## Marta Lores

List of Publications by Year in descending order

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101543 175258 3,577 126 36 52 h-index citations g-index papers 126 126 126 3672 citing authors docs citations times ranked all docs

#	Article	IF	CITATIONS
1	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
2	Using FAME profiles for the characterization of animal wastes and vermicomposts. Soil Biology and Biochemistry, 2006, 38, 2993-2996.	8.8	99
3	Sonochemical degradation of triclosan in water and wastewater. Ultrasonics Sonochemistry, 2008, 15, 689-694.	8.2	89
4	Epigeic Earthworms Exert a Bottleneck Effect on Microbial Communities through Gut Associated Processes. PLoS ONE, 2011, 6, e24786.	2.5	85
5	Simultaneous determination of traces of pyrethroids, organochlorines and other main plant protection agents in agricultural soils by headspace solid-phase microextraction–gas chromatography. Journal of Chromatography A, 2008, 1188, 154-163.	3.7	84
6	Availability of nonpigmentary antioxidant affects red coloration in gulls. Behavioral Ecology, 2008, 19, 967-973.	2.2	81
7	Changes in microbial community structure and function during vermicomposting of pig slurry. Bioresource Technology, 2011, 102, 4171-4178.	9.6	80
8	Analysis of plasticizers and synthetic musks in cosmetic and personal care products by matrix solid-phase dispersion gas chromatography–mass spectrometry. Journal of Chromatography A, 2013, 1293, 10-19.	3.7	80
9	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.	<b>5.</b> 4	78
10	Determination of isothiazolinone preservatives in cosmetics and household products by matrix solid-phase dispersion followed by high-performance liquid chromatography–tandem mass spectrometry. Journal of Chromatography A, 2012, 1270, 41-50.	3.7	75
11	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
12	Strategies for recycling and valorization of grape marc. Critical Reviews in Biotechnology, 2019, 39, 437-450.	9.0	73
13	Species-Specific Effects of Epigeic Earthworms on Microbial Community Structure during First Stages of Decomposition of Organic Matter. PLoS ONE, 2012, 7, e31895.	2.5	68
14	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
15	Multicomponent analytical methodology to control phthalates, synthetic musks, fragrance allergens and preservatives in perfumes. Talanta, 2011, 85, 370-379.	5 <b>.</b> 5	62
16	Short-term stabilization of grape marc through earthworms. Journal of Hazardous Materials, 2011, 187, 291-295.	12.4	62
17	Development of a multi-preservative method based on solid-phase microextraction–gas chromatography–tandem mass spectrometry for cosmetic analysis. Journal of Chromatography A, 2014, 1339, 13-25.	3.7	59
18	Changes in chemical and microbiological properties of rabbit manure in a continuous-feeding vermicomposting system. Bioresource Technology, 2013, 128, 310-316.	9.6	56

