Maria Llompart

List of Publications by Year
in descending order

162 papers	8,238 citations	53794 45 h-index	54911 84 g-index
163 all docs	163 docs citations	163 times ranked	7065 citing authors

#	Article	IF	Citations
1	Behavior of pharmaceuticals, cosmetics and hormones in a sewage treatment plant. Water Research, 2004, 38, 2918-2926.	11.3	1,277
2	Ultrasound-assisted emulsificationâ€“microextraction of emergent contaminants and pesticides in environmental waters. Journal of Chromatography A, 2008, 1190, 27-38.	3.7	511
3	Solid-phase extraction of phenols. Journal of Chromatography A, 2000, 885, 291-304.	3.7	284
4	Optimization of a derivatizationâ€“solid-phase microextraction method for the analysis of thirty phenolic pollutants in water samples. Journal of Chromatography A, 2002, 963, 137-148.	3.7	176
5	Analysis of industrial contaminants in indoor air: Part 1. Volatile organic compounds, carbonyl compounds, polycyclic aromatic hydrocarbons and polychlorinated biphenyls. Journal of Chromatography A, 2009, 1216, 540-566.	3.7	173
6	Trace analysis of parabens, triclosan and related chlorophenols in water by headspace solid-phase microextraction with in situ derivatization and gas chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2009, 1216, 4693-4702.	3.7	162
7	Multivariate optimization of a solid-phase microextraction method for the analysis of phthalate esters in environmental waters. Journal of Chromatography A, 2005, 1072, 63-72.	3.7	151
8	Monitoring the photochemical degradation of triclosan in wastewater by UV light and sunlight using solid-phase microextraction. Chemosphere, 2006, 65, 1338-1347.	8.2	150
9	Ultrasound-assisted emulsificationâ€“microextraction of phenolic preservatives in water. Talanta, 2009, 79, 1387-1397.	5.5	137
10	Development of a Solid-Phase Microextraction Gas Chromatography/Tandem Mass Spectrometry Method for Polybrominated Diphenyl Ethers and Polybrominated Biphenyls in Water Samples. Analytical Chemistry, 2004, 76, 1054-1062.	6.5	128
11	Development of a solid-phase microextraction method for the analysis of phenolic flame retardants in water samples. Journal of Chromatography A, 2006, 1124, 11-21.	3.7	112
12	Hazardous organic chemicals in rubber recycled tire playgrounds and pavers. Chemosphere, 2013, 90, 423-431.	8.2	110
13	Headspace solid phase microextraction (HSSPME) for the determination of volatile and semivolatile pollutants in soils. Talanta, 1999, 48, 451-459.	5.5	105
14	Environmental applications of solid-phase microextraction. TrAC - Trends in Analytical Chemistry, 2019, 112, 1-12.	11.4	96
15	Solid-Phase Microextraction and Headspace Solid-Phase Microextraction for the Determination of Polychlorinated Biphenyls in Water Samples. Analytical Chemistry, 1998, 70, 2510-2515.	6.5	95
16	Sonochemical degradation of triclosan in water and wastewater. Ultrasonics Sonochemistry, 2008, 15, 689-694.	8.2	89
17	Analysis of Dyes in Cosmetics: Challenges and Recent Developments. Cosmetics, 2018, 5, 47.	3.3	89
18	Microwave-assisted extraction of pharmaceuticals, personal care products and industrial contaminants in the environment. TrAC - Trends in Analytical Chemistry, 2019, 116, 136-150.	11.4	85

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19	Simultaneous determination of traces of pyrethroids, organochlorines and other main plant protection agents in agricultural soils by headspace solid-phase microextractionâ€“gas chromatography. Journal of Chromatography A, 2008, 1188, 154-163.	3.7	84
20	Dispersive solid-phase extraction followed by liquid chromatographyâ€“tandem mass spectrometry for the multi-residue analysis of pesticides in raw bovine milk. Journal of Chromatography A, 2009, 1216, 3702-3709.	3.7	80
21	Analysis of plasticizers and synthetic musks in cosmetic and personal care products by matrix solid-phase dispersion gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2013, 1293, 10-19.	3.7	80
