

Alberto Chisvert

List of Publications by Year in descending order

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115
papers

3,902
citations

147786

31
h-index

133244

59
g-index

115
all docs

115
docs citations

115
times ranked

3054
citing authors

#	ARTICLE	IF	CITATIONS
1	UV filters: From sunscreens to human body and the environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 360-374.	11.4	397
2	Dispersive micro-solid phase extraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 112, 226-233.	11.4	242
3	Sunscreen Products as Emerging Pollutants to Coastal Waters. <i>PLoS ONE</i> , 2013, 8, e65451.	2.5	186
4	Dispersive solid-phase extraction based on oleic acid-coated magnetic nanoparticles followed by gas chromatography–mass spectrometry for UV-filter determination in water samples. <i>Journal of Chromatography A</i> , 2011, 1218, 2467-2475.	3.7	169
5	Determination of hydroxylated benzophenone UV filters in sea water samples by dispersive liquid–liquid microextraction followed by gas chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 4771-4778.	3.7	157
6	Ionic liquid-based single-drop microextraction followed by liquid chromatography-ultraviolet spectrophotometry detection to determine typical UV filters in surface water samples. <i>Talanta</i> , 2010, 81, 549-555.	5.5	138
7	Sensitive determination of free benzophenone-3 in human urine samples based on an ionic liquid as extractant phase in single-drop microextraction prior to liquid chromatography analysis. <i>Journal of Chromatography A</i> , 2007, 1174, 95-103.	3.7	125
8	Sunscreen analysis. <i>Analytica Chimica Acta</i> , 2005, 537, 1-14.	5.4	116
9	Development of stir bar sorptive-dispersive microextraction mediated by magnetic nanoparticles and its analytical application to the determination of hydrophobic organic compounds in aqueous media. <i>Journal of Chromatography A</i> , 2014, 1362, 25-33.	3.7	114
10	Simple and commercial readily-available approach for the direct use of ionic liquid-based single-drop microextraction prior to gas chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 1290-1295.	3.7	112
11	Determination of UV filters in both soluble and particulate fractions of seawaters by dispersive liquid–liquid microextraction followed by gas chromatography–mass spectrometry. <i>Analytica Chimica Acta</i> , 2014, 812, 50-58.	5.4	86
12	Determination of the UV filters worldwide authorised in sunscreens by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2001, 921, 207-215.	3.7	79
13	Introducing a new and rapid microextraction approach based on magnetic ionic liquids: Stir bar dispersive liquid microextraction. <i>Analytica Chimica Acta</i> , 2017, 983, 130-140.	5.4	72
14	Trace determination of volatile polycyclic aromatic hydrocarbons in natural waters by magnetic ionic liquid-based stir bar dispersive liquid microextraction. <i>Talanta</i> , 2018, 176, 253-261.	5.5	72
15	Solid-phase extraction liquid chromatography–tandem mass spectrometry analytical method for the determination of 2-hydroxy-4-methoxybenzophenone and its metabolites in both human urine and semen. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 831-843.	3.7	71
16	An overview of the analytical methods for the determination of organic ultraviolet filters in biological fluids and tissues. <i>Analytica Chimica Acta</i> , 2012, 752, 11-29.	5.4	67
17	Chemically surface-modified carbon nanoparticle carrier for phenolic pollutants: Extraction and electrochemical determination of benzophenone-3 and triclosan. <i>Analytica Chimica Acta</i> , 2008, 616, 28-35.	5.4	64
18	An environmentally friendly (‘‘green’’) reversed-phase liquid chromatography method for UV filters determination in cosmetics. <i>Analytica Chimica Acta</i> , 2005, 537, 15-24.	5.4	61

