

# MarÃ-a Teresa Tena

## List of Publications by Year in descending order

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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	The photocatalytic degradation of naproxen with g-C <sub>3</sub> N <sub>4</sub> and visible light: Identification of primary by-products and mechanism in tap water and ultrapure water. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 106964.	3.3	12
2	An organometallic approach for the preparation of Au@TiO <sub>2</sub> and Au-g-C <sub>3</sub> N <sub>4</sub> nanohybrids: improving the depletion of paracetamol under visible light. <i>Photochemical and Photobiological Sciences</i> , 2022, 21, 337-347.	1.6	12
3	Combination of Au-Ag Plasmonic Nanoparticles of Varied Compositions with Carbon Nitride for Enhanced Photocatalytic Degradation of Ibuprofen under Visible Light. <i>Materials</i> , 2021, 14, 3912.	1.3	11
4	The photocatalytic degradation of sodium diclofenac in different water matrices using g-C <sub>3</sub> N <sub>4</sub> nanosheets: A study of the intermediate by-products and mechanism. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105827.	3.3	32
5	Study of intermediate by-products and mechanism of the photocatalytic degradation of ciprofloxacin in water using graphitized carbon nitride nanosheets. <i>Chemosphere</i> , 2020, 247, 125910.	4.2	37
6	Photocatalytic degradation of ibuprofen in water using TiO <sub>2</sub> /UV and g-C <sub>3</sub> N <sub>4</sub> /visible light: Study of intermediate degradation products by liquid chromatography coupled to high-resolution mass spectrometry. <i>Chemosphere</i> , 2019, 215, 605-618.	4.2	65
7	Determination of cinnamaldehyde, carvacrol and thymol in feedstuff additives by pressurized liquid extraction followed by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1487, 14-21.	1.8	24
8	Determination of caffeoylquinic acids in feed and related products by focused ultrasound solid-liquid extraction and ultra-high performance liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1400, 1-9.	1.8	13
9	Determination of plastic additives in packaging by liquid chromatography coupled to high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1414, 77-87.	1.8	41
10	Use of microextraction by packed sorbents following selective pressurised liquid extraction for the determination of brominated diphenyl ethers in sewage sludge by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1364, 28-35.	1.8	23
11	Determination of perfluorinated alkyl acids in corn, popcorn and popcorn bags before and after cooking by focused ultrasound solid-liquid extraction, liquid chromatography and quadrupole-time of flight mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1355, 211-218.	1.8	34
12	Fast determination of perfluorocompounds in packaging by focused ultrasound solid-liquid extraction and liquid chromatography coupled to quadrupole-time of flight mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1302, 88-94.	1.8	22
13	Focused ultrasound solid-liquid extraction of perfluorinated compounds from sewage sludge. <i>Talanta</i> , 2013, 109, 197-202.	2.9	13
14	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
15	Determination of bisphenol-type endocrine disrupting compounds in food-contact recycled-paper materials by focused ultrasonic solid-liquid extraction and ultra performance liquid chromatography-high resolution mass spectrometry. <i>Talanta</i> , 2012, 99, 167-174.	2.9	61
16	Determination of perfluorocompounds in popcorn packaging by pressurised liquid extraction and ultra-performance liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2012, 101, 104-109.	2.9	45
17	Focused ultrasound solid-liquid extraction and gas chromatography tandem mass spectrometry determination of brominated flame retardants in indoor dust. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 289-295.	1.9	11
18	Focused ultrasound solid-liquid extraction and selective pressurised liquid extraction to determine bisphenol A and alkylphenols in sewage sludge by gas chromatography-mass spectrometry. <i>Journal of Separation Science</i> , 2011, 34, 2513-2522.	1.3	32