22	Solid-phase microextractionâ€“gas chromatographyâ€“mass spectrometry for the analysis of selective serotonin reuptake inhibitors in environmental water. Journal of Chromatography A, 2004, 1046, 241-247.	3.7	78
23	Development of a solid-phase microextraction gas chromatography with microelectron-capture detection method for a multiresidue analysis of pesticides in bovine milk. Analytica Chimica Acta, 2008, 617, 37-50.	5.4	78
24	Rapid screening of selective serotonin re-uptake inhibitors in urine samples using solid-phase microextraction gas chromatographyâ€“mass spectrometry. Analytical and Bioanalytical Chemistry, 2005, 382, 1351-1359.	3.7	77
25	Microwave-assisted extraction: Application to the determination of emerging pollutants in solid samples. Journal of Chromatography A, 2010, 1217, 2390-2414.	3.7	77
26	Determination of isothiazolinone preservatives in cosmetics and household products by matrix solid-phase dispersion followed by high-performance liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2012, 1270, 41-50.	3.7	75
27	Optimisation of a solid-phase microextraction method for synthetic musk compounds in water. Journal of Chromatography A, 2002, 963, 277-285.	3.7	73
28	Confirmation of the formation of dichlorodibenzo-p-dioxin in the photodegradation of triclosan by photo-SPME. Analytical and Bioanalytical Chemistry, 2005, 381, 1294-1298.	3.7	73
29	Evaluation of supercritical fluid extraction, microwave-assisted extraction and sonication in the determination of some phenolic compounds from various soil matrices. Journal of Chromatography A, 1997, 774, 243-251.	3.7	72
30	Optimization of a Microwave-assisted Extraction Method for Phenol and Methylphenol Isomers in Soil Samples Using a Central Composite Design. Analyst, The, 1997, 122, 133-137.	3.5	71
31	Headspace solid-phase microextraction for the determination of volatile and semi-volatile pollutants in water and air. Journal of Chromatography A, 1998, 824, 53-61.	3.7	67
32	Development of a multianalyte method based on micro-matrix-solid-phase dispersion for the analysis of fragrance allergens and preservatives in personal care products. Journal of Chromatography A, 2014, 1344, 1-14.	3.7	66
33	Analysis of industrial contaminants in indoor air. Part 2. Emergent contaminants and pesticides. Journal of Chromatography A, 2009, 1216, 567-597.	3.7	65
34	Multicomponent analytical methodology to control phthalates, synthetic musks, fragrance allergens and preservatives in perfumes. Talanta, 2011, 85, 370-379.	5.5	62
35	Validation of an off line solid phase extraction liquid chromatographyâ€“tandem mass spectrometry method for the determination of systemic insecticide residues in honey and pollen samples collected in apiaries from NW Spain. Analytica Chimica Acta, 2010, 672, 107-113.	5.4	60
36	Development of a multi-preservative method based on solid-phase microextractionâ€“gas chromatographyâ€“tandem mass spectrometry for cosmetic analysis. Journal of Chromatography A, 2014, 1339, 13-25.	3.7	59

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37	Microwave-assisted extraction of emerging pollutants in environmental and biological samples before chromatographic determination. TrAC - Trends in Analytical Chemistry, 2015, 71, 119-143.	11.4	59
38	Simultaneous in-vial acetylation solid-phase microextraction followed by gas chromatography tandem mass spectrometry for the analysis of multiclass organic UV filters in water. Journal of Hazardous Materials, 2017, 323, 45-55.	12.4	54
39	Multivariate optimization of the factors influencing the solid-phase microextraction of pyrethroid pesticides in water. Journal of Chromatography A, 2006, 1124, 148-156.	3.7	53
