

Rafael Cela

List of Publications by Year in descending order

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333
papers

13,670
citations

22548

61
h-index

48101

92
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334
all docs

334
docs citations

334
times ranked

9901
citing authors

#	ARTICLE	IF	CITATIONS
1	A new strategy for the computer-assisted development of reversed-phase liquid chromatography separation methods of unknown sample mixtures. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 587-600.	1.9	0
2	Transformation products of the high-volume production chemicals 1-vinyl-2-pyrrolidinone and 2-piperazin-1-ylethanamine formed by UV photolysis. <i>Chemosphere</i> , 2022, 287, 132394.	4.2	0
3	Approaches to liquid chromatography tandem mass spectrometry assessment of glyphosate residues in wine. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 1445-1455.	1.9	10
4	Mimicking human ingestion of microplastics: Oral bioaccessibility tests of bisphenol A and phthalate esters under fed and fasted states. <i>Science of the Total Environment</i> , 2022, 826, 154027.	3.9	10
5	Development and application of an in-house library and workflow for gas chromatography- ² electron ionization-accurate-mass/high-resolution mass spectrometry screening of environmental samples. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 6327-6340.	1.9	4
6	Solid-phase extraction and fractionation of multiclass pollutants from wastewater followed by liquid chromatography tandem-mass spectrometry analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 4149-4165.	1.9	5
7	Supercritical fluid chromatography time-of-flight mass spectrometry enantiomeric determination of basic drugs in sewage samples. <i>Journal of Chromatography A</i> , 2022, 1673, 463088.	1.8	5
8	Use of illicit drugs, alcohol and tobacco in Spain and Portugal during the COVID-19 crisis in 2020 as measured by wastewater-based epidemiology. <i>Science of the Total Environment</i> , 2022, 836, 155697.	3.9	22
9	Assessing population exposure to phthalate plasticizers in thirteen Spanish cities through the analysis of wastewater. <i>Journal of Hazardous Materials</i> , 2021, 401, 123272.	6.5	39
10	Assessment of UV combined with free chlorine for removal of valsartan acid from water samples. <i>Science of the Total Environment</i> , 2021, 762, 143173.	3.9	3
11	Comprehensive determination of phthalate, terephthalate and di-iso-nonyl cyclohexane-1,2-dicarboxylate metabolites in wastewater by solid-phase extraction and ultra(high)-performance liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2021, 224, 121912.	2.9	13
12	Reaction of phenazone-type drugs and metabolites with chlorine and monochloramine. <i>Science of the Total Environment</i> , 2021, 757, 143770.	3.9	8
13	Combination of different chromatographic and sampling modes for high-resolution mass spectrometric screening of organic microcontaminants in water. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 5607-5618.	1.9	18
14	Supercritical fluid chromatography-mass spectrometric determination of chiral fungicides in viticulture-related samples. <i>Journal of Chromatography A</i> , 2021, 1644, 462124.	1.8	6
15	Identification and determination of emerging pollutants in sewage sludge driven by UPLC-QTOF-MS data mining. <i>Science of the Total Environment</i> , 2021, 778, 146256.	3.9	18
16	Assessment of direct analysis in real time accurate mass spectrometry for the determination of triclosan in complex matrices. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 6355-6364.	1.9	7
17	Source identification of amphetamine-like stimulants in Spanish wastewater through enantiomeric profiling. <i>Water Research</i> , 2021, 206, 117719.	5.3	13
18	Determination of 18 organophosphorus flame retardants/plasticizers in mussel samples by matrix solid-phase dispersion combined to liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2020, 208, 120470.	2.9	33