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19	Green Extraction Methods for Extraction of Polyphenolic Compounds from Blueberry Pomace. Foods, 2020, 9, 1521.	4.3	52
20	Antimicrobial Activity of Polyphenols and Natural Polyphenolic Extracts on Clinical Isolates. Antibiotics, 2022, 11, 46.	3.7	51
21	Simultaneous determination of neutral and acidic pharmaceuticals in wastewater by high-performance liquid chromatography–post-column photochemically induced fluorimetry. Journal of Chromatography A, 2003, 993, 29-37.	3.7	49
22	Use of ethyl lactate to extract bioactive compounds from Cytisus scoparius: Comparison of pressurized liquid extraction and medium scale ambient temperature systems. Talanta, 2015, 140, 134-142.	5.5	49
23	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
24	Thrifty development: early-life diet restriction reduces oxidative damage during later growth. Functional Ecology, 2011, 25, 1144-1153.	3.6	47
25	Vermicomposting grape marc yields high quality organic biofertiliser and bioactive polyphenols. Waste Management and Research, 2014, 32, 1235-1240.	3.9	44
26	Determination of suspected fragrance allergens in cosmetics by matrix solid-phase dispersion gas chromatography–mass spectrometry analysis. Journal of Chromatography A, 2011, 1218, 5055-5062.	3.7	43
27	PREOPT-W: A simulation program for off-line optimization of binary gradient separations in HPLC—l. Fundamentals and overview. Computers & Chemistry, 1996, 20, 175-191.	1.2	41
28	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
29	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
30	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
31	2-DE-based proteomic analysis of common bean (Phaseolus vulgaris L.) seeds. Journal of Proteomics, 2011, 74, 262-267.	2.4	40
32	Positive lists of cosmetic ingredients: Analytical methodology for regulatory and safety controls – A review. Analytica Chimica Acta, 2016, 915, 1-26.	5.4	40
33	A new combination of extraction and derivatization methods that reduces the complexity and preparation time in determining phospholipid fatty acids in solid environmental samples. Bioresource Technology, 2010, 101, 1348-1354.	9.6	39
34	Detritivorous earthworms modify microbial community structure and accelerate plant residue decomposition. Applied Soil Ecology, 2010, 44, 237-244.	4.3	38
35	Antioxidant White Grape Seed Phenolics: Pressurized Liquid Extracts from Different Varieties. Antioxidants, 2015, 4, 737-749.	5.1	38
36	Multi-objective optimisation using evolutionary algorithms: its application to HPLC separations. Chemometrics and Intelligent Laboratory Systems, 2003, 69, 137-156.	3.5	37

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37	Ultrasound-assisted emulsification–microextraction of fragrance allergens in water. Chemosphere, 2010, 81, 1378-1385.	8.2	37
38	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
39	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
40	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
41	Polyphenol bioavailability in nuts and seeds by an in vitro dialyzability approach. Food Chemistry, 2018, 254, 20-25.	8.2	35
42	Optimisation of alachlor solid-phase microextraction from water samples using experimental design. Journal of Chromatography A, 2000, 896, 373-379.	3.7	34
43	Photolysis of polychlorinated biphenyls by solid-phase microextraction. Journal of Chromatography A, 2002, 963, 37-47.	3.7	34
44	Further research on the photo-SPME of triclosan. Analytical and Bioanalytical Chemistry, 2006, 384, 1548-1557.	3.7	34
45	Comparison of extraction and derivatization methods for fatty acid analysis in solid environmental matrixes. Analytical and Bioanalytical Chemistry, 2008, 392, 505-514.	3.7	34
46	Oil pollution increases plasma antioxidants but reduces coloration in a seabird. Oecologia, 2010, 163, 875-884.	2.0	34
47	On-fibre photodegradation studies of polychlorinated biphenyls using SPME–GC–MS–MS: a new approach. Chemosphere, 2002, 47, 607-615.	8.2	33
48	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
49	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
50	Analysis of barbiturates by micro-high-performance liquid chromatography with post-column photochemical derivatization. Journal of Chromatography A, 2000, 870, 39-44.	3.7	30
51	On-fiber photodegradation after solid-phase microextraction ofp,p′-DDT and two of its major photoproducts, p,p′-DDE andp,p′-DDD. Journal of Chromatography A, 2003, 985, 175-183.	3.7	29
52	Sorbent trapping solid-phase microextraction of fragrance allergens in indoor air. Journal of Chromatography A, 2010, 1217, 5307-5316.	3.7	28
53	Post-column photochemical derivatization in high-performance liquid chromatography. TrAC - Trends in Analytical Chemistry, 1999, 18, 392-400.	11.4	27
54	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