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19	Current trends on the determination of organic UV filters in environmental water samples based on microextraction techniques—A review. <i>Analytica Chimica Acta</i> , 2018, 1034, 22-38.	5.4	57
20	Determination of benzophenone-3 and its main metabolites in human serum by dispersive liquid—liquid microextraction followed by liquid chromatography tandem mass spectrometry. <i>Talanta</i> , 2013, 116, 388-395.	5.5	56
21	Determination of ultraviolet filters in bathing waters by stir bar sorptive—dispersive microextraction coupled to thermal desorption—gas chromatography—mass spectrometry. <i>Talanta</i> , 2016, 147, 246-252.	5.5	55
22	Cloud point—dispersive 1/4-solid phase extraction of hydrophobic organic compounds onto highly hydrophobic core—shell Fe ₂ O ₃ @C magnetic nanoparticles. <i>Journal of Chromatography A</i> , 2012, 1251, 33-39.	3.7	54
23	Stir bar sorptive-dispersive microextraction mediated by magnetic nanoparticles—nylon 6 composite for the extraction of hydrophilic organic compounds in aqueous media. <i>Analytica Chimica Acta</i> , 2016, 926, 63-71.	5.4	49
24	A gas chromatography—mass spectrometric method to determine skin-whitening agents in cosmetic products. <i>Talanta</i> , 2010, 81, 530-536.	5.5	47
25	Use of green alternative solvents in dispersive liquid—liquid microextraction: A review. <i>Journal of Separation Science</i> , 2022, 45, 210-222.	2.5	47
26	Effects of UV filter 4-methylbenzylidene camphor during early development of <i>Solea senegalensis</i> Kaup, 1858. <i>Science of the Total Environment</i> , 2018, 628-629, 1395-1404.	8.0	44
27	Simultaneous determination of oxybenzone and 2-ethylhexyl 4-methoxycinnamate in sunscreen formulations by flow injection-isodifferential derivative ultraviolet spectrometry. <i>Analytica Chimica Acta</i> , 2001, 428, 183-190.	5.4	38
28	Toxicity effects of the organic UV-filter 4-Methylbenzylidene camphor in zebrafish embryos. <i>Chemosphere</i> , 2019, 218, 273-281.	8.2	37
29	Determination of UV-filters in sunscreens by HPLC. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 369, 638-641.	1.5	36
30	Fundamentals and applications of stir bar sorptive dispersive microextraction: A tutorial review. <i>Analytica Chimica Acta</i> , 2021, 1153, 338271.	5.4	36
31	Sensitive sequential-injection system for the determination of 2-phenylbenzimidazole-5-sulphonic acid in human urine samples using on-line solid-phase extraction coupled with fluorimetric detection. <i>Talanta</i> , 2003, 59, 591-599.	5.5	34
32	Stir bar sorptive-dispersive microextraction mediated by magnetic nanoparticles-metal organic framework composite: Determination of N-nitrosamines in cosmetic products. <i>Journal of Chromatography A</i> , 2019, 1604, 460465.	3.7	32
33	Determination of selenium, zinc and cadmium in antidandruff shampoos by atomic spectrometry after microwave assisted sample digestion. <i>Talanta</i> , 2000, 51, 1171-1177.	5.5	30
34	Determination of free formaldehyde in cosmetics containing formaldehyde-releasing preservatives by reversed-phase dispersive liquid—liquid microextraction and liquid chromatography with post-column derivatization. <i>Journal of Chromatography A</i> , 2018, 1543, 34-39.	3.7	30
35	Expanding the application of stir bar sorptive-dispersive microextraction approach to solid matrices: Determination of ultraviolet filters in coastal sand samples. <i>Journal of Chromatography A</i> , 2018, 1564, 25-33.	3.7	30
36	Dispersive liquid—liquid microextraction followed by gas chromatography—mass spectrometry for the determination of nitro musks in surface water and wastewater samples. <i>Talanta</i> , 2011, 85, 1990-1995.	5.5	29