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19	Robustness assessment in computer-assisted liquid chromatography procedures based on desirability functions. <i>Journal of Chromatography A</i> , 2020, 1609, 460439.	1.8	4
20	Chlorination and bromination of 1,3-diphenylguanidine and 1,3-di-o-tolylguanidine: Kinetics, transformation products and toxicity assessment. <i>Journal of Hazardous Materials</i> , 2020, 385, 121590.	6.5	35
21	Multiresidue procedure to assess the occurrence and dissipation of fungicides and insecticides in vineyard soils from Northwest Spain. <i>Chemosphere</i> , 2020, 261, 127696.	4.2	19
22	First nation-wide estimation of tobacco consumption in Spain using wastewater-based epidemiology. <i>Science of the Total Environment</i> , 2020, 741, 140384.	3.9	24
23	Residues of anilinopyrimidine fungicides and suspected metabolites in wine samples. <i>Journal of Chromatography A</i> , 2020, 1622, 461104.	1.8	8
24	Determination of N-Nitrosamines by Gas Chromatography Coupled to Quadrupoleâ€“Time-of-Flight Mass Spectrometry in Water Samples. <i>Separations</i> , 2020, 7, 3.	1.1	15
25	Portable dehumidifiers condensed water: A novel matrix for the screening of semi-volatile compounds in indoor air. <i>Chemosphere</i> , 2020, 251, 126346.	4.2	11
26	Evaluation of supercritical fluid chromatography accurate mass spectrometry for neonicotinoid compounds determination in wine samples. <i>Journal of Chromatography A</i> , 2020, 1620, 460963.	1.8	14
27	Applicability of mixed-mode chromatography for the simultaneous analysis of C1-C18 perfluoroalkylated substances. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 4849-4856.	1.9	14
28	Free chlorine reactions of angiotensin II receptor antagonists: Kinetics study, transformation products elucidation and in-silico ecotoxicity assessment. <i>Science of the Total Environment</i> , 2019, 647, 1000-1010.	3.9	18
29	Assessment of gas chromatography time-of-flight mass spectrometry for the screening of semi-volatile compounds in indoor dust. <i>Science of the Total Environment</i> , 2019, 688, 162-173.	3.9	20
30	Direct analysis in real time accurate mass spectrometry determination of bisphenol A in thermal printing paper. <i>Talanta</i> , 2019, 205, 120086.	2.9	17
31	Determination of human metabolites of chlorinated phosphorous flame retardants in wastewater by N-tert-butyltrimethylsilyl-N-methyltrifluoroacetamide-derivatization and gas chromatography-high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1602, 450-457.	1.8	7
32	Legacy and emerging pollutants in marine bivalves from the Galician coast (NW Spain). <i>Environment International</i> , 2019, 129, 364-375.	4.8	51
33	Determination of Persistent and Mobile Organic Contaminants (PMOCs) in Water by Mixed-Mode Liquid Chromatographyâ€“Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 5176-5183.	3.2	41
34	Profiling cocaine residues and pyrolytic products in wastewater by mixedâ€“mode liquid chromatographyâ€“tandem mass spectrometry. <i>Drug Testing and Analysis</i> , 2019, 11, 1018-1027.	1.6	11
35	Fabric phase sorptive extraction followed by ultra-performance liquid chromatography-tandem mass spectrometry for the determination of fungicides and insecticides in wine. <i>Journal of Chromatography A</i> , 2019, 1584, 13-23.	1.8	16
36	Dispersive liquidâ€“liquid microextraction and gas chromatography accurate mass spectrometry for extraction and non-targeted profiling of volatile and semi-volatile compounds in grape marc distillates. <i>Journal of Chromatography A</i> , 2018, 1546, 36-45.	1.8	20

