Maria Jose Gomez Ramos

List of Publications by Year
in descending order

64 papers	6,665 citations	76326 40 h-index	110387 64 g-index
65 all docs	65 docs citations	65 times ranked	7317 citing authors

#	Article	IF	Citations
1	Occurrence of emerging pollutants in urban wastewater and their removal through biological treatment followed by ozonation. Water Research, 2010, 44, 578-588.	11.3	799
2	Fluoxetine, paroxetine, sertraline, and fluvoxamine in a prospective, multicenter, and descriptive clinical study of 344 patients. Journal of Sex and Marital Therapy, 1997, 23, 176-194.	1.5	479
3	Pilot survey monitoring pharmaceuticals and related compounds in a sewage treatment plant located on the Mediterranean coast. Chemosphere, 2007, 66, 993-1002.	8.2	472
4	Determination of pharmaceuticals of various therapeutic classes by solid-phase extraction and liquid chromatographyâ€“tandem mass spectrometry analysis in hospital effluent wastewaters. Journal of Chromatography A, 2006, 1114, 224-233.	3.7	424
5	Occurrence and persistence of organic emerging contaminants and priority pollutants in five sewage treatment plants of Spain: Two years pilot survey monitoring. Environmental Pollution, 2012, 164, 267-273.	7.5	374
6	Application of Liquid Chromatography/Quadrupole-Linear Ion Trap Mass Spectrometry and Time-of-Flight Mass Spectrometry to the Determination of Pharmaceuticals and Related Contaminants in Wastewater. Analytical Chemistry, 2007, 79, 9372-9384.	6.5	279
7	Determination of pesticide residues in olives and olive oil by matrix solid-phase dispersion followed by gas chromatography/mass spectrometry and liquid chromatography/tandem mass spectrometry. Journal of Chromatography A, 2005, 1069, 183-194.	3.7	221
8	Evidence of 2,7/2,8-dibenzodichloro-p-dioxin as a photodegradation product of triclosan in water and wastewater samples. Analytica Chimica Acta, 2004, 524, 241-247.	5.4	178
9	Ranking potential impacts of priority and emerging pollutants in urban wastewater through life cycle impact assessment. Chemosphere, 2008, 74, 37-44.	8.2	173
10	Evaluation of triclosan and biphenylol in marine sediments and urban wastewaters by pressurized liquid extraction and solid phase extraction followed by gas chromatography mass spectrometry and liquid chromatography mass spectrometry. Analytica Chimica Acta, 2003, 480, 193-205.	5.4	153
11	Determination of pesticide residues in olive oil and olives. TrAC - Trends in Analytical Chemistry, 2007, 26, 239-251.	11.4	152
12	Effects of ozone pre-treatment on diclofenac: Intermediates, biodegradability and toxicity assessment. Science of the Total Environment, 2009, 407, 3572-3578.	8.0	147
13	Rapid automated screening, identification and quantification of organic micro-contaminants and their main transformation products in wastewater and river waters using liquid chromatographyâ€“quadrupole-time-of-flight mass spectrometry with an accurate-mass database. Journal of Chromatography A, 2010, 1217, 7038-7054.	3.7	143
14	Novel Fluorinated Surfactants Tentatively Identified in Firefighters Using Liquid Chromatography Quadrupole Time-of-Flight Tandem Mass Spectrometry and a Case-Control Approach. Environmental Science & Technology, 2015, 49, 2434-2442.	10.0	141
15	Chemical evaluation of contaminants in wastewater effluents and the environmental risk of reusing effluents in agriculture. TrAC - Trends in Analytical Chemistry, 2009, 28, 676-694.	11.4	136
16	Discovery of novel per- and polyfluoroalkyl substances (PFASs) at a fire fighting training ground and preliminary investigation of their fate and mobility. Chemosphere, 2017, 185, 1030-1038.	8.2	128
17	Development of sample extraction and clean-up strategies for target and non-target analysis of environmental contaminants in biological matrices. Journal of Chromatography A, 2015, 1426, 33-47.	3.7	125
18	A new gas chromatography/mass spectrometry method for the simultaneous analysis of target and non-target organic contaminants in waters. Journal of Chromatography A, 2009, 1216, 4071-4082.	3.7	119