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37	Reduced graphene oxide-based magnetic composite for trace determination of polycyclic aromatic hydrocarbons in cosmetics by stir bar sorptive dispersive microextraction. Journal of Chromatography A, 2020, 1624, 461229.	3.7	29
38	Determination of water-soluble UV-filters in sunscreen sprays by liquid chromatography. Journal of Chromatography A, 2002, 977, 277-280.	3.7	28
39	Environmentally friendly LC for the simultaneous determination of ascorbic acid and its derivatives in skin-whitening cosmetics. Journal of Separation Science, 2008, 31, 229-236.	2.5	28
40	Development of a fully automated sequential injection solid-phase extraction procedure coupled to liquid chromatography to determine free 2-hydroxy-4-methoxybenzophenone and 2-hydroxy-4-methoxybenzophenone-5-sulphonic acid in human urine. Analytica Chimica Acta, 2010, 664, 178-184.	5.4	28
41	Determination of hydroxytyrosol and tyrosol by liquid chromatography for the quality control of cosmetic products based on olive extracts. Journal of Pharmaceutical and Biomedical Analysis, 2015, 102, 157-161.	2.8	27
42	Development of a gas chromatography-mass spectrometry method for the determination of ultraviolet filters in beach sand samples. Analytical Methods, 2014, 6, 7772-7780.	2.7	26
43	UV Filters in Sunscreens and other Cosmetics. Regulatory Aspects and Analytical Methods. , 2007, , 83-120.		25
44	A reliable and environmentally-friendly liquid-chromatographic method for multi-class determination of fat-soluble UV filters in cosmetic products. Analytica Chimica Acta, 2013, 790, 61-67.	5.4	24
45	Development of a selective solid phase extraction method for nitro musk compounds in environmental waters using a molecularly imprinted sorbent. Talanta, 2013, 110, 128-134.	5.5	23
46	Sequential injection analysis for benzophenone-4 and phenylbenzimidazole sulphonic acid in sunscreen sprays by solid-phase extraction coupled with ultraviolet spectrometry. Analytica Chimica Acta, 2002, 464, 295-301.	5.4	22
47	Determination of <i>N</i> -nitrosamines in cosmetic products by vortex-assisted reversed-phase dispersive liquid-liquid microextraction and liquid chromatography with mass spectrometry. Journal of Separation Science, 2018, 41, 3143-3151.	2.5	22
48	A rapid and sensitive gas chromatography-mass spectrometry method for the quality control of perfumes: simultaneous determination of phthalates. Analytical Methods, 2013, 5, 409-415.	2.7	21
49	Stir bar sorptive-dispersive microextraction for trace determination of triphenyl and diphenyl phosphate in urine of nail polish users. Journal of Chromatography A, 2019, 1593, 9-16.	3.7	21
50	Low toxicity deep eutectic solvent-based ferrofluid for the determination of UV filters in environmental waters by stir bar dispersive liquid microextraction. Talanta, 2022, 243, 123378.	5.5	20
51	Sequential-injection determination of traces of disodium phenyl dibenzimidazole tetrasulphonate in urine from users of sunscreens by on-line solid-phase extraction coupled with a fluorimetric detector. Journal of Pharmaceutical and Biomedical Analysis, 2006, 40, 922-927.	2.8	19
52	Sequential injection spectrophotometric determination of oxybenzone in lipsticks. Analyst, The, 2001, 126, 1462-1465.	3.5	17
53	Flow injection-chemiluminescence determination of octyl dimethyl PABA in sunscreen formulations. Analytica Chimica Acta, 2002, 462, 209-215.	5.4	17
54	A sequential-injection system for spectrophotometric determination of p-aminobenzoic acid in sunscreens.. Analytical and Bioanalytical Chemistry, 2002, 374, 963-967.	3.7	16

