31
81	Restricted access property supramolecular solvents for combined microextraction of endocrine disruptors in sediment and sample cleanup prior to their quantification by liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2013, 1303, 1-8.	1.8	30
82	Stereoselective quantitation of mecoprop and dichlorprop in natural waters by supramolecular solvent-based microextraction, chiral liquid chromatography and tandem mass spectrometry. Analytica Chimica Acta, 2013, 761, 102-108.	2.6	30
83	Bisphenol A and reproductive hormones and cortisol in peripubertal boys: The INMA-Granada cohort. Science of the Total Environment, 2018, 618, 1046-1053.	3.9	30
84	Hexadecylpyridinium chloride micelles for the simultaneous kinetic determination of cysteine and cystine by their induction of the iodine-azide reaction. Analytica Chimica Acta, 1997, 337, 341-349.	2.6	29
85	Selectivity in analytical chemistry revisited. TrAC - Trends in Analytical Chemistry, 2001, 20, 386-393.	5.8	29
86	Fluorimetric determination of manganese at the nanogram level by catalytic oxidation of pyridoxal 2-pyridylhydrazone by hydrogen peroxide. Analyst, The, 1984, 109, 717-722.	1.7	28
87	Determination of Surfactants Based on Mixed-Micelle Formation. Analytical Chemistry, 1995, 67, 1872-1880.	3.2	28
88	Nanostructured alkyl carboxylic acid-based restricted access solvents: Application to the combined microextraction and cleanup of polycyclic aromatic hydrocarbons in mosses. Analytica Chimica Acta, 2015, 890, 124-133.	2.6	28
89	Improved trihydroxyindole method for the simultaneous stopped-flow spectrofluorimetric determination of epinephrine and norepinephrine in urine. Analytica Chimica Acta, 1990, 229, 27-33.	2.6	27
90	Kinetic determination of Hg(II) based on its accelerating effect on the reaction between hexacyanoferrate(II) and 1,10-phenanthroline catalysed by micelles. Talanta, 1991, 38, 1147-1153.	2.9	26

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91	Stability of benzalkonium surfactants on hemimicelle-based solid-phase extraction cartridges. Journal of Chromatography A, 2005, 1094, 17-23.	1.8	26
92	Restricted access supramolecular solvents for removal of matrix-induced ionization effects in mass spectrometry: Application to the determination of Fusarium toxins in cereals. Talanta, 2016, 148, 370-379.	2.9	26
93	Differentiation and quantification of linear alkyl benzenesulfonate isomers by liquid chromatography-ion-trap mass spectrometry. Journal of Chromatography A, 2004, 1031, 17-25.	1.8	24
94	Analysis of linear alkylbenzene sulfonate homologues in environmental water samples by mixed admicelle-based extraction and liquid chromatography/mass spectrometry. Analyst, The, 2006, 131, 835-841.	1.7	24
95	Simultaneous and direct determination of pyridoxal, pyridoxal-5â€²-phosphate, and pyridoxic acid in serum by derivative synchronous fluorescence spectroscopy. Analytical Biochemistry, 1986, 157, 212-220.	1.1	23
96	Assessment of the surfactant-dye binding degree method as an alternative to the methylene blue method for the determination of anionic surfactants in aqueous environmental samples. Analytica Chimica Acta, 2007, 588, 252-260.	2.6	23
97	A simple and rapid extraction method for sensitive determination of perfluoroalkyl substances in blood serum suitable for exposure evaluation. Journal of Chromatography A, 2012, 1235, 84-91.	1.8	23
98	Enantioselective analysis of non-steroidal anti-inflammatory drugs in freshwater fish based on microextraction with a supramolecular liquid and chiral liquid chromatographyâ€“tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2015, 407, 4721-4731.	1.9	23
99	Multifunctional vesicular coacervates as engineered supramolecular solvents for wastewater treatment. Chemosphere, 2019, 223, 569-576.	4.2	23
100	Organic microheterogeneous systems in kinetic analysis. Self-assembled systems. A review. Analyst, The, 1996, 121, 33R-44R.	1.7	22
101	Analytical potential of mixed micelle-based methodology for the determination of ionic surfactants. Analytica Chimica Acta, 1997, 345, 75-86.	2.6	22
102	Fast, simple and efficient supramolecular solvent-based microextraction of mecoprop and dichlorprop in soils prior to their enantioselective determination by liquid chromatographyâ€“tandem mass spectrometry. Talanta, 2014, 119, 46-52.	2.9	22
103	Saliva-induced coacervation of inverted aggregates of hexanol for simplifying human biomonitoring: Application to the determination of free bisphenols. Talanta, 2019, 204, 465-474.	2.9	22
