MarÃ-a Teresa Tena

List of Publications by Year
in descending order

75 papers	2,617 citations	136740 32 h-index	205818 48 g-index
75 all docs	75 docs citations	75 times ranked	2501 citing authors

#	Article	IF	Citations
1	Supercritical fluid extraction of phenol compounds from olive leaves. Talanta, 1998, 46, 1123-1130.	2.9	129
2	Determination of benzene, toluene, ethylbenzene and xylenes in soils by multiple headspace solid-phase microextraction. Journal of Chromatography A, 2004, 1035, 17-22.	1.8	118
3	Supercritical Fluid Extraction of Natural Antioxidants from Rosemary:Â Comparison with Liquid Solvent Sonication. Analytical Chemistry, 1997, 69, 521-526.	3.2	116
4	Multiple headspace solid-phase microextraction for the quantitative determination of volatile organic compounds in multilayer packagings. Journal of Chromatography A, 2003, 999, 155-164.	1.8	106
5	Pressurized liquid extraction with in-cell clean-up followed by gas chromatographyâ€“tandem mass spectrometry for the selective determination of parabens and triclosan in indoor dust. Journal of Chromatography A, 2007, 1161, 105-112.	1.8	103
6	Determination of phthalates in wine by headspace solid-phase microextraction followed by gas chromatographyâ€“mass spectrometry: Fibre comparison and selection. Journal of Chromatography A, 2007, 1164, 248-261.	1.8	87
7	Determination of trans-resveratrol and other polyphenols in wines by a continuous flow sample clean-up system followed by capillary electrophoresis separation. Analytica Chimica Acta, 1998, 359, 27-38.	2.6	82
8	Determination of odour-causing volatile organic compounds in cork stoppers by multiple headspace solid-phase microextraction. Journal of Chromatography A, 2005, 1068, 201-208.	1.8	65
9	Multiple solid-phase microextraction: Theory and applications. TrAC - Trends in Analytical Chemistry, 2007, 26, 206-214.	5.8	65
10	Photocatalytic degradation of ibuprofen in water using TiO2/UV and g-C3N4/visible light: Study of intermediate degradation products by liquid chromatography coupled to high-resolution mass spectrometry. Chemosphere, 2019, 215, 605-618.	4.2	65
11	Determination of phthalates in wine by headspace solid-phase microextraction followed by gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2008, 1181, 125-130.	1.8	64
12	Strategies for supercritical fluid extraction of polar and ionic compounds. TrAC - Trends in Analytical Chemistry, 1996, 15, 32-37.	5.8	62
13	Determination of volatile oak compounds in wine by headspace solid-phase microextraction and gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2006, 1102, 25-36.	1.8	62
14	Determination of bisphenol-type endocrine disrupting compounds in food-contact recycled-paper materials by focused ultrasonic solidâ€“liquid extraction and ultra performance liquid chromatography-high resolution mass spectrometry. Talanta, 2012, 99, 167-174.	2.9	61
15	Development of a headspace solid-phase microextractionâ€“gas chromatographyâ€“mass spectrometry method for the identification of odour-causing volatile compounds in packaging materials. Journal of Chromatography A, 2002, 963, 381-392.	1.8	59
16	Direct quantitation of volatile organic compounds in packaging materials by headspace solid-phase microextractionâ€“gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2003, 985, 247-257.	1.8	48
17	Determination of perfluorocompounds in popcorn packaging by pressurised liquid extraction and ultra-performance liquid chromatographyâ€“tandem mass spectrometry. Talanta, 2012, 101, 104-109.	2.9	45
18	Fibre selection based on an overall analytical feature comparison for the solid-phase microextraction of trihalomethanes from drinking water. Journal of Chromatography A, 2007, 1139, 27-35.	1.8	43