40	Determination of musk compounds in sewage treatment plant sludge samples by solid-phase microextraction. Journal of Chromatography A, 2003, 999, 185-193.	3.7	51
41	Accelerated solvent extraction (ASE) of environmental organic compounds in soils using a modified supercritical fluid extractor. Journal of Hazardous Materials, 2003, 102, 93-104.	12.4	50
42	Development of a sensitive methodology for the analysis of chlorobenzenes in air by combination of solid-phase extraction and headspace solid-phase microextraction. Journal of Chromatography A, 2004, 1045, 189-196.	3.7	50
43	Headspace solid-phase microextraction gas chromatography tandem mass spectrometry for the determination of brominated flame retardants in environmental solid samples. Analytical and Bioanalytical Chemistry, 2006, 385, 637-644.	3.7	49
44	Development of a matrix solid-phase dispersion method for the simultaneous determination of pyrethroid and organochlorinated pesticides in cattle feed. Journal of Chromatography A, 2009, 1216, 2832-2842.	3.7	48
45	Determination of priority and other hazardous substances in football fields of synthetic turf by gas chromatography-mass spectrometry: A health and environmental concern. Chemosphere, 2018, 195, 201-211.	8.2	48
46	Pressurized liquid extraction-gas chromatography-mass spectrometry analysis of fragrance allergens, musks, phthalates and preservatives in baby wipes. Journal of Chromatography A, 2015, 1384, 9-21.	3.7	45
47	Ultrasound-assisted emulsification microextraction followed by gas chromatographyâ€“mass spectrometry and gas chromatographyâ€“tandem mass spectrometry for the analysis of UV filters in water. Microchemical Journal, 2016, 124, 530-539.	4.5	44
48	Development of a method based on sorbent trapping followed by solid-phase microextraction for the determination of synthetic musks in indoor air. Journal of Chromatography A, 2009, 1216, 2805-2815.	3.7	43
49	Determination of suspected fragrance allergens in cosmetics by matrix solid-phase dispersion gas chromatographyâ€“mass spectrometry analysis. Journal of Chromatography A, 2011, 1218, 5055-5062.	3.7	43
50	Development of a high-throughput method for the determination of organochlorinated compounds, nitromusks and pyrethroid insecticides in indoor dust. Journal of Chromatography A, 2007, 1174, 112-124.	3.7	42
51	Determination of fragrance allergens in indoor air by active sampling followed by ultrasound-assisted solvent extraction and gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2010, 1217, 1882-1890.	3.7	42
52	Determination of polybrominated diphenyl ethers in domestic dust by microwave-assisted solvent extraction and gas chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2006, 1137, 1-7.	3.7	41
53	Development of a solid phase dispersion-pressurized liquid extraction method for the analysis of suspected fragrance allergens in leave-on cosmetics. Journal of Chromatography A, 2010, 1217, 8087-8094.	3.7	41
54	Effect of experimental parameters in the pressurized solvent extraction of polyphenolic compounds from white grape marc. Food Chemistry, 2014, 157, 524-532.	8.2	41

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55	Phenol and methylphenol isomers determination in soils by in-situ microwave-assisted extraction and derivatisation. Journal of Chromatography A, 1997, 757, 153-164.	3.7	40
56	Analysis of multi-class preservatives in leave-on and rinse-off cosmetics by matrix solid-phase dispersion. Analytical and Bioanalytical Chemistry, 2011, 401, 3293-3304.	3.7	40
57	Determination of dyes in cosmetic products by micro-matrix solid phase dispersion and liquid chromatography coupled to tandem mass spectrometry. Journal of Chromatography A, 2015, 1415, 27-37.	3.7	40
58	Positive lists of cosmetic ingredients: Analytical methodology for regulatory and safety controls â€“ A review. Analytica Chimica Acta, 2016, 915, 1-26.	5.4	40