104	Kinetic determination of antimony(III) based on its accelerating effect on the reduction of 12-phosphomolybdate by ascorbic acid in a micellar medium. Analytical Chemistry, 1992, 64, 1490-1495.	3.2	21
105	Determination of drugs based on the formation of mixed aggregates with surfactants. Analytica Chimica Acta, 1998, 362, 285-297.	2.6	21
106	Generalized and rapid supramolecular solvent-based sample treatment for the determination of annatto in food. Journal of Chromatography A, 2011, 1218, 8996-9002.	1.8	21
107	Supramolecular Solvents for Green Chemistry. , 2017, , 111-137.		21
108	Restricted access supramolecular solvents for the simultaneous extraction and cleanup of ochratoxin A in spices subjected to EU regulation. Food Control, 2018, 88, 33-39.	2.8	21

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109	Speeding up the extraction of hexabromocyclododecane enantiomers in soils and sediments based on halogen bonding. Analytica Chimica Acta, 2018, 1027, 47-56.	2.6	21
110	Micellar catalysis in kinetic multicomponent analysis: simultaneous determination of binary mixtures of cyanide, sulfide, and sulfite ions. Analytical Chemistry, 1993, 65, 1897-1902.	3.2	20
111	Surfactantâ€“dye binding degree method for the determination of amphiphilic drugs. Analytica Chimica Acta, 2004, 522, 89-97.	2.6	20
112	Micellar effects on reaction kinetics. Analytica Chimica Acta, 1993, 284, 149-157.	2.6	19
113	Degradation of medical X-ray film developing wastewaters by advanced oxidation processes. Water Research, 2001, 35, 3845-3856.	5.3	19
114	Use of coacervates for the on-site extraction/preservation of polycyclic aromatic hydrocarbons and benzalkonium surfactants. Analytica Chimica Acta, 2007, 584, 181-188.	2.6	19
115	Bisphenol A and cognitive function in school-age boys: Is BPA predominantly related to behavior?. NeuroToxicology, 2019, 74, 162-171.	1.4	19
116	Supramolecular biosolvents made up of self-assembled rhamnolipids: synthesis and characterization. Green Chemistry, 2020, 22, 6115-6126.	4.6	19
117	Tailoring Bifunctional Periodic Mesoporous Organosilicas for Cooperative Catalysis. ACS Applied Nano Materials, 2020, 3, 2373-2382.	2.4	19
118	Determination of histamine by derivative synchronous fluorescence spectrometry. Analytical Chemistry, 1987, 59, 769-773.	3.2	18
119	Micellar effects on reaction kinetics. Analytica Chimica Acta, 1994, 297, 453-464.	2.6	18
120	Emerging bisphenol a replacements (colour developers) in indoor dust from Spain. Emerging Contaminants, 2019, 5, 168-172.	2.2	18
121	Micellar catalysis in kinetic methods of analysis: improvement of spectrophotometric catalytic determination of copper. Talanta, 1992, 39, 1163-1173.	2.9	17
122	Surfactant to Dye Binding Degree-Based Methodology for the Determination of Ionic Amphiphilic Compounds. Analytical Chemistry, 2003, 75, 6011-6016.	3.2	17
123	Determination of cationic surfactants in pharmaceuticals based on competitive aggregation in ternary amphiphile mixtures. Analytica Chimica Acta, 2006, 577, 257-263.	2.6	17
124	A high thermally stable oligomer-based supramolecular solvent for universal headspace Gas Chromatography: Proof-of-principle determination of residual solvents in drugs. Analytica Chimica Acta, 2019, 1046, 132-139.	2.6	17
125	A new sample treatment strategy based on simultaneous supramolecular solvent and dispersive solid-phase extraction for the determination of ionophore coccidiostats in all legislated foodstuffs. Food Chemistry, 2020, 326, 126987.	4.2	17
126	Fluorimetric determination of tin at the nanograms per millilitre level in canned beverages. Analyst, The, 1985, 110, 43-45.	1.7	16

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127	Pharmaceutical quality control of acid and neutral drugs based on competitive self-assembly in amphiphilic systems. Analyst, The, 2006, 131, 81-89.	1.7	16
128	Vesicular aggregate-based solventless microextraction of Ochratoxin A in dried vine fruits prior to liquid chromatography and fluorescence detection. Talanta, 2012, 89, 377-382.	2.9	16
129	Supramolecular solvent-based microextraction of aryl-phosphate flame retardants in indoor dust from houses and education buildings in Spain. Science of the Total Environment, 2020, 733, 139291.	3.9	16
130	Comprehensive supramolecular solvent-based sample treatment platform for evaluation of combined exposure to mixtures of bisphenols and derivatives by liquid chromatography-tandem mass spectrometry. Analytica Chimica Acta, 2021, 1144, 14-25.	2.6	16
131	The mixed aggregate method: a useful approach for the determination of amphiphilic substances. TrAC - Trends in Analytical Chemistry, 2001, 20, 241-254.	5.8	15