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19	Comparative study of analytical methods involving gas chromatographyâ€“mass spectrometry after derivatization and gas chromatographyâ€“tandem mass spectrometry for the determination of selected endocrine disrupting compounds in wastewaters. Journal of Chromatography A, 2004, 1047, 129-135.	3.7	115
20	Photodegradation study of three dipyrone metabolites in various water systems: Identification and toxicity of their photodegradation products. Water Research, 2008, 42, 2698-2706.	11.3	110
21	Automatic Searching and Evaluation of Priority and Emerging Contaminants in Wastewater and River Water by Stir Bar Sorptive Extraction followed by Comprehensive Two-Dimensional Gas Chromatography-Time-of-Flight Mass Spectrometry. Analytical Chemistry, 2011, 83, 2638-2647.	6.5	103
22	LC-MS analysis of basic pharmaceuticals (beta-blockers and anti-ulcer agents) in wastewater and surface water. TrAC - Trends in Analytical Chemistry, 2007, 26, 581-594.	11.4	98
23	Degradation of caffeine and identification of the transformation products generated by ozonation. Chemosphere, 2009, 74, 825-831.	8.2	94
24	Rapid, automated online SPE-LC-QTRAP-MS/MS method for the simultaneous analysis of 14 phthalate metabolites and 5 bisphenol analogues in human urine. Talanta, 2016, 151, 224-233.	5.5	94
25	Spatio-temporal evaluation of organic contaminants and their transformation products along a river basin affected by urban, agricultural and industrial pollution. Science of the Total Environment, 2012, 420, 134-145.	8.0	91
26	Simultaneous analysis of neutral and acidic pharmaceuticals as well as related compounds by gas chromatographyâ€“tandem mass spectrometry in wastewater. Talanta, 2007, 73, 314-320.	5.5	76
27	Liquid chromatography/time-of-flight mass spectrometric analyses for the elucidation of the photodegradation products of triclosan in wastewater samples. Rapid Communications in Mass Spectrometry, 2004, 18, 443-450.	1.5	74
28	An assessment of quality assurance/quality control efforts in high resolution mass spectrometry non-target workflows for analysis of environmental samples. TrAC - Trends in Analytical Chemistry, 2020, 133, 116063.	11.4	73
29	Evaluation of various liquid chromatography-quadrupole-linear ion trap-mass spectrometry operation modes applied to the analysis of organic pollutants in wastewaters. Journal of Chromatography A, 2009, 1216, 5995-6002.	3.7	62
30	Oxidative and photochemical processes for the removal of galaxolide and tonalide from wastewater. Water Research, 2012, 46, 4435-4447.	11.3	61
31	Pilot survey of chemical contaminants from industrial and human activities in river waters of Spain. International Journal of Environmental Analytical Chemistry, 2010, 90, 321-343.	3.3	60
32	An overview of non-targeted screening strategies based on high resolution accurate mass spectrometry for the identification of migrants coming from plastic food packaging materials. TrAC - Trends in Analytical Chemistry, 2019, 110, 191-203.	11.4	59
33	Solid-phase extraction followed by liquid chromatographyâ€“time-of-flightâ€“mass spectrometry to evaluate pharmaceuticals in effluents. A pilot monitoring study. Journal of Environmental Monitoring, 2007, 9, 718-729.	2.1	58
34	Simultaneous measurement in mass and mass/mass mode for accurate qualitative and quantitative screening analysis of pharmaceuticals in river water. Journal of Chromatography A, 2012, 1256, 80-88.	3.7	58
35	The capacity to transport potassium influences sodium tolerance inSaccharomyces cerevisiae. FEMS Microbiology Letters, 1996, 135, 157-160.	1.8	54
36	High-resolution mass spectrometry with data independent acquisition for the comprehensive non-targeted analysis of migrating chemicals coming from multilayer plastic packaging materials used for fruit purÃ©e and juice. Talanta, 2019, 191, 180-192.	5.5	53

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37	Distribution of chemical residues in the beehive compartments and their transfer to the honeybee brood. Science of the Total Environment, 2020, 710, 136288.	8.0	53
38	Analysis of synthetic endocrine-disrupting chemicals in food: A review. Talanta, 2012, 100, 90-106.	5.5	50
39	Energy efficiency for the removal of non-polar pollutants during ultraviolet irradiation, visible light photocatalysis and ozonation of a wastewater effluent. Water Research, 2013, 47, 5546-5556.	11.3	48
40	Potassium Transport by Amino Acid Permeases in Saccharomyces cerevisiae. Journal of Biological Chemistry, 1997, 272