59	Optimization of a sensitive method for the determination of nitro musk fragrances in waters by solid-phase microextraction and gas chromatography with micro electron capture detection using factorial experimental design. Analytical and Bioanalytical Chemistry, 2007, 388, 1789-1798.	3.7	39
60	Ultrasound-assisted emulsificationâ€“microextraction of fragrance allergens in water. Chemosphere, 2010, 81, 1378-1385.	8.2	37
61	Miniaturized matrix solid-phase dispersion followed by liquid chromatography-tandem mass spectrometry for the quantification of synthetic dyes in cosmetics and foodstuffs used or consumed by children. Journal of Chromatography A, 2017, 1529, 29-38.	3.7	37
62	Investigation of photodegradation products generated after UV-irradiation of five polybrominated diphenyl ethers using photo solid-phase microextraction. Journal of Chromatography A, 2005, 1071, 85-92.	3.7	36
63	Determination of fungicides in white grape bagasse by pressurized liquid extraction and gas chromatography tandem mass spectrometry. Journal of Chromatography A, 2014, 1343, 18-25.	3.7	36
64	Determination of Polychlorinated Biphenyls in Milk Samples by Saponificationâ”Solid-Phase Microextraction. Analytical Chemistry, 2001, 73, 5858-5865.	6.5	35
65	Rapid and sensitive determination of pyrethroids indoors using active sampling followed by ultrasound-assisted solvent extraction and gas chromatography. Journal of Chromatography A, 2006, 1111, 1-10.	3.7	35
66	Solid-phase microextraction gas chromatography-mass spectrometry determination of fragrance allergens in baby bathwater. Analytical and Bioanalytical Chemistry, 2009, 394, 1399-1411.	3.7	35
67	Simultaneous In-Cell Derivatization Pressurized Liquid Extraction for the Determination of Multiclass Preservatives in Leave-On Cosmetics. Analytical Chemistry, 2010, 82, 9384-9392.	6.5	35
68	Validation and application of a liquid chromatography-tandem mass spectrometry based method for the assessment of the co-occurrence of mycotoxins in maize silages from dairy farms in NW Spain. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2016, 33, 1850-1863.	2.3	35
69	Determination of fourteen UV filters in bathing water by headspace solid-phase microextraction and gas chromatography-tandem mass spectrometry. Analytical Methods, 2016, 8, 7069-7079.	2.7	35
70	Photolysis of polychlorinated biphenyls by solid-phase microextraction. Journal of Chromatography A, 2002, 963, 37-47.	3.7	34
71	Further research on the photo-SPME of triclosan. Analytical and Bioanalytical Chemistry, 2006, 384, 1548-1557.	3.7	34
72	Determination of phenols in soils by in situ acetylation headspace solid-phase microextraction. Journal of Separation Science, 2000, 12, 25-32.	1.0	33

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73	Solid-phase extraction based on MIL-101 adsorbent followed by gas chromatography tandem mass spectrometry for the analysis of multiclass organic UV filters in water. Journal of Chromatography A, 2020, 1610, 460564.	3.7	33
74	Natural sunlight and sun simulator photolysis studies of tetra- to hexa-brominated diphenyl ethers in water using solid-phase microextraction. Journal of Chromatography A, 2006, 1124, 157-166.	3.7	32
75	Simultaneous determination of preservatives and synthetic dyes in cosmetics by single-step vortex extraction and clean-up followed by liquid chromatography coupled to tandem mass spectrometry. Talanta, 2018, 188, 251-258.	5.5	32
76	Alternative sample preparation method for photochemical studies based on solid phase microextraction: Synthetic pyrethroid photochemistry. Journal of Chromatography A, 2007, 1152, 156-167.	3.7	31
77	Global evaluation of the chemical hazard of recycled tire crumb rubber employed on worldwide synthetic turf football pitches. Science of the Total Environment, 2022, 812, 152542.	8.0	31