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55	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
56	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
57	Peel of Traditional Apple Varieties as a Great Source of Bioactive Compounds: Extraction by Micro-Matrix Solid-Phase Dispersion. Foods, 2020, 9, 80.	4.3	26
58	PREOPT-W: A simulation program for off-line optimization of binary gradient separations in HPLCâ€"II. Data management and miscellaneous aspects of use. Computers & Chemistry, 1996, 20, 193-202.	1.2	25
59	Thermal stability of catechin and epicatechin upon disaccharides addition. International Journal of Food Science and Technology, 2018, 53, 1195-1202.	2.7	24
60	Recent Advances in Sample Preparation for Cosmetics and Personal Care Products Analysis. Molecules, 2021, 26, 4900.	3.8	24
61	Analysis of regulated suspected allergens in waters. Talanta, 2010, 83, 464-474.	5.5	23
62	Photochemical studies of a polybrominated diphenyl ethers (PBDES) technical mixture by solid phase microextraction (SPME). Chemosphere, 2005, 60, 922-928.	8.2	20
63	Bioconversion of Scotch broom into a high-quality organic fertiliser: Vermicomposting as a sustainable option. Waste Management and Research, 2018, 36, 1092-1099.	3.9	20
64	PREOPT-W: Off-line optimization of binary gradient separations in HPLC by simulation—IV. Phase 3. Computers & Chemistry, 1996, 20, 315-330.	1.2	19
65	Computer-assisted transfer of programmed elutions in reversed-phase high-performance liquid chromatography. Journal of Chromatography A, 2006, 1128, 17-26.	3.7	19
66	Content of suspected allergens and preservatives in marketed baby and child care products. Analytical Methods, 2013, 5, 416-427.	2.7	19
67	PREOPT-W: Off-line optimization of binary gradient separations in HPLC by simulation—III. Phase 2 and the objective functions. Computers & Chemistry, 1996, 20, 285-313.	1.2	18
68	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
69	Polyphenolic content and bioactivities of <i>Crataegus oxyacantha</i> L. (Rosaceae). Natural Product Research, 2021, 35, 627-632.	1.8	18
70	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
71	Vermicomposting of Winemaking By-Products. , 2017, , 55-78.		17
72	Identification of halogenated photoproducts generated after ultraviolet-irradiation of parabens and benzoates in water containing chlorine by solid-phase microextraction and gas chromatography–mass spectrometry. Journal of Chromatography A, 2014, 1349, 105-115.	3.7	16

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73	Polyphenolic Composition and Antioxidant Activity of Galician Monovarietal Wines from Native and Experimental Non-Native White Grape Varieties. International Journal of Food Properties, 2016, 19, 2307-2321.	3.0	16
74	Anti-adhesive activity of a Vaccinium corymbosum polyphenolic extract targeting intestinal colonization by Klebsiella pneumoniae. Biomedicine and Pharmacotherapy, 2020, 132, 110885.	5.6	16
<b>7</b> 5	Exploring the powerful phytoarsenal of white grape marc against bacteria and parasites causing significant diseases. Environmental Science and Pollution Research, 2021, 28, 24270-24278.	5.3	16
76	Ice photolysis of 2,2′,4,4′,6-pentabromodiphenyl ether (BDE-100): Laboratory investigations using solid phase microextraction. Analytica Chimica Acta, 2012, 742, 90-96.	5.4	15
77	Extreme cosmetics and borderline products: an analytical-based survey of European regulation compliance. Analytical and Bioanalytical Chemistry, 2018, 410, 7085-7102.	3.7	15
78	Antioxidants Profiling of By-Products from Eucalyptus Greenboards Manufacture. Antioxidants, 2019, 8, 263.	5.1	15
79	Further solid-phase microextraction–gas chromatography–mass spectrometry applications: "on-fibre―and aqueous photodegradation of nitro musks. Journal of Chromatography A, 2004, 1048, 73-80.	3.7	14
80	High-performance liquid chromatography of phenolic aldehydes with highly selective fluorimetric detection by means of postcolumn photochemical derivatization. Journal of Chromatography A, 1994, 683, 31-44.	3.7	13
81	Proton magnetic relaxation process during the polymerization of hemoglobin S. Applied Magnetic Resonance, 2005, 28, 79-84.	1.2	13
82	Computer-assisted method development in liquid chromatography–mass spectrometry: New proposals. Journal of Chromatography A, 2008, 1208, 116-125.	3.7	13
83	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
84	Application of solid-phase microextraction to the study of the photochemical behaviour of five priority pesticides: "on-fiber―and aqueous photodegradation. Journal of Chromatography A, 2004, 1047, 271-279.	3.7	12
85	Characterization of grape marcs from native and foreign white varieties grown in northwestern Spain by their polyphenolic composition and antioxidant activity. European Food Research and Technology, 2016, 242, 655-665.	3.3	12
86	Matrix Solid-Phase Dispersion Using Limonene as Greener Alternative for Grape Seeds Extraction, Followed by GC-MS Analysis for Varietal Fatty Acid Profiling. Food Analytical Methods, 2018, 11, 3235-3242.	2.6	12
87	Unraveling the environmental impacts of bioactive compounds and organic amendment from grape marc. Journal of Environmental Management, 2020, 272, 111066.	7.8	12
88	Selectable-power photoreactor for flow-injection analysis systems and high-performance liquid chromatography post-column photochemical derivatization. Journal of Chromatography A, 1996, 724, 55-65.	3.7	11
89	Body-decorating products: Ingredients of permanent and temporary tattoos from analytical and european regulatory perspectives. Analytica Chimica Acta, 2019, 1079, 59-72.	5.4	11
90	Effectiveness of vermicomposting for bioconversion of grape marc derived from red winemaking into a value-added product. Environmental Science and Pollution Research, 2020, 27, 33438-33445.	5.3	11

