

Rafael Cela

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

333
papers

11,884
citations

56
h-index

86
g-index

334
ext. papers

12,602
ext. citations

5.3
avg. IF

6.37
L-index

#	Paper	IF	Citations
333	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	8.4	
332	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	10.2	1
331	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 , 1	4.4	1
330	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	4.5	1
329	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 , 155697	10.2	1
328	Approaches to liquid chromatography tandem mass spectrometry assessment of glyphosate residues in wine. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 1	4.4	2
327	Supercritical fluid chromatography-mass spectrometric determination of chiral fungicides in viticulture-related samples. <i>Journal of Chromatography A</i> , 2021 , 1644, 462124	4.5	2
326	Assessing population exposure to phthalate plasticizers in thirteen Spanish cities through the analysis of wastewater. <i>Journal of Hazardous Materials</i> , 2021 , 401, 123272	12.8	15
325	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	10.2	1
324	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	6.2	7
323	Reaction of phenazone-type drugs and metabolites with chlorine and monochloramine. <i>Science of the Total Environment</i> , 2021 , 757, 143770	10.2	3
322	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	4.4	10
321	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	10.2	3
320	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> , 2021 , 1	4.4	
319	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	4.4	2
318	Source identification of amphetamine-like stimulants in Spanish wastewater through enantiomeric profiling. <i>Water Research</i> , 2021 , 206, 117719	12.5	2
317	Development and application of an in-house library and workflow for gas chromatography-electron ionization-accurate-mass/high-resolution mass spectrometry screening of environmental samples. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 1	4.4	1

316	First nation-wide estimation of tobacco consumption in Spain using wastewater-based epidemiology. <i>Science of the Total Environment</i> , 2020 , 741, 140384	10.2	12
315	Residues of anilinopyrimidine fungicides and suspected metabolites in wine samples. <i>Journal of Chromatography A</i> , 2020 , 1622, 461104	4.5	7
314	Determination of N-Nitrosamines by Gas Chromatography Coupled to Quadrupole-Time-of-Flight Mass Spectrometry in Water Samples. <i>Separations</i> , 2020 , 7, 3	3.1	7
313	Portable dehumidifiers condensed water: A novel matrix for the screening of semi-volatile compounds in indoor air. <i>Chemosphere</i> , 2020 , 251, 126346	8.4	7
312	Evaluation of supercritical fluid chromatography accurate mass spectrometry for neonicotinoid compounds determination in wine samples. <i>Journal of Chromatography A</i> , 2020 , 1620, 460963	4.5	9
311	Applicability of mixed-mode chromatography for the simultaneous analysis of C-C perfluoroalkylated substances. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 4849-4856	4.4	6
310	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	12.8	15
309	Multiresidue procedure to assess the occurrence and dissipation of fungicides and insecticides in vineyard soils from Northwest Spain. <i>Chemosphere</i> , 2020 , 261, 127696	8.4	6
308	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	6.2	18
307	Robustness assessment in computer-assisted liquid chromatography procedures based on desirability functions. <i>Journal of Chromatography A</i> , 2020 , 1609, 460439	4.5	2
306	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	10.2	6
305	Direct analysis in real time accurate mass spectrometry determination of bisphenol A in thermal printing paper. <i>Talanta</i> , 2019 , 205, 120086	6.2	15
304	Determination of human metabolites of chlorinated phosphorous flame retardants in wastewater by N-tert-butyldimethylsilyl-N-methyltrifluoroacetamide-derivatization and gas chromatography-high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2019 , 1602, 450-457	4.5	5
303	Legacy and emerging pollutants in marine bivalves from the Galician coast (NW Spain). <i>Environment International</i> , 2019 , 129, 364-375	12.9	30
302	Determination of Persistent and Mobile Organic Contaminants (PMOCs) in Water by Mixed-Mode Liquid Chromatography-Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2019 , 91, 5176-5183	7.8	17
301	Profiling cocaine residues and pyrolytic products in wastewater by mixed-mode liquid chromatography-tandem mass spectrometry. <i>Drug Testing and Analysis</i> , 2019 , 11, 1018-1027	3.5	6
300	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	10.2	14
299	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	4.5	13