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55	Indirect spectrophotometric determination of p-aminobenzoic acid in sunscreen formulations by sequential injection analysis. <i>Analytica Chimica Acta</i> , 2003, 493, 233-239.	5.4	15
56	A liquid chromatography-fluorimetric method for the in vitro estimation of the skin penetration of disodium phenyldibenzimidazole tetrasulfonate from sunscreen formulations through human skin. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 1225-1232.	3.7	15
57	A rapid and reliable size-exclusion chromatographic method for determination of kojic dipalmitate in skin-whitening cosmetic products. <i>Talanta</i> , 2008, 75, 407-411.	5.5	15
58	Identification of the Biotransformation Products of 2-Ethylhexyl 4-(N,N-Dimethylamino)benzoate. <i>Chromatographia</i> , 2010, 71, 55-63.	1.3	15
59	Determination of alternative preservatives in cosmetic products by chromophoric derivatization followed by vortex-assisted liquid-liquid semimicroextraction and liquid chromatography. <i>Talanta</i> , 2016, 154, 1-6.	5.5	15
60	Polydopamine-coated magnetic nanoparticles for the determination of nitro musks in environmental water samples by stir bar sorptive-dispersive microextraction. <i>Talanta</i> , 2021, 231, 122375.	5.5	15
61	Modified magnetic-based solvent-assisted dispersive solid-phase extraction: application to the determination of cortisol and cortisone in human saliva. <i>Journal of Chromatography A</i> , 2021, 1652, 462361.	3.7	15
62	A simple novel configuration for in-vial microporous membrane liquid-liquid extraction. <i>Journal of Chromatography A</i> , 2009, 1216, 5160-5163.	3.7	14
63	Determination of N-nitrosodiethanolamine in cosmetic products by reversed-phase dispersive liquid-liquid microextraction followed by liquid chromatography. <i>Talanta</i> , 2017, 166, 81-86.	5.5	14
64	Synergistic combination of polyamide-coated paper-based sorptive phase for the extraction of antibiotics in saliva. <i>Analytica Chimica Acta</i> , 2021, 1164, 338512.	5.4	14
65	Supercritical fluid extraction and high performance liquid chromatography determination of homosalate in lipsticks. <i>Chromatographia</i> , 2001, 54, 795-797.	1.3	13
66	Development of a new three-phase membrane-assisted liquid-phase microextraction method: determination of nitrite in tap water samples as model analytical application. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 595-601.	3.7	13
67	Determination of atranol and chloroatranol in perfumes using simultaneous derivatization and dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2014, 826, 28-34.	5.4	13
68	Efficient flow injection and sequential injection methods for spectrophotometric determination of oxybenzone in sunscreens based on reaction with Ni(II). <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 369, 684-689.	1.5	12
69	Determination of butyl methoxydibenzoylmethane, benzophenone-3, octyl dimethyl PABA and octyl methoxycinnamate in lipsticks. <i>International Journal of Cosmetic Science</i> , 2003, 25, 97-102.	2.6	12
70	A solid-phase extraction and size-exclusion liquid chromatographic method for polyethylene glycol 25 p-aminobenzoic acid determination in urine: Validation for urinary excretion studies of users of sunscreens. <i>Analytica Chimica Acta</i> , 2008, 611, 220-225.	5.4	11
71	Vortex-assisted emulsification semimicroextraction for the analytical control of restricted ingredients in cosmetic products: determination of bronopol by liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 1929-1934.	3.7	11
72	Stir bar sorptive-dispersive microextraction by a poly(methacrylic acid-co-ethylene glycol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (d main active metabolites in human urine. <i>Mikrochimica Acta</i> , 2022, 189, 52.	5.0	11

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73	In-situ suspended aggregate microextraction: A sample preparation approach for the enrichment of organic compounds in aqueous solutions. <i>Journal of Chromatography A</i> , 2015, 1408, 63-71.	3.7	10
74	A paper-based polystyrene/nylon Janus platform for the microextraction of UV filters in water samples as proof-of-concept. <i>Mikrochimica Acta</i> , 2021, 188, 391.	5.0	10
75	A high-throughput magnetic-based pipette tip microextraction as an alternative to conventional pipette tip strategies: Determination of testosterone in human saliva as a proof-of-concept. <i>Analytica Chimica Acta</i> , 2022, 1221, 340117.	5.4	10
76	Ultraviolet Filters in Cosmetics. , 2018, , 85-106.		9
77	Flow injection spectrophotometric determination of lead using 1,5-diphenylthiocarbazone in aqueous micellar. <i>Talanta</i> , 2010, 81, 709-713.	5.5	8
78	Development of a sensitive method for determining traces of prohibited acrylamide in cosmetic products based on dispersive liquid-liquid microextraction followed by liquid chromatography-ultraviolet detection. <i>Microchemical Journal</i> , 2020, 159, 105402.	4.5	8
79	Green determination of eight water-soluble B vitamins in cosmetic products by liquid chromatography with ultraviolet detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 205, 114308.	2.8	8
80	Carbon fibers as green and sustainable sorbent for the extraction of isoflavones from environmental waters. <i>Talanta</i> , 2021, 233, 122582.	5.5	8
81	Tanning and Whitening Agents in Cosmetics. <i>Regulatory Aspects and Analytical Methods</i> . , 2007, , 128-140.		7
82	On-line extraction coupled to liquid chromatographic analysis of hydrophobic organic compounds from complex solid samples—Application to the analysis of UV filters in soils and sediments. <i>Journal of Chromatography A</i> , 2020, 1610, 460561.	3.7	7
83	Use of Nanomaterial-Based (Micro)Extraction Techniques for the Determination of Cosmetic-Related Compounds. <i>Molecules</i> , 2020, 25, 2586.	3.8	7
84	A comprehensive review on the use of microextraction techniques in the analysis of cosmetic products. <i>Advances in Sample Preparation</i> , 2022, 3, 100024.	3.0	7
85	Hair Dyes in Cosmetics. <i>Regulatory Aspects and Analytical Methods</i> . , 2007, , 190-209.		6
86	A solid-phase extraction liquid chromatography-tandem mass spectrometry method for the percutaneous absorption assessment of 3-(4-methylbenzylidene)camphor via human urine analysis. <i>Analytical Methods</i> , 2013, 5, 367-375.	2.7	6
87	Determination of Phenolic Endocrine Disruptors in Cosmetics by High-Performance Liquid Chromatography Mass Spectrometry. <i>Analytical Letters</i> , 2018, 51, 717-727.	1.8	6
88	Perfumes in Cosmetics. , 2018, , 225-248.		5
89	A Rapid and Sensitive Method for the Determination of Cannabidiol in Cosmetic Products by Liquid Chromatography—Tandem Mass Spectrometry. <i>Cosmetics</i> , 2021, 8, 30.	3.3	5
90	A chromatometric approach for evaluating and selecting the perfume maceration time. <i>Journal of Chromatography A</i> , 2010, 1217, 3150-3160.	3.7	4