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91	Utilisation of the bisulfite addition reaction for the separation of neutral aldehydes by capillary electrophoresis. Chromatographia, 1993, 37, 451-454.	1.3	10
92	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
93	Profiling the Fatty Acids Content of Ornamental Camellia Seeds Cultivated in Galicia by an Optimized Matrix Solid-Phase Dispersion Extraction. Bioengineering, 2017, 4, 87.	3.5	10
94	Chemical constituents, in vitro antioxidant and antimicrobial properties of ethyl acetate extract obtained from <i>Cytisus triflorus</i> l'Her. Natural Product Research, 2020, 34, 1586-1590.	1.8	10
95	Applicability of a postcolumn photochemical reactor in the high-performance liquid chromatography of 34 polyphenolic compounds with UV detection. Journal of Chromatography A, 1992, 626, 117-126.	3.7	9
96	Monitoring of pesticide residues in dairy cattle farms from NW Spain. Journal of Environmental Monitoring, 2010, 12, 1864.	2.1	9
97	Pressurized liquid extraction-gas chromatography–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
98	Matrix solid-phase dispersion as a tool for phytochemical and bioactivities characterisation: Crataegus oxyacantha LA case study. Natural Product Research, 2018, 32, 1220-1223.	1.8	9
99	Preservatives in Cosmetics. , 2018, , 175-224.		8
100	Matrix solid-phase dispersion as a greener alternative to obtain bioactive extracts from <i>Haematococcus pluvialis</i> . Characterization by UHPLC-QToF. RSC Advances, 2020, 10, 27995-28006.	3.6	8
101	Solid-phase microextraction as a powerful tool in photochemical studies. International Journal of Environmental Analytical Chemistry, 2005, 85, 281-291.	3.3	7
102	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
103	Earthworms and Grape Marc: Simultaneous Production of a High-Quality Biofertilizer and Bioactive-Rich Seeds. , 0, , .		7
104	Application of solid-phase microextraction to the study of the photochemical behaviour of five priority pesticides: "on-fiber―and aqueous photodegradationâ~†. Journal of Chromatography A, 2004, 1047, 271-279.	3.7	6
105	Tracking Bacterial Spoilage in Cosmetics by a New Bioanalytical Approach: API-SPME-GC-MS to Monitor MVOCs. Cosmetics, 2020, 7, 38.	3.3	6
106	Multicomponent Polyphenolic Extracts from Vaccinium corymbosum at Lab and Pilot Scale. Characterization and Effectivity against Nosocomial Pathogens. Plants, 2021, 10, 2801.	3 <b>.</b> 5	6
107	Detection of Argon by Penning Ionization and Competitive Absorption Using a Sensitized Photoionization Detector. Analytical Chemistry, 1998, 70, 3493-3497.	6.5	5
108	Valveless interface for two-dimensional reversed-phase microcromatography (ν-RPLC)-capillary zone electrophoresis (CZE). Analusis - European Journal of Analytical Chemistry, 1999, 27, 468-471.	0.4	5