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37	Assessment of alcoholic distillates for the extraction of bioactive polyphenols from grapevine canes. <i>Industrial Crops and Products</i> , 2018, 111, 99-106.	2.5	22
38	Evaluation of the aqueous phototransformation routes of phenyl ethyl azolic fungicides by liquid chromatography accurate mass spectrometry. <i>Science of the Total Environment</i> , 2018, 615, 942-954.	3.9	13
39	Multianalyte, high-throughput liquid chromatography tandem mass spectrometry method for the sensitive determination of fungicides and insecticides in wine. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1139-1150.	1.9	17
40	Multi-residue determination of psychoactive pharmaceuticals, illicit drugs and related metabolites in wastewater by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1569, 91-100.	1.8	39
41	Determination of cardiovascular drugs in sewage sludge by matrix solid-phase dispersion and ultra-performance liquid chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6807-6817.	1.9	16
42	Photodegradation of nitenpyram under UV and solar radiation: Kinetics, transformation products identification and toxicity prediction. <i>Science of the Total Environment</i> , 2018, 644, 995-1005.	3.9	30
43	In-vitro estimation of bioaccessibility of chlorinated organophosphate flame retardants in indoor dust by fasting and fed physiologically relevant extraction tests. <i>Science of the Total Environment</i> , 2017, 580, 540-549.	3.9	22
44	Liquid chromatography quadrupole time-of-flight mass spectrometry identification and determination of tri- and hexaaryl chloro imidazoles in sewage sludge. <i>Journal of Mass Spectrometry</i> , 2017, 52, 69-77.	0.7	1
45	Wastewater-Based Epidemiology as a New Tool for Estimating Population Exposure to Phthalate Plasticizers. <i>Environmental Science & Technology</i> , 2017, 51, 3902-3910.	4.6	88
46	Screening for Polar Chemicals in Water by Trifunctional Mixed-Mode Liquid Chromatography-High Resolution Mass Spectrometry. <i>Environmental Science & Technology</i> , 2017, 51, 6250-6259.	4.6	68
47	Reaction of diazepam and related benzodiazepines with chlorine. Kinetics, transformation products and in-silico toxicological assessment. <i>Water Research</i> , 2017, 120, 280-289.	5.3	67
48	A simple and sensitive approach to quantify methyl farnesoate in whole arthropods by matrix-solid phase dispersion and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1508, 158-162.	1.8	7
49	Assessment of quinoxifen phototransformation pathways by liquid chromatography coupled to accurate mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 2981-2991.	1.9	8
50	Accurate determination of 3-alkyl-2-methoxypyrazines in wines by gas chromatography quadrupole time-of-flight tandem mass spectrometry following solid-phase extraction and dispersive liquid-liquid microextraction. <i>Journal of Chromatography A</i> , 2017, 1515, 30-36.	1.8	5
51	Evaluation of nitrate effects in the aqueous photodegradability of selected phenolic pollutants. <i>Chemosphere</i> , 2017, 185, 127-136.	4.2	17
52	Selective extraction and determination of neonicotinoid insecticides in wine by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1460, 9-15.	1.8	33
53	Identification and determination of chlorinated azoles in sludge using liquid chromatography quadrupole time-of-flight and triple quadrupole mass spectrometry platforms. <i>Journal of Chromatography A</i> , 2016, 1476, 69-76.	1.8	24
54	Evaluation of nitrate effects in the photodegradability of cyprodinil. Kinetics study and transformation products elucidation. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 4455-4464.	1.9	5

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55	Matrix solid-phase dispersion combined to liquid chromatography-tandem mass spectrometry for the determination of paraben preservatives in mollusks. <i>Journal of Chromatography A</i> , 2016, 1459, 57-66.	1.8	22
56	Matrix solid-phase dispersion followed by liquid chromatography tandem mass spectrometry for the determination of selective cyclooxygenase-2 inhibitors in sewage sludge samples. <i>Journal of Chromatography A</i> , 2016, 1462, 35-43.	1.8	14
57	Multiclass semi-volatile compounds determination in wine by gas chromatography accurate time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1442, 107-117.	1.8	40
58	Time-of-flight mass spectrometry assessment of fluconazole and climbazole UV and UV/H ₂ O ₂ degradability: Kinetics study and transformation products elucidation. <i>Water Research</i> , 2016, 88, 681-690.	5.3	37
59	Liquid chromatography quadrupole time-of-flight mass spectrometry selective determination of ochratoxin A in wine. <i>Food Chemistry</i> , 2016, 199, 401-408.	4.2	20
60	Solid-phase extraction of perfluoroalkylated compounds from sea water. <i>Journal of Separation Science</i> , 2015, 38, 1942-1950.	1.3	12
61	Determination of the cardiac drug amiodarone and its N-desethyl metabolite in sludge samples. <i>Journal of Chromatography A</i> , 2015, 1394, 62-70.	1.8	12
62	Time-of-flight accurate mass spectrometry identification of quinoline alkaloids in honey. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6159-6170.	1.9	6
63	Fabric phase sorptive extraction: A new sorptive microextraction technique for the determination of non-steroidal anti-inflammatory drugs from environmental water samples. <i>Analytica Chimica Acta</i> , 2015, 865, 22-30.	2.6	82
64	Comprehensive evaluation of the photo-transformation routes of trans-resveratrol. <i>Journal of Chromatography A</i> , 2015, 1410, 129-139.	1.8	29
65	Identification of antimycotic drugs transformation products upon UV exposure. <i>Journal of Hazardous Materials</i> , 2015, 289, 72-82.	6.5	8
66	Reactivity of β_2 -blockers/agonists with aqueous permanganate. Kinetics and transformation products of salbutamol. <i>Water Research</i> , 2015, 79, 48-56.	5.3	13
67	Selective determination of COXIBs in environmental water samples by mixed-mode solid phase extraction and liquid chromatography quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1420, 35-45.	1.8	26
68	Healthy effect of different proportions of marine ω -3 PUFAs EPA and DHA supplementation in Wistar rats: Lipidomic biomarkers of oxidative stress and inflammation. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1385-1392.	1.9	64
69	Application of polypropylene tubes as single-use and low-cost sorptive extraction materials for the determination of benzodiazepines and zolpidem in water samples. <i>Microchemical Journal</i> , 2015, 119, 58-65.	2.3	14
70	Transformation of methadone and its main human metabolite, 2-ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine (EDDP), during water chlorination. <i>Water Research</i> , 2015, 68, 759-770.	5.3	19
71	Determination of artificial sweeteners in beverages with green mobile phases and high temperature liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2015, 169, 162-168.	4.2	37
72	Selective extraction of antimycotic drugs from sludge samples using matrix solid-phase dispersion followed by on-line clean-up. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 907-917.	1.9	31