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19	Development and validation of a capillary zone electrophoresis method for the quantitative determination of anthocyanins in wine. Journal of Chromatography A, 2003, 990, 247-258.	1.8	42
20	Analysis of French and American oak chips with different toasting degrees by headspace solid-phase microextraction-gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2007, 1173, 10-17.	1.8	41
21	Determination of plastic additives in packaging by liquid chromatography coupled to high resolution mass spectrometry. Journal of Chromatography A, 2015, 1414, 77-87.	1.8	41
22	Experimental design approach for the optimisation of pressurised fluid extraction of additives from polyethylene films. Journal of Chromatography A, 2005, 1099, 75-83.	1.8	39
23	Analysis of aged red wine pigments by capillary zone electrophoresis. Journal of Chromatography A, 2004, 1052, 191-197.	1.8	38
24	On-line pervaporation separation process for the potentiometric determination of fluoride in â€œdirtyâ€• samples. Analytica Chimica Acta, 1995, 308, 246-252.	2.6	37
25	Evaluation of multiple solid-phase microextraction as a technique to remove the matrix effect in packaging analysis for determination of volatile organic compounds. Journal of Chromatography A, 2003, 1020, 189-197.	1.8	37
26	Study of intermediate by-products and mechanism of the photocatalytic degradation of ciprofloxacin in water using graphitized carbon nitride nanosheets. Chemosphere, 2020, 247, 125910.	4.2	37
27	Capillary electrophoretic separation of phenolic diterpenes from rosemary. Journal of Chromatography A, 2002, 953, 251-256.	1.8	36
28	Supercritical fluid extraction of carbamate pesticides from soils and cereals. Chromatographia, 1996, 42, 206-212.	0.7	35
29	Determination of volatile oak compounds in aged wines by multiple headspace solid-phase microextraction and gas chromatographyâ€“mass spectrometry (MHS-SPMEâ€“GCâ€“MS). Analytical and Bioanalytical Chemistry, 2006, 385, 937-943.	1.9	34
30	Determination of volatile compounds in antioxidant rosemary extracts by multiple headspace solid-phase microextraction and gas chromatography. Flavour and Fragrance Journal, 2006, 21, 626-633.	1.2	34
31	Determination of perfluorinated alkyl acids in corn, popcorn and popcorn bags before and after cooking by focused ultrasound solidâ€“liquid extraction, liquid chromatography and quadrupole-time of flight mass spectrometry. Journal of Chromatography A, 2014, 1355, 211-218.	1.8	34
32	Systematic study of the influence of modifiers on the CO2-supercritical extraction of PAHs in soil. Chromatographia, 1994, 38, 431-435.	0.7	32
33	Focused ultrasound solidâ€“liquid extraction and selective pressurised liquid extraction to determine bisphenol A and alkylphenols in sewage sludge by gas chromatographyâ€“mass spectrometry. Journal of Separation Science, 2011, 34, 2513-2522.	1.3	32
34	The photocatalytic degradation of sodium diclofenac in different water matrices using g-C3N4 nanosheets: A study of the intermediate by-products and mechanism. Journal of Environmental Chemical Engineering, 2021, 9, 105827.	3.3	32
35	Ion-pairâ€”supercritical fluid extraction of clenbuterol from food samples. Journal of Chromatography A, 1995, 711, 269-276.	1.8	30
36	Determination of ethylphenols in wine by in situ derivatisation and headspace solid-phase microextractionâ€“gas chromatographyâ€“mass spectrometry. Analytical and Bioanalytical Chemistry, 2007, 387, 2547-2558.	1.9	30

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37	Development and validation of a solid-phase microextraction method for the analysis of volatile organic compounds in groundwater samples. Chromatographia, 2003, 57, 369-378.	0.7	26
38	Improved supercritical fluid extraction of sulphonamides. Chromatographia, 1995, 40, 197-203.	0.7	24
39	Flow injection-assisted optical sensor for determination of iron(II) and iron(III) in natural water. Analytica Chimica Acta, 1997, 343, 191-197.	2.6	24
40	Determination of oleamide and erucamide in polyethylene films by pressurised fluid extraction and gas chromatography. Journal of Chromatography A, 2006, 1124, 51-56.	1.8	24
41	Determination of 2,4,6-trichloroanisole and guaiacol in cork stoppers by pressurised fluid extraction and gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2006, 1102, 18-24.	1.8	24
42	Determination of cinnamaldehyde, carvacrol and thymol in feedstuff additives by pressurized liquid extraction followed by gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2017, 1487, 14-21.	1.8	24
43	Use of microextraction by packed sorbents following selective pressurised liquid extraction for the determination of brominated diphenyl ethers in sewage sludge by gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2014, 1364, 28-35.	1.8	23
44	Analytical viewpoint. Preliminary operations: a pending goal of today's Analytical Chemistry. Analytical Proceedings, 1993, 30, 276-279.	0.4	22
45	Flow-through photometric sensor for determination of sulfonamides. Analyst, The, 1994, 119, 1625-1628.	1.7	22
46	Hyphenated flow injection systems and high discrimination instruments. Talanta, 1995, 42, 151-169.	2.9	22
47	Fast determination of perfluorocompounds in packaging by focused ultrasound solidâ€“liquid extraction and liquid chromatography coupled to quadrupole-time of flight mass spectrometry. Journal of Chromatography A, 2013, 1302, 88-94.	1.8	22
48	Headspace solid-phase microextraction gas chromatographyâ€“mass spectrometry method for the identification of cosmetic ingredients causing delamination of packagings. Journal of Chromatography A, 2006, 1101, 32-37.	1.8	21
49	On line coupling of a liquid-liquid extraction flow-reversal system to a spectrophotometric flow-through sensor for the determination of polyphenols in olive oil. Analytica Chimica Acta, 1996, 323, 55-62.	2.6	20
50	Determination of UV filters in packaging by focused ultrasonic solidâ€“liquid extraction and liquid chromatography. Journal of Chromatography A, 2011, 1218, 3392-3399.	1.8	20
51	Automatic determination of fat in milk by use of a flow injection system with a piezoelectric detector. Analytica Chimica Acta, 2000, 406, 309-315.	2.6	18
52	Determination of brominated diphenyl ethers (from mono- to hexa- congeners) in indoor dust by pressurised liquid extraction with in-cell clean-up and gas chromatographyâ€“mass spectrometry. Analytical and Bioanalytical Chemistry, 2010, 397, 257-267.	1.9	18
53	Migration order of wine anthocyanins in capillary zone electrophoresis. Analytica Chimica Acta, 2004, 524, 207-213.	2.6	17
54	Microwave-assisted oxidation of phosphite-type antioxidant additives in polyethylene film extracts. Journal of Chromatography A, 2007, 1175, 154-161.	1.8	16