78	Sampling and analysis of polychlorinated biphenyls in indoor air by sorbent enrichment followed by headspace solid-phase microextraction and gas chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2005, 1072, 99-106.	3.7	30
79	Investigation of PAH and other hazardous contaminant occurrence in recycled tyre rubber surfaces. Case-study: restaurant playground in an indoor shopping centre. International Journal of Environmental Analytical Chemistry, 2014, 94, 1264-1271.	3.3	30
80	Development and optimization of a solid-phase microextraction gas chromatographyâ€“tandem mass spectrometry methodology to analyse ultraviolet filters in beach sand. Journal of Chromatography A, 2018, 1564, 59-68.	3.7	30
81	On-fiber photodegradation after solid-phase microextraction ofp,pâ€²-DDT and two of its major photoproducts, p,pâ€²-DDE andp,pâ€²-DDD. Journal of Chromatography A, 2003, 985, 175-183.	3.7	29
82	Multivariate Optimization of Supercritical Fluid Derivatization and Extraction of Phenol in Soil Samples. Journal of Chromatographic Science, 1996, 34, 43-51.	1.4	28
83	Sorbent trapping solid-phase microextraction of fragrance allergens in indoor air. Journal of Chromatography A, 2010, 1217, 5307-5316.	3.7	28
84	Optimization of an analytical methodology for the simultaneous determination of different classes of ultraviolet filters in cosmetics by pressurized liquid extractionâ€“gas chromatography tandem mass spectrometry. Journal of Chromatography A, 2015, 1405, 12-22.	3.7	28
85	Analysis of recycled rubber: Development of an analytical method and determination of polycyclic aromatic hydrocarbons and heterocyclic aromatic compounds in rubber matrices. Chemosphere, 2021, 276, 130076.	8.2	28
86	Determination of tri- through heptachlorobiphenyls in water samples by SPME-GC-MS-MS: Comparison of PDMS and PDMS-DVB coatings. Journal of Separation Science, 2001, 13, 275-284.	1.0	27
87	Study of the photoinduced degradation of polycyclic musk compounds by solid-phase microextraction and gas chromatography/mass spectrometry. Rapid Communications in Mass Spectrometry, 2004, 18, 1186-1192.	1.5	27
88	Simple approach for the determination of brominated flame retardants in environmental solid samples based on solvent extraction and solid-phase microextraction followed by gas chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2006, 1124, 139-147.	3.7	27
89	Occurrence and stability of masked fumonisins in corn silage samples. Food Chemistry, 2015, 189, 38-44.	8.2	27
90	Identification of unwanted photoproducts of cosmetic preservatives in personal care products under ultraviolet-light using solid-phase microextraction and micro-matrix solid-phase dispersion. Journal of Chromatography A, 2015, 1390, 1-12.	3.7	27

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91	Determination of multiclass personal care products in continental waters by solid-phase microextraction followed by gas chromatography-tandem mass spectrometry. Journal of Chromatography A, 2019, 1607, 460398.	3.7	27
92	Optimization of supercritical fluid extraction of phenol and cresols in soil samples. Journal of Chromatography A, 1996, 723, 123-134.	3.7	26
93	Photo-solid-phase microextraction of selected indoor air pollutants from office buildings. Identification of their photolysis intermediates. Journal of Chromatography A, 2009, 1216, 8969-8978.	3.7	26
94	Headspace solid-phase microextraction for the determination of polychlorinated biphenyls in soils and sediments. Journal of Separation Science, 1999, 11, 397-402.	1.0	25
95	Active Sampling Followed by Solid-Phase Microextraction for the Determination of Pyrethroids in Indoor Air. Journal of Chromatographic Science, 2006, 44, 430-437.	1.4	25