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73	Evaluation of polyethersulfone performance for the microextraction of polar chlorinated herbicides from environmental water samples. <i>Talanta</i> , 2014, 122, 264-271.	2.9	17
74	Determination of benzotriazoles in water samples by concurrent derivatizationâ€“dispersive liquidâ€“liquid microextraction followed by gas chromatographyâ€“mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1336, 1-9.	1.8	33
75	Lipidomic analysis of polyunsaturated fatty acids and their oxygenated metabolites in plasma by solid-phase extraction followed by LC-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 2827-2839.	1.9	30
76	Simplified matrix solid phase dispersion procedure for the determination of parabens and benzophenone-ultraviolet filters in human placental tissue samples. <i>Journal of Chromatography A</i> , 2014, 1371, 39-47.	1.8	55
77	Assessment of dispersive liquidâ€“liquid microextraction conditions for gas chromatography time-of-flight mass spectrometry identification of organic compounds in honey. <i>Journal of Chromatography A</i> , 2014, 1368, 26-36.	1.8	17
78	Assessment of gas chromatography time-of-flight accurate mass spectrometry for identification of volatile and semi-volatile compounds in honey. <i>Talanta</i> , 2014, 129, 505-515.	2.9	40
79	Matrix solid-phase dispersion of polybrominated diphenyl ethers and their hydroxylated and methoxylated analogues in lettuce, carrot and soil. <i>Journal of Chromatography A</i> , 2014, 1360, 57-65.	1.8	20
80	Investigation of liquid chromatography quadrupole time-of-flight mass spectrometry performance for identification and determination of hydroxylated stilbene antioxidants in wine. <i>Journal of Chromatography A</i> , 2014, 1337, 162-170.	1.8	28
81	Selective determination of antimycotic drugs in environmental water samples by mixed-mode solid-phase extraction and liquid chromatography quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1339, 42-49.	1.8	74
82	Liquid chromatography quadrupole time-of-flight mass spectrometry quantification and screening of organophosphate compounds in sludge. <i>Talanta</i> , 2014, 118, 312-320.	2.9	23
83	Ion-pair reversed-phase liquid chromatographyâ€“quadrupole-time-of-flight and triple-quadrupoleâ€“mass spectrometry determination of ethyl sulfate in wastewater for alcohol consumption tracing. <i>Journal of Chromatography A</i> , 2014, 1328, 35-42.	1.8	48
84	Determination of benzodiazepines, related pharmaceuticals and metabolites in water by solid-phase extraction and liquid-chromatographyâ€“tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1352, 69-79.	1.8	48
85	Assessment of Local Tobacco Consumption by Liquid Chromatographyâ€“Tandem Mass Spectrometry Sewage Analysis of Nicotine and Its Metabolites, Cotinine and trans-3â€“Hydroxycotinine, after Enzymatic Deconjugation. <i>Analytical Chemistry</i> , 2014, 86, 10274-10281.	3.2	70
86	Assessment of silicone as support to investigate the transformation routes of organic chemicals under environmental conditions and UV exposure. Application to selected fungicides. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4187-4198.	1.9	12
87	Matrix solid-phase dispersion combined with gas chromatographyâ€“mass spectrometry for the determination of fifteen halogenated flame retardants in mollusks. <i>Journal of Chromatography A</i> , 2013, 1300, 85-94.	1.8	36
88	Polyethersulfone solid-phase microextraction followed by liquid chromatography quadrupole time-of-flight mass spectrometry for benzotriazoles determination in water samples. <i>Journal of Chromatography A</i> , 2013, 1299, 40-47.	1.8	22
89	A new treatment by dispersive liquidâ€“liquid microextraction for the determination of parabens in human serum samples. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 7259-7267.	1.9	37
90	In-line sequential injection-based hollow-fiber sorptive microextraction as a front-end to gas chromatographyâ€“mass spectrometry: a novel fully automatic sample processing technique for residue analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 8653-8662.	1.9	7