298	Dispersive liquid-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	4.5	11
297	Assessment of alcoholic distillates for the extraction of bioactive polyphenols from grapevine canes. <i>Industrial Crops and Products</i> , 2018 , 111, 99-106	5.9	14
296	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	10.2	10
295	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	4.5	28
294	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	4.4	13
293	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	10.2	27
292	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	4.4	15
291	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	10.2	17
290	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	2.2	
289	Wastewater-Based Epidemiology as a New Tool for Estimating Population Exposure to Phthalate Plasticizers. <i>Environmental Science & Technology</i> , 2017 , 51, 3902-3910	10.3	60
288	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	10.3	46
287	Reaction of diazepam and related benzodiazepines with chlorine. Kinetics, transformation products and in-silico toxicological assessment. <i>Water Research</i> , 2017 , 120, 280-289	12.5	48
286	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	4.5	6
285	Assessment of quinoxifen phototransformation pathways by liquid chromatography coupled to accurate mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 2981-2991	4.4	6
284	Accurate determination of 3-alkyl-2-methoxy-pyrazines 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	4.5	3
283	Evaluation of nitrate effects in the aqueous photodegradability of selected phenolic pollutants. <i>Chemosphere</i> , 2017 , 185, 127-136	8.4	9
282	Matrix solid-phase dispersion followed by liquid chromatography tandem mass spectrometry for the determination of selective cicloxygenase-2 inhibitors in sewage sludge samples. <i>Journal of Chromatography A</i> , 2016 , 1462, 35-43	4.5	9
281	Multiclass semi-volatile compounds determination in wine by gas chromatography accurate time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2016 , 1442, 107-17	4.5	35

280	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	12.5	27
279	Liquid chromatography quadrupole time-of-flight mass spectrometry selective determination of ochratoxin A in wine. <i>Food Chemistry</i> , 2016 , 199, 401-8	8.5	19
278	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	4.5	26
277	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	4.5	17
276	Evaluation of nitrate effects in the photodegradability of cyprodinil. Kinetics study and transformation products elucidation. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 4455-64	4.4	5
275	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	4.5	19
274	Comprehensive evaluation of the photo-transformation routes of trans-resveratrol. <i>Journal of Chromatography A</i> , 2015 , 1410, 129-39	4.5	22
273	Identification of antimycotic drugs transformation products upon UV exposure. <i>Journal of Hazardous Materials</i> , 2015 , 289, 72-82	12.8	6
272	Reactivity of β -blockers/agonists with aqueous permanganate. Kinetics and transformation products of salbutamol. <i>Water Research</i> , 2015 , 79, 48-56	12.5	11
271	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	4.5	19
270	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, 1385-92	6.3	50
269	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	4.8	12
268	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, 759-70	12.5	18
267	Determination of artificial sweeteners in beverages with green mobile phases and high temperature liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2015 , 169, 162-8	8.5	29
266	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, 907-17	4.4	26
265	Solid-phase extraction of perfluoroalkylated compounds from sea water. <i>Journal of Separation Science</i> , 2015 , 38, 1942-50	3.4	12
264	Determination of the cardiac drug amiodarone and its N-desethyl metabolite in sludge samples. <i>Journal of Chromatography A</i> , 2015 , 1394, 62-70	4.5	11
263	Time-of-flight accurate mass spectrometry identification of quinoline alkaloids in honey. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 6159-70	4.4	4

262	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	6.6	68
261	Determination of benzotriazoles in water samples by concurrent derivatization-dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2014 , 1336, 1-9	4.5	27
260	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, 2827-39	4.4	28
259	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	4.5	44
258	Assessment of dispersive liquid-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	4.5	14
257	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, 505-15	6.2	31
256	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	4.5	18
255	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, 162-70	4.5	25
254	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, 42-9	4.5	63
253	Liquid chromatography quadrupole time-of-flight mass spectrometry quantification and screening of organophosphate compounds in sludge. <i>Talanta</i> , 2014 , 118, 312-20	6.2	22
252	Ion-pair reversed-phase liquid chromatography-quadrupole-time-of-flight and triple-quadrupole-mass spectrometry determination of ethyl sulfate in wastewater for alcohol consumption tracing. <i>Journal of Chromatography A</i> , 2014 , 1328, 35-42	4.5	41
251	Determination of benzodiazepines, related pharmaceuticals and metabolites in water by solid-phase extraction and liquid-chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014 , 1352, 69-79	4.5	40
250	Assessment of local tobacco consumption by liquid chromatography-tandem mass spectrometry sewage analysis of nicotine and its metabolites, cotinine and trans-3'-hydroxycotinine, after enzymatic deconjugation. <i>Analytical Chemistry</i> , 2014 , 86, 10274-81	7.8	54
249	New Sample Preparation Strategies for Analytical Determinations 2014 , 1-98		3
248	Evaluation of polyethersulfone performance for the microextraction of polar chlorinated herbicides from environmental water samples. <i>Talanta</i> , 2014 , 122, 264-71	6.2	14
247	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, 4187-98	4.4	8
246	Matrix solid-phase dispersion combined with gas chromatography-mass spectrometry for the determination of fifteen halogenated flame retardants in mollusks. <i>Journal of Chromatography A</i> , 2013 , 1300, 85-94	4.5	29
245	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, 40-7	4.5	20