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19	Determination of UV filters in packaging by focused ultrasonic solid-liquid extraction and liquid chromatography. <i>Journal of Chromatography A</i> , 2011, 1218, 3392-3399.	1.8	20
20	Determination of brominated diphenyl ethers (from mono- to hexa- congeners) in indoor dust by pressurised liquid extraction with in-cell clean-up and gas chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 257-267.	1.9	18
21	Study of multilayer packaging delamination mechanisms using different surface analysis techniques. <i>Applied Surface Science</i> , 2010, 256, 3799-3805.	3.1	13
22	Determination of cosmetic ingredients causing extrusion-coated and adhesive joint multilayer packaging delamination. <i>Packaging Technology and Science</i> , 2009, 22, 415-429.	1.3	5
23	Study of hydroxycinnamic acids and malvidin 3-monoglucoside derivatives using capillary zone electrophoresis and ultra-performance liquid chromatography. <i>Food Chemistry</i> , 2009, 115, 766-774.	4.2	8
24	Determination of phthalates in wine by headspace solid-phase microextraction followed by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1181, 125-130.	1.8	64
25	Multiple solid-phase microextraction: Theory and applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 206-214.	5.8	65
26	Fibre selection based on an overall analytical feature comparison for the solid-phase microextraction of trihalomethanes from drinking water. <i>Journal of Chromatography A</i> , 2007, 1139, 27-35.	1.8	43
27	Comparison of three gas chromatography methods for the determination of slip agents in polyethylene films. <i>Journal of Chromatography A</i> , 2007, 1150, 178-182.	1.8	14
28	Pressurized liquid extraction with in-cell clean-up followed by gas chromatography-tandem mass spectrometry for the selective determination of parabens and triclosan in indoor dust. <i>Journal of Chromatography A</i> , 2007, 1161, 105-112.	1.8	103
29	Determination of phthalates in wine by headspace solid-phase microextraction followed by gas chromatography-mass spectrometry: Fibre comparison and selection. <i>Journal of Chromatography A</i> , 2007, 1164, 248-261.	1.8	87
30	Analysis of French and American oak chips with different toasting degrees by headspace solid-phase microextraction-gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1173, 10-17.	1.8	41
31	Microwave-assisted oxidation of phosphite-type antioxidant additives in polyethylene film extracts. <i>Journal of Chromatography A</i> , 2007, 1175, 154-161.	1.8	16
32	Delamination of multilayer packaging caused by exfoliating cream ingredients. <i>Packaging Technology and Science</i> , 2007, 20, 173-182.	1.3	7
33	Determination of ethylphenols in wine by in situ derivatisation and headspace solid-phase microextraction-gas chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 2547-2558.	1.9	30
34	Headspace solid-phase microextraction gas chromatography-mass spectrometry method for the identification of cosmetic ingredients causing delamination of packagings. <i>Journal of Chromatography A</i> , 2006, 1101, 32-37.	1.8	21
35	Determination of oleamide and erucamide in polyethylene films by pressurised fluid extraction and gas chromatography. <i>Journal of Chromatography A</i> , 2006, 1124, 51-56.	1.8	24
36	Determination of 2,4,6-trichloroanisole and guaiacol in cork stoppers by pressurised fluid extraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1102, 18-24.	1.8	24

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37	Determination of volatile oak compounds in wine by headspace solid-phase microextraction and gas chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1102, 25-36.	1.8	62
38	Determination of volatile oak compounds in aged wines by multiple headspace solid-phase microextraction and gas chromatography–mass spectrometry (MHS-SPME–GC–MS). <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 937-943.	1.9	34
39	Determination of volatile compounds in antioxidant rosemary extracts by multiple headspace solid-phase microextraction and gas chromatography. <i>Flavour and Fragrance Journal</i> , 2006, 21, 626-633.	1.2	34
40	Determination of odour-causing volatile organic compounds in cork stoppers by multiple headspace solid-phase microextraction. <i>Journal of Chromatography A</i> , 2005, 1068, 201-208.	1.8	65
41	Experimental design approach for the optimisation of pressurised fluid extraction of additives from polyethylene films. <i>Journal of Chromatography A</i> , 2005, 1099, 75-83.	1.8	39
42	Determination of Volatile Compounds in Antioxidant Rosemary Extracts by Solid-Phase Microextraction and Gas Chromatography. <i>Analytical Letters</i> , 2005, 38, 1193-1212.	1.0	5
43	Analysis of aged red wine pigments by capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 2004, 1052, 191-197.	1.8	38
44	Determination of benzene, toluene, ethylbenzene and xylenes in soils by multiple headspace solid-phase microextraction. <i>Journal of Chromatography A</i> , 2004, 1035, 17-22.	1.8	118
45	Migration order of wine anthocyanins in capillary zone electrophoresis. <i>Analytica Chimica Acta</i> , 2004, 524, 207-213.	2.6	17
46	Evaluation of multiple solid-phase microextraction as a technique to remove the matrix effect in packaging analysis for determination of volatile organic compounds. <i>Journal of Chromatography A</i> , 2003, 1020, 189-197.	1.8	37
47	Development and validation of a solid-phase microextraction method for the analysis of volatile organic compounds in groundwater samples. <i>Chromatographia</i> , 2003, 57, 369-378.	0.7	26
48	Multiple headspace solid-phase microextraction for the quantitative determination of volatile organic compounds in multilayer packagings. <i>Journal of Chromatography A</i> , 2003, 999, 155-164.	1.8	106
49	Direct quantitation of volatile organic compounds in packaging materials by headspace solid-phase microextraction–gas chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2003, 985, 247-257.	1.8	48
50	Development and validation of a capillary zone electrophoresis method for the quantitative determination of anthocyanins in wine. <i>Journal of Chromatography A</i> , 2003, 990, 247-258.	1.8	42
51	Headspace solid-phase microextraction–gas chromatography–mass spectrometry applied to quality control in multilayer-packaging manufacture. <i>Journal of Chromatography A</i> , 2003, 1008, 123-128.	1.8	13
52	Monitoring and Evolution of the Pollution by Volatile Organic Compounds (Vocs) in the Groundwaters of The Najerilla River Basin (Spain). <i>International Journal of Environmental Analytical Chemistry</i> , 2003, 83, 495-506.	1.8	8
53	Development of a headspace solid-phase microextraction–gas chromatography–mass spectrometry method for the identification of odour-causing volatile compounds in packaging materials. <i>Journal of Chromatography A</i> , 2002, 963, 381-392.	1.8	59
54	Capillary electrophoretic separation of phenolic diterpenes from rosemary. <i>Journal of Chromatography A</i> , 2002, 953, 251-256.	1.8	36