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91	Determination of artificial sweeteners in sewage sludge samples using pressurised liquid extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1320, 10-16.	1.8	40
92	Optimization of matrix solid-phase dispersion conditions for UV filters determination in biota samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 1174-1188.	1.8	20
93	Chemometric-assisted method development in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2013, 1287, 2-22.	1.8	62
94	Gas chromatography quadrupole time-of-flight mass spectrometry determination of benzotriazole ultraviolet stabilizers in sludge samples. <i>Journal of Chromatography A</i> , 2013, 1293, 126-132.	1.8	33
95	Investigation of the transformation of 11-nor-9-carboxy- δ^9 -tetrahydrocannabinol during water chlorination by liquid chromatography-quadrupole-time-of-flight-mass spectrometry. <i>Journal of Hazardous Materials</i> , 2013, 261, 628-636.	6.5	33
96	Oxidation of non-steroidal anti-inflammatory drugs with aqueous permanganate. <i>Water Research</i> , 2013, 47, 3220-3230.	5.3	60
97	In-sample derivatization-solid-phase microextraction of amphetamines and ecstasy related stimulants from water and urine. <i>Analytica Chimica Acta</i> , 2013, 770, 75-84.	2.6	39
98	Application of polydimethylsiloxane rod extraction to the determination of sixteen halogenated flame retardants in water samples. <i>Analytica Chimica Acta</i> , 2013, 770, 85-93.	2.6	12
99	Liquid chromatography time-of-flight mass spectrometry evaluation of fungicides reactivity in free chlorine containing water samples. <i>Journal of Mass Spectrometry</i> , 2013, 48, 216-226.	0.7	8
100	A Binary-Like Approach for the Computer Assisted Method Development of Isocratic and Programmed Ternary Solvent Elutions in Reversed-Phase Liquid Chromatography. <i>Journal of Chromatographic Science</i> , 2012, 50, 33-42.	0.7	2
101	Dispersive liquid-liquid microextraction with non-halogenated extractants for trihalomethanes determination in tap and swimming pool water. <i>Talanta</i> , 2012, 99, 846-852.	2.9	18
102	Transformation of phenazone-type drugs during chlorination. <i>Water Research</i> , 2012, 46, 2457-2468.	5.3	58
103	Evaluation of low-cost disposable polymeric materials for sorptive extraction of organic pollutants in water samples. <i>Analytica Chimica Acta</i> , 2012, 716, 119-127.	2.6	28
104	Fractions of Rechtschaffner matrices as supersaturated designs in screening experiments aimed at evaluating main and two-factor interaction effects. <i>Analytica Chimica Acta</i> , 2012, 721, 44-54.	2.6	3
105	Ion-pair sorptive extraction of perfluorinated compounds from water with low-cost polymeric materials: Polyethersulfone vs polydimethylsiloxane. <i>Analytica Chimica Acta</i> , 2012, 740, 50-57.	2.6	37
106	Assessment of benzophenone-4 reactivity with free chlorine by liquid chromatography quadrupole time-of-flight mass spectrometry. <i>Analytica Chimica Acta</i> , 2012, 743, 101-110.	2.6	42
107	Determination of δ^9 -tetrahydrocannabinol and 11-nor-9-carboxy- δ^9 -tetrahydrocannabinol in water samples by solid-phase microextraction with on-fiber derivatization and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1245, 167-174.	1.8	40
108	Determination of hydroxylated stilbenes in wine by dispersive liquid-liquid microextraction followed by gas chromatography mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1258, 21-29.	1.8	36