96	Effects of sample pretreatment and storage conditions in the determination of pyrethroids in water samples by solid-phase microextraction and gas chromatographyâ€“mass spectrometry. Analytical and Bioanalytical Chemistry, 2007, 387, 1841-1849.	3.7	25
97	Factorial-design optimization of gas chromatographic analysis of tetrabrominated to decabrominated diphenyl ethers. Application to domestic dust. Analytical and Bioanalytical Chemistry, 2007, 388, 1095-1107.	3.7	25
98	Simultaneous determination of trace levels of multiclass fungicides in natural waters by solid - phase microextraction - gas chromatography-tandem mass spectrometry. Analytica Chimica Acta, 2018, 1020, 51-61.	5.4	25
99	Recent Advances in Sample Preparation for Cosmetics and Personal Care Products Analysis. Molecules, 2021, 26, 4900.	3.8	24
100	Microwave-assisted extraction and mild saponification for determination of organochlorine pesticides in oyster samples. Analytical and Bioanalytical Chemistry, 2002, 374, 547-553.	3.7	23
101	Determination of dimethyl fumarate and other potential allergens in desiccant and antimould sachets. Analytical and Bioanalytical Chemistry, 2009, 394, 2231-2239.	3.7	23
102	Development of a solid-phase microextractionâ€“gas chromatographyâ€“tandem mass spectrometry method for the analysis of chlorinated toluenes in environmental waters. Journal of Chromatography A, 2009, 1216, 2816-2824.	3.7	23
103	Analysis of regulated suspected allergens in waters. Talanta, 2010, 83, 464-474.	5.5	23
104	Photodegradation behaviour of multiclass ultraviolet filters in the aquatic environment: Removal strategies and photoproduct identification by liquid chromatographyâ€“high resolution mass spectrometry. Journal of Chromatography A, 2019, 1596, 8-19.	3.7	21
105	Content of suspected allergens and preservatives in marketed baby and child care products. Analytical Methods, 2013, 5, 416-427.	2.7	19
106	Evaluating the Presence and Contents of Phytochemicals in Honey Samples: Phenolic Compounds as Indicators to Identify Their Botanical Origin. Foods, 2021, 10, 2616.	4.3	19
107	Low Part per Trillion Determination of Reactive Alkanethiols in Wastewater by in Situ Derivatization-Solid-Phase Microextraction Followed by GC/MS. Analytical Chemistry, 2005, 77, 6012-6018.	6.5	18
108	The photochemical behaviour of five household pyrethroid insecticides and a synergist as studied by photo-solid-phase microextraction. Analytical and Bioanalytical Chemistry, 2007, 388, 1235-1247.	3.7	18

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109	Assessment of advanced oxidation processes for the degradation of three UV filters from swimming pool water. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 351, 95-107.	3.9	18
110	Microwave-Assisted Extraction â˜†. , 2018, , .		18
111	Development of a solid-phase microextraction gas chromatography with microelectron-capture detection method for the determination of 5-bromo-5-nitro-1,3-dioxane in rinse-off cosmetics. Journal of Chromatography A, 2010, 1217, 6634-6639.	3.7	17
112	Determination of oxidative hair dyes using miniaturized extraction techniques and gas chromatography-tandem mass spectrometry. Microchemical Journal, 2017, 132, 308-318.	4.5	17
113	Photodegradation of multiclass fungicides in the aquatic environment and determination by liquid chromatography-tandem mass spectrometry. Environmental Science and Pollution Research, 2017, 24, 19181-19193.	5.3	17
114	Footprints in the sand â€“ Assessing the seasonal trends of volatile methylsiloxanes and UV-filters. Marine Pollution Bulletin, 2019, 140, 9-16.	5.0	17
115	New approach based on solid-phase microextraction to estimate polydimethylsiloxane fibre coatingâ€“water distribution coefficients for brominated flame retardants. Journal of Chromatography A, 2006, 1124, 121-129.	3.7	16
116	In-Vial Micro-Matrix-Solid Phase Dispersion for the Analysis of Fragrance Allergens, Preservatives, Plasticizers, and Musks in Cosmetics. Cosmetics, 2014, 1, 171-201.	3.3	16