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109	Investigation of the photochemical behaviour of pyrethroids lacking the cyclopropane ring by photoâ€solidâ€phase microextraction and gas chromatography/mass spectrometry. Rapid Communications in Mass Spectrometry, 2009, 23, 3673-3687.	1.5	4
110	Monitoring of Natural Pigments in Henna and Jagua Tattoos for Fake Detection. Cosmetics, 2020, 7, 74.	3.3	4
111	Multi-Target Strategy to Uncover Unexpected Compounds in Rinse-Off and Leave-On Cosmetics. Molecules, 2021, 26, 2504.	3.8	4
112	Miniaturized Sample Preparation Methods to Simultaneously Determine the Levels of Glycols, Glycol Ethers and Their Acetates in Cosmetics. Cosmetics, 2021, 8, 102.	3.3	4
113	Occurrence of Patulin and Polyphenol Profile of Croatian Traditional and Conventional Apple Cultivars during Storage. Foods, 2022, 11, 1912.	4.3	4
114	Enhanced electrochemical detection of barbiturates by on-line selectable-power photochemical reaction. Laboratory Robotics and Automation, 1997, 9, 185-189.	0.2	3
115	High-Resolution Mass Spectrometry for the Comprehensive Characterization of Plant-Pigment-Based Tattoos and Dyes Formulations. Cosmetics, 2021, 8, 55.	3.3	3
116	Multicomponent bioactive extract from red stage Haematococcus pluvialis wet paste: avoiding the drying step and toxic solvents. Journal of Applied Phycology, $0$ , $1$ .	2.8	3
117	Cosmetics and Toiletries: Chromatography. , 2013, , .		2
118	Wood processing industry by-products as a source of natural bioactive compounds. Energy and Environment, 2020, , 0958305X2091993.	4.6	2
119	Understanding the chemical and mineralogical composition of commercial henna and jagua tattoos and dyes—a multi-analytical approach. Analytical and Bioanalytical Chemistry, 0, , .	3.7	2
120	Novel Incorporation of Red-Stage Haematococcus pluvialis Wet Paste as a Colourant and Enhancer of the Organoleptic and Functional Properties of Filloas $\hat{a}\in$ ., 2021, 6, .		1
121	Solid-Phase Microextraction as a Powerful Tool in Photochemical Studies. ChemInform, 2005, 36, no.	0.0	0
122	Vermicompostaje del bagazo de uva: fuente de enmienda org $ ilde{A}_i$ nica de alta calidad agr $ ilde{A}$ cola y de polifenoles bioactivos. Recursos Rurais, 2014, , .	0.4	0
123	Nuevos Avances en el Análisis de Cosméticos Mediante Técnicas Cromatográficas. Scientia Chromatographica, 2016, 8, 171-179.	0.2	0
124	Actividade Antioxidante en Carne de Tenreiros Alimentados con Bagazo de Uva. Recursos Rurais, 2019, ,	0.4	0
125	Croatian Traditional Apple Varieties: Why Are They More Resistant to Plant Diseases?. , 2021, 6, .		0
126	Appraising Blueberry Residues as a Natural Source of Bioactive Compounds. , 2021, 6, .		0