244	A new treatment by dispersive liquid-liquid microextraction for the determination of parabens in human serum samples. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 7259-67	4.4	34
243	In-line sequential injection-based hollow-fiber sorptive microextraction as a front-end to gas chromatography-mass spectrometry: a novel fully automatic sample processing technique for residue analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 8653-62	4.4	6
242	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, 10-6	4.5	33
241	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	15
240	Chemometric-assisted method development in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2013 , 1287, 2-22	4.5	54
239	Gas chromatography quadrupole time-of-flight mass spectrometry determination of benzotriazole ultraviolet stabilizers in sludge samples. <i>Journal of Chromatography A</i> , 2013 , 1293, 126-32	4.5	30
238	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, 628-36	12.8	29
237	Oxidation of non-steroidal anti-inflammatory drugs with aqueous permanganate. <i>Water Research</i> , 2013 , 47, 3220-30	12.5	45
236	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	6.6	34
235	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	6.6	12
234	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, 216-26	2.2	8
233	Oxidation of synthetic phenolic antioxidants during water chlorination. <i>Journal of Hazardous Materials</i> , 2012 , 199-200, 73-81	12.8	48
232	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, 509-18	4.4	33
231	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, 519-27	4.4	27
230	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, 1679-95	4.4	35
229	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, 2471-8	4.4	35
228	Dispersive liquid-liquid microextraction with non-halogenated extractants for trihalomethanes determination in tap and swimming pool water. <i>Talanta</i> , 2012 , 99, 846-52	6.2	15
227	Transformation of phenazone-type drugs during chlorination. <i>Water Research</i> , 2012 , 46, 2457-68	12.5	53

226	Evaluation of low-cost disposable polymeric materials for sorptive extraction of organic pollutants in water samples. <i>Analytica Chimica Acta</i> , 2012 , 716, 119-27	6.6	26
225	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	6.6	3
224	Ion-pair sorptive extraction of perfluorinated compounds from water with low-cost polymeric materials: polyethersulfone vs polydimethylsiloxane. <i>Analytica Chimica Acta</i> , 2012 , 740, 50-7	6.6	32
223	Assessment of benzophenone-4 reactivity with free chlorine by liquid chromatography quadrupole time-of-flight mass spectrometry. <i>Analytica Chimica Acta</i> , 2012 , 743, 101-10	6.6	40
222	Determination of Δ -tetrahydrocannabinol and 11-nor-9-carboxy- Δ -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, 167-74	4.5	28
221	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, 21-9	4.5	31
220	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, 1708-17	7.8	100
219	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	4.5	78
218	Transformation of cocaine during water chlorination. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 3135-44	4.4	20
217	Optimization of matrix solid-phase dispersion conditions for organic fungicides determination in soil samples. <i>Journal of Separation Science</i> , 2012 , 35, 853-60	3.4	11
216	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, 2385-95	4.4	28
215	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	3.8	1
214	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	3.8	11
213	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	4.5	27
212	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	4.5	15
211	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	1.4	2
210	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, 6770-80	12.5	145
209	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, 6603-11	4.5	47

208	Computer-assisted modelling and optimisation of reversed-phase high-temperature liquid chromatographic (RP-HTLC) separations. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 399, 1951-64	4.4	9
207	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, 603-11	4.4	14
206	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, 767-75	4.4	20
205	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, 211-7	4.5	41
204	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	3.8	7
203	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, 2165-75	4.5	46
202	Fast throughput, highly sensitive determination of allergenic disperse dyes in textile products by use of sample composition. <i>Talanta</i> , 2010 , 82, 261-9	6.2	11
201	Solid-phase microextraction followed by gas chromatography-mass spectrometry for the determination of ink photo-initiators in packed milk. <i>Talanta</i> , 2010 , 82, 296-303	6.2	24
200	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, 751-63	4.4	21
199	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, 829-39	4.4	39
198	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, 2559-68	4.4	46
197	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, 1005-16	4.4	17
196	Dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry for the rapid and sensitive determination of UV filters in environmental water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 398, 995-1004	4.4	65
195	Matrix solid-phase dispersion followed by gas chromatography-mass spectrometry for the determination of triclosan and methyl triclosan in sludge and sediments. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 398, 2289-97	4.4	31
194	Sorptive extraction with in-sample acetylation for gas chromatography-mass spectrometry determination of ethylphenol species in wine samples. <i>Journal of Chromatography A</i> , 2010 , 1217, 7208-14	4.5	12
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