117	Identification of halogenated photoproducts generated after ultraviolet-irradiation of parabens and benzoates in water containing chlorine by solid-phase microextraction and gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2014, 1349, 105-115.	3.7	16
118	Combined (d)SPE-QuEChERS Extraction of Mycotoxins in Mixed Feed Rations and Analysis by High Performance Liquid Chromatography-High-Resolution Mass Spectrometry. Toxins, 2020, 12, 206.	3.4	16
119	Evaluation of chemicals of environmental concern in crumb rubber and water leachates from several types of synthetic turf football pitches. Chemosphere, 2021, 270, 128610.	8.2	16
120	Determination of dimethyl fumarate in desiccant and mouldproof agents using ultrasound-assisted extraction gas chromatography with electron-capture detection. Journal of Chromatography A, 2009, 1216, 5755-5758.	3.7	15
121	Ice photolysis of 2,2â€²,4,4â€²,6-pentabromodiphenyl ether (BDE-100): Laboratory investigations using solid phase microextraction. Analytica Chimica Acta, 2012, 742, 90-96.	5.4	15
122	Extreme cosmetics and borderline products: an analytical-based survey of European regulation compliance. Analytical and Bioanalytical Chemistry, 2018, 410, 7085-7102.	3.7	15
123	Hazardous compounds in recreational and urban recycled surfaces made from crumb rubber. Compliance with current regulation and future perspectives. Science of the Total Environment, 2021, 755, 142566.	8.0	15
124	Turning cork by-products into smart and green materials for solid-phase extraction - gas chromatography tandem mass spectrometry analysis of fungicides in water. Journal of Chromatography A, 2020, 1628, 461437.	3.7	14
125	Fabric phase sorptive extraction for the determination of 17 multiclass fungicides in environmental water by gas chromatographyâ€tandem mass spectrometry. Journal of Separation Science, 2020, 43, 1817-1829.	2.5	14
126	Simultaneous Extraction and Cleanup Method Based on Pressurized Solvent Extraction for Multiresidue Analysis of Pesticides in Complex Feed Samples. Journal of Agricultural and Food Chemistry, 2009, 57, 3963-3973.	5.2	13

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127	Miniaturized Matrix Solid-Phase Dispersion for the Analysis of Ultraviolet Filters and Other Cosmetic Ingredients in Personal Care Products. Separations, 2019, 6, 30.	2.4	13
128	Application of solid-phase microextraction to the study of the photochemical behaviour of five priority pesticides: â€œon-fiberâ€•and aqueous photodegradation. Journal of Chromatography A, 2004, 1047, 271-279.	3.7	12
129	Expanding the Applications of the Ionic Liquids as GC Stationary Phases: Plasticizers and Synthetic Musks Fragrances. Chromatographia, 2012, 75, 1039-1047.	1.3	12
130	Gone with the flow - Assessment of personal care products in Portuguese rivers. Chemosphere, 2022, 293, 133552.	8.2	12
131	Gas-chromatographic headspace analysis of phenol and cresols in soils by direct acetylation. Journal of High Resolution Chromatography, 1996, 19, 207-212.	1.4	11
132	Study of the presence of priority pesticides in surface water of river basins located in two areas of intensive dairy farming in the NW Spain (Galicia). International Journal of Environmental Analytical Chemistry, 2012, 92, 995-1011.	3.3	11
133	Different miniaturized extraction methodologies followed by GCâ€“MS/MS analysis for the determination of UV filters in beach sand. Journal of Separation Science, 2018, 41, 3449-3458.	2.5	11
134	Study of photostability of three synthetic dyes commonly used in mouthwashes. Microchemical Journal, 2019, 146, 776-781.	4.5	11
135	Green methodology based on active air sampling followed by solid phase microextraction and gas chromatography-tandem mass spectrometry analysis to determine hazardous substances in different environments related to tire rubber. Journal of Chromatography A, 2022, 1668, 462911.	3.7	11