132	Quantitation of fusidane antibiotics in pharmaceuticals using the surfactantâ€“dye binding degree method. Analytica Chimica Acta, 2005, 549, 159-165.	2.6	15
133	Extraction and stability of pesticide multiresidues from natural water on a mixed-mode admicellar sorbent. Journal of Chromatography A, 2012, 1248, 74-83.	1.8	15
134	Determination of polysorbates in foods by formation of mixed micelles. Analytica Chimica Acta, 1999, 384, 175-183.	2.6	14
135	Simultaneous determination of cationic and nonionic surfactants in consumer products by use of mixed aggregate-based methodology. Analyst, The, 2000, 125, 1507-1512.	1.7	14
136	Determination of supplemental feeding needs for astaxanthin and canthaxanthin in salmonids by supramolecular solvent-based microextraction and liquid chromatographyâ€“UV/VIS spectroscopy. Food Chemistry, 2012, 134, 1244-1249.	4.2	14
137	Supramolecular solvent-based high-throughput sample treatment platform for the biomonitoring of PAH metabolites in urine by liquid chromatography-tandem mass spectrometry. Chemosphere, 2019, 237, 124525.	4.2	14
138	Restricted Access Volatile Supramolecular Solvents for Single-Step Extraction/Cleanup of Benzimidazole Anthelmintic Drugs in Milk Prior to LC-MS/MS. Journal of Agricultural and Food Chemistry, 2019, 67, 520-530.	2.4	14
139	Simultaneous spectrophotometric determination of chlorpromazine, perphenazine and acetopromazine by use of the kinetic wavelength pair-method. Analytica Chimica Acta, 1997, 349, 33-42.	2.6	13
140	Enantiomer-specific determination of hexabromocyclododecane in fish by supramolecular solvent-based single-step sample treatment and liquid chromatographyâ€“tandem mass spectrometry. Analytica Chimica Acta, 2012, 752, 62-68.	2.6	13
141	Simultaneous determination of histidine and histamine by second-derivative synchronous fluorescence spectrometry. Talanta, 1987, 34, 325-329.	2.9	12
142	Kinetic wavelength-pair method as an alternative approach to simultaneous multi-component analysis. Analytica Chimica Acta, 1991, 244, 81-88.	2.6	12
143	Quantitation of Tricyclic Antidepressant Drugs Based on the Formation of Mixed Aggregates with Surfactants. Journal of Pharmaceutical Sciences, 1998, 87, 821-826.	1.6	12
144	Multicore Magnetic Nanoparticles Coated with Oligomeric Micelles: Characterization and Potential for the Extraction of Contaminants over a Wide Polarity Range. Analytical Chemistry, 2017, 89, 1353-1361.	3.2	12

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145	Use of the triiodideâ€“hexadecylpyridinium chloride micellar system for the kinetic determination of molybdenum(VI). Analyst, The, 1993, 118, 715-718.	1.7	11
146	Pseudo-nonionic complexes as a new approach to the determination of ionic amphiphilic substances. Analytica Chimica Acta, 1999, 384, 105-115.	2.6	11
147	Study of the influence of water matrix components on admicellar sorbents. Analytical and Bioanalytical Chemistry, 2007, 388, 1823-1830.	1.9	11
148	Analytical potential of the interaction between triiodide ion and hexadecylpyridinium chloride micelles in an aqueous medium. Analytica Chimica Acta, 1992, 268, 145-151.	2.6	10
149	Indirect kinetic determination of As(III) based on its accelerating effect on the Os(VIII)-catalysed reaction between iodide and bromate in a micellar medium. Fresenius' Journal of Analytical Chemistry, 1992, 342, 327-332.	1.5	10
150	Improved catalytic photometric determination of iron(III) in cetylpyridinium premicellar aggregates. Analytica Chimica Acta, 1994, 295, 211-219.	2.6	10
151	Determination of aromatic hydrotropic drugs in pharmaceutical preparations by the surfactant-binding degree method. Analyst, The, 2005, 130, 1102.	1.7	10
152	Surfactant to dye binding degree based approach for the selective determination of l-glutamate in foodstuffs. Analytical and Bioanalytical Chemistry, 2007, 389, 2297-2302.	1.9	10
153	Halogen bonding for increasing efficiency in liquid-liquid microextraction: Application to the extraction of hexabromocyclododecane enantiomers in river water. Journal of Chromatography A, 2019, 1600, 95-104.	1.8	10
154	Quick and Sensitive Enantioselective Determination of Permethrin in Fruits and Vegetables by Combining Supramolecular Solvents and Chiral Liquid Chromatography-Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2020, 68, 9014-9023.	2.4	10
155	Exploring polar hydrophobicity in organized media for extracting oligopeptides: application to the extraction of opiorphin in human saliva. Journal of Chromatography A, 2021, 1635, 461777.	1.8	10
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