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55	Development and validation of chromatographic methods (HPLC and GC) for the determination of the active components (benzocaine, tyrothricin and menthol) of a pharmaceutical preparation. Journal of Pharmaceutical and Biomedical Analysis, 1995, 13, 1297-1303.	1.4	15
56	Supercritical fluid extraction of organophosphorus pesticides from organge samples: Effect of solid additives on recovery. Chromatographia, 1997, 46, 524-528.	0.7	14
57	Comparison of three gas chromatography methods for the determination of slip agents in polyethylene films. Journal of Chromatography A, 2007, 1150, 178-182.	1.8	14
58	Headspace solid-phase microextractionâ€“gas chromatographyâ€“mass spectrometry applied to quality control in multilayer-packaging manufacture. Journal of Chromatography A, 2003, 1008, 123-128.	1.8	13
59	Study of multilayer packaging delamination mechanisms using different surface analysis techniques. Applied Surface Science, 2010, 256, 3799-3805.	3.1	13
60	Focused ultrasound solidâ€“liquid extraction of perfluorinated compounds from sewage sludge. Talanta, 2013, 109, 197-202.	2.9	13
61	Determination of caffeoylquinic acids in feed and related products by focused ultrasound solidâ€“liquid extraction and ultra-high performance liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2015, 1400, 1-9.	1.8	13
62	The photocatalytic degradation of naproxen with g-C3N4 and visible light: Identification of primary by-products and mechanism in tap water and ultrapure water. Journal of Environmental Chemical Engineering, 2022, 10, 106964.	3.3	12
63	An organometallic approach for the preparation of Auâ€“TiO2 and Au-g-C3N4 nanohybrids: improving the depletion of paracetamol under visible light. Photochemical and Photobiological Sciences, 2022, 21, 337-347.	1.6	12
64	Fiber optic-based interface for on-line selective photometric determinations in solid samples by supercritical fluid extraction. Journal of Chromatography A, 1996, 753, 299-305.	1.8	11
65	Focused ultrasound solidâ€“liquid extraction and gas chromatography tandem mass spectrometry determination of brominated flame retardants in indoor dust. Analytical and Bioanalytical Chemistry, 2012, 404, 289-295.	1.9	11
66	Combination of Au-Ag Plasmonic Nanoparticles of Varied Compositions with Carbon Nitride for Enhanced Photocatalytic Degradation of Ibuprofen under Visible Light. Materials, 2021, 14, 3912.	1.3	11
67	Total and individual determination of carbamate pesticides by use of an integrated flow-injection/HPLC system. Chromatographia, 1992, 33, 449-453.	0.7	10
68	Solid interfaces as analytical problem solvers in flow injection analysis. Talanta, 1993, 40, 21-36.	2.9	10
69	Monitoring and Evolution of the Pollution by Volatile Organic Compounds (Vocs) in the Groundwaters of The Najerilla River Basin (Spain). International Journal of Environmental Analytical Chemistry, 2003, 83, 495-506.	1.8	8
70	Study of hydroxycinnamic acids and malvidin 3-monoglucoside derivatives using capillary zone electrophoresis and ultra-performance liquid chromatography. Food Chemistry, 2009, 115, 766-774.	4.2	8
71	Delamination of multilayer packaging caused by exfoliating cream ingredients. Packaging Technology and Science, 2007, 20, 173-182.	1.3	7
72	Determination of Volatile Compounds in Antioxidant Rosemary Extracts by Solidâ€Phase Microextraction and Gas Chromatography. Analytical Letters, 2005, 38, 1193-1212.	1.0	5

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73	Determination of cosmetic ingredients causing extrusionâ€coated and adhesive joint multilayer packaging delamination. Packaging Technology and Science, 2009, 22, 415-429.	1.3	5
74	In-Cell Clean-Up Pressurised Liquid Extraction Method to Determine Pesticides in Mushroom Compost by Gas Chromatography-Tandem Mass Spectrometry. , 2012, 2012, 1-8.		4
75	Elimination of parasitic signals caused by gas bubbles by integrating separation and detection in continuous flow systems. Fresenius' Journal of Analytical Chemistry, 1994, 349, 483-486.	1.5	0