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109	Screening and Selective Quantification of Illicit Drugs in Wastewater by Mixed-Mode Solid-Phase Extraction and Quadrupole-Time-of-Flight Liquid Chromatography–Mass Spectrometry. <i>Analytical Chemistry</i> , 2012, 84, 1708-1717.	3.2	111
110	Determination of artificial sweeteners in water samples by solid-phase extraction and liquid chromatography–tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1256, 197-205.	1.8	90
111	Transformation of cocaine during water chlorination. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 3135-3144.	1.9	21
112	Optimization of matrix solid–phase dispersion conditions for organic fungicides determination in soil samples. <i>Journal of Separation Science</i> , 2012, 35, 853-860.	1.3	12
113	Reaction of β -blockers and β -agonist pharmaceuticals with aqueous chlorine. Investigation of kinetics and by-products by liquid chromatography quadrupole time-of-flight mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 2385-2395.	1.9	29
114	Construction of mixed-level supersaturated designs and comparison of their performance: Application to a gas chromatographic method. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2012, 110, 55-63.	1.8	1
115	New cluster mapping tools for the graphical assessment of non-dominated solutions in multi-objective optimization. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2012, 114, 72-86.	1.8	13
116	Mixed-mode solid-phase extraction followed by dispersive liquid–liquid microextraction for the sensitive determination of ethylphenols in red wines. <i>Journal of Chromatography A</i> , 2012, 1229, 79-85.	1.8	30
117	Computer assisted optimization of liquid chromatographic separations of small molecules using mixed-mode stationary phases. <i>Journal of Chromatography A</i> , 2012, 1238, 91-104.	1.8	18
118	Oxidation of synthetic phenolic antioxidants during water chlorination. <i>Journal of Hazardous Materials</i> , 2012, 199-200, 73-81.	6.5	67
119	Determination of perfluorinated compounds in mollusks by matrix solid-phase dispersion and liquid chromatography–tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 509-518.	1.9	34
120	Matrix solid-phase dispersion followed by gas chromatography tandem mass spectrometry for the determination of benzotriazole UV absorbers in sediments. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 519-527.	1.9	31
121	Optimization of a dispersive liquid–liquid microextraction method for the analysis of benzotriazoles and benzothiazoles in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 1679-1695.	1.9	41
122	Simultaneous determination of benzotriazole and benzothiazole derivatives in aqueous matrices by mixed-mode solid-phase extraction followed by liquid chromatography–tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 2471-2478.	1.9	44
123	Evaluation of the occurrence and biodegradation of parabens and halogenated by-products in wastewater by accurate-mass liquid chromatography-quadrupole-time-of-flight-mass spectrometry (LC-QTOF-MS). <i>Water Research</i> , 2011, 45, 6770-6780.	5.3	176
124	Dispersive liquid–liquid microextraction using non-chlorinated, lighter than water solvents for gas chromatography–mass spectrometry determination of fungicides in wine. <i>Journal of Chromatography A</i> , 2011, 1218, 6603-6611.	1.8	49
125	Computer-assisted modelling and optimisation of reversed-phase high-temperature liquid chromatographic (RP-HTLC) separations. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 1951-1964.	1.9	9
126	Silicone discs as disposable enrichment probes for gas chromatography-mass spectrometry determination of UV filters in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 603-611.	1.9	16

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127	Liquid chromatography time-of-flight mass spectrometry following sorptive microextraction for the determination of fungicide residues in wine. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 767-775.	1.9	22
128	Optimization of pressurized liquid extraction and purification conditions for gas chromatography-mass spectrometry determination of UV filters in sludge. <i>Journal of Chromatography A</i> , 2011, 1218, 211-217.	1.8	43
129	Supersaturated designs for computer experiments: Comparison of construction methods and new methods of treatment adapted to the high dimensional problem. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2011, 105, 137-146.	1.8	7
130	Solid-phase extraction followed by liquid chromatography quadrupole time-of-flight tandem mass spectrometry for the selective determination of fungicides in wine samples. <i>Journal of Chromatography A</i> , 2011, 1218, 2165-2175.	1.8	47
131	A sensitive and efficient procedure for the high throughput determination of banned aromatic amines in textiles and leather products aided by advanced sample composition. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 751-763.	1.9	23
132	Headspace solid-phase microextraction followed by gas chromatography tandem mass spectrometry for the sensitive determination of benzotriazole UV stabilizers in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 829-839.	1.9	45
133	In-sample acetylation-non-porous membrane-assisted liquid-liquid extraction for the determination of parabens and triclosan in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 2559-2568.	1.9	48
134	Microwave-assisted extraction and large-volume injection gas chromatography tandem mass spectrometry determination of multiresidue pesticides in edible seaweed. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1005-1016.	1.9	17
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