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55	Automatic determination of fat in milk by use of a flow injection system with a piezoelectric detector. <i>Analytica Chimica Acta</i> , 2000, 406, 309-315.	2.6	18
56	Determination of trans-resveratrol and other polyphenols in wines by a continuous flow sample clean-up system followed by capillary electrophoresis separation. <i>Analytica Chimica Acta</i> , 1998, 359, 27-38.	2.6	82
57	Supercritical fluid extraction of phenol compounds from olive leaves. <i>Talanta</i> , 1998, 46, 1123-1130.	2.9	129
58	Supercritical Fluid Extraction of Natural Antioxidants from Rosemary: A Comparison with Liquid Solvent Sonication. <i>Analytical Chemistry</i> , 1997, 69, 521-526.	3.2	116
59	Supercritical fluid extraction of organophosphorus pesticides from orange samples: Effect of solid additives on recovery. <i>Chromatographia</i> , 1997, 46, 524-528.	0.7	14
60	Flow injection-assisted optical sensor for determination of iron(II) and iron(III) in natural water. <i>Analytica Chimica Acta</i> , 1997, 343, 191-197.	2.6	24
61	Supercritical fluid extraction of carbamate pesticides from soils and cereals. <i>Chromatographia</i> , 1996, 42, 206-212.	0.7	35
62	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. <i>Analytica Chimica Acta</i> , 1996, 323, 55-62.	2.6	20
63	Strategies for supercritical fluid extraction of polar and ionic compounds. <i>TrAC - Trends in Analytical Chemistry</i> , 1996, 15, 32-37.	5.8	62
64	Fiber optic-based interface for on-line selective photometric determinations in solid samples by supercritical fluid extraction. <i>Journal of Chromatography A</i> , 1996, 753, 299-305.	1.8	11
65	On-line pervaporation separation process for the potentiometric determination of fluoride in dirty samples. <i>Analytica Chimica Acta</i> , 1995, 308, 246-252.	2.6	37
66	On-line supercritical fluid extraction of clenbuterol from food samples. <i>Journal of Chromatography A</i> , 1995, 711, 269-276.	1.8	30
67	Development and validation of chromatographic methods (HPLC and GC) for the determination of the active components (benzocaine, tyrothricin and menthol) of a pharmaceutical preparation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1995, 13, 1297-1303.	1.4	15
68	Improved supercritical fluid extraction of sulphonamides. <i>Chromatographia</i> , 1995, 40, 197-203.	0.7	24
69	Hyphenated flow injection systems and high discrimination instruments. <i>Talanta</i> , 1995, 42, 151-169.	2.9	22
70	Elimination of parasitic signals caused by gas bubbles by integrating separation and detection in continuous flow systems. <i>Fresenius' Journal of Analytical Chemistry</i> , 1994, 349, 483-486.	1.5	0
71	Systematic study of the influence of modifiers on the CO <sub>2</sub> -supercritical extraction of PAHs in soil. <i>Chromatographia</i> , 1994, 38, 431-435.	0.7	32
72	Flow-through photometric sensor for determination of sulfonamides. <i>Analyst</i> , 1994, 119, 1625-1628.	1.7	22

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73	Analytical viewpoint. Preliminary operations: a pending goal of today's Analytical Chemistry. Analytical Proceedings, 1993, 30, 276-279.	0.4	22
74	Solid interfaces as analytical problem solvers in flow injection analysis. Talanta, 1993, 40, 21-36.	2.9	10
75	Total and individual determination of carbamate pesticides by use of an integrated flow-injection/HPLC system. Chromatographia, 1992, 33, 449-453.	0.7	10