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91	Cosmetic ingredients: from the cosmetic to the human body and the environment. Analytical Methods, 2013, 5, 309-310.	2.7	4
92	Hair Dyes in Cosmetics. , 2018, , 159-173.		4
93	Green, rapid and simultaneous determination of "alternative preservatives"™ in cosmetic formulations by gas chromatography-mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2022, 209, 114493.	2.8	4
94	Near-critical carbon dioxide extraction and liquid chromatography determination of UV filters in solid cosmetic samples: A green analytical procedure. Journal of Separation Science, 2005, 28, 2319-2324.	2.5	3
95	A reversed-phase ion-interaction chromatographic method for in-vitro estimation of the percutaneous absorption of water-soluble UV filters. Analytical and Bioanalytical Chemistry, 2008, 391, 859-866.	3.7	3
96	Extraction and Sample Preparation. International Journal of Analytical Chemistry, 2015, 2015, 1-2.	1.0	3
97	Rapid and Simple Determination of Honokiol and Magnolol in Cosmetic Products by Liquid Chromatography with Ultraviolet Detection. Analytical Letters, 2021, 54, 1510-1521.	1.8	3
98	Simultaneous Quantification of Vitamin A and Derivatives in Cosmetic Products by Liquid Chromatography with Ultraviolet Detection. Separations, 2022, 9, 40.	2.4	3
99	PERFUMES. , 2005, , 36-42.		2
100	General Review of Published Analytical Methods for Cosmetics. , 2007, , 72-82.		2
101	Perfumes in Cosmetics. Regulatory Aspects and Analytical Methods for Fragrance Ingredients and other Related Chemicals in Cosmetics. , 2007, , 243-256.		2
102	Actives for Hair Products (Excluding Hair Dyes). , 2007, , 332-339.		2
103	Essential Oils: Analytical Methods to Control the Quality of Perfumes. , 2013, , 3287-3310.		2
104	Determination of 3-(4-methylbenzylidene)camphor and its metabolite 3-(4-carboxybenzylidene)camphor in human semen by solid-phase extraction and liquid chromatography tandem mass spectrometry. Analytical Methods, 2015, 7, 6705-6711.	2.7	2
105	Tanning and Whitening Agents in Cosmetics. , 2018, , 107-121.		2
106	Environmental Monitoring of Cosmetic Ingredients. , 2018, , 435-547.		2
107	A Green and Rapid Analytical Method for the Determination of Hydroxyethoxyphenyl Butanone in Cosmetic Products by Liquid Chromatography. Cosmetics, 2018, 5, 44.	3.3	1
108	From the "Colourless" to the "Green" Analytical Chemistry. Journal of Chromatography & Separation Techniques, 2012, 03, .	0.2	1

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109	Miniaturized solid-phase extraction. , 2021, , 13-31.		1
110	Analytical Methods for Actives used in General and Specific Skin-Care, Personal Hygiene and other Toiletry Products (Excluding those Mentioned in Previous Chapters). , 2007, , 390-419.		0
111	Analytical Methodologies for the Determination of Personal Care Products in Water Samples. Handbook of Environmental Chemistry, 2014, , 191-229.	0.4	0
112	Cosmetics and Toiletries â†. , 2018, , 193-193.		0
113	Perfumes â†. , 2018, , 158-158.		0
114	Selection From Bibliographic Resources of an Analytical Method for Cosmetic Products. , 2018, , 57-65.		0
115	Ionic liquid-based liquid-phase microextraction techniques. , 2022, , 73-102.		0