136	Strategically designed sample composition for fastest screening of polychlorinated biphenyl congeners in water samples. Journal of Environmental Monitoring, 2002, 4, 490-497.	2.1	10
137	A novel outlook on detecting microbial contamination in cosmetic products: analysis of biomarker volatile compounds by solid-phase microextraction gas chromatography-mass spectrometry. Analytical Methods, 2013, 5, 384-393.	2.7	10
138	In-syringe solid-phase extraction of polycyclic aromatic hydrocarbons using an ironâ€“carboxylate metalâ€“organic framework and hypercrosslinked polymer composite gelatin cryogelâ€“modified cellulose acetate adsorbent. Mikrochimica Acta, 2022, 189, 164.	5.0	10
139	Development of a solid phase microextraction gas chromatography tandem mass spectrometry methodology for the analysis of sixty personal care products in hydroalcoholic gels Ë— hand sanitizers Ë— in the context of COVID-19 pandemic. Analytica Chimica Acta, 2022, 1203, 339650.	5.4	10
140	A simple and fast micromethod for the analysis of polychlorinated biphenyls in air by sorbent enrichment and ultrasound-assisted solvent extraction. Analytical and Bioanalytical Chemistry, 2005, 381, 255-260.	3.7	9
141	Monitoring of pesticide residues in dairy cattle farms from NW Spain. Journal of Environmental Monitoring, 2010, 12, 1864.	2.1	9
142	Analysis of different high production volume chemicals and their chlorination by-products in waters by ultrasound-assisted emulsificationâ€“microextraction. International Journal of Environmental Analytical Chemistry, 2014, 94, 1-15.	3.3	9
143	Determination of fifteen water and fat-soluble UV filters in cosmetics by pressurized liquid extraction followed by liquid chromatography tandem mass spectrometry. Analytical Methods, 2016, 8, 6787-6794.	2.7	9
144	Pressurized liquid extraction-gas chromatographyâ€“mass spectrometry for confirming the photo-induced generation of dioxin-like derivatives and other cosmetic preservative photoproducts on artificial skin. Journal of Chromatography A, 2016, 1440, 37-44.	3.7	9

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145	Development of an analytical methodology based on fabric phase sorptive extraction followed by gas chromatography-tandem mass spectrometry to determine UV filters in environmental and recreational waters. Analytica Chimica Acta: X, 2020, 4, 100038.	1.0	9
146	Optimization of a miniaturized solid-phase microextraction method followed by gas chromatography mass spectrometry for the determination of twenty four volatile and semivolatile compounds in honey from Galicia (NW Spain) and foreign countries. Sustainable Chemistry and Pharmacy, 2021, 21, 100451.	3.3	9
147	Preservatives in Cosmetics. , 2018, , 175-224.		8
148	Miniaturized active air sampling method for the analysis of tire rubber pollutants from indoor and outdoor places. Journal of Separation Science, 2021, 44, 1694-1705.	2.5	8
149	New approach on the alkylthiol determination in water byin situderivatization SPME followed by GC-ECD/NPD analysis. International Journal of Environmental Analytical Chemistry, 2005, 85, 543-552.	3.3	7
150	Solid-phase microextraction as a powerful tool in photochemical studies. International Journal of Environmental Analytical Chemistry, 2005, 85, 281-291.	3.3	7
151	Rapid analysis of fungicides in white wines from Northwest Spain by ultrasound-assisted emulsification-microextraction and gas chromatography-mass spectrometry. Analytical Methods, 2014, 6, 3108.	2.7	7
152	Application of Strategically Designed Sample Composition to the Rapid Analytical Screening of Milk Samples for Polychlorinated Biphenyls. Journal of AOAC INTERNATIONAL, 2003, 86, 846-855.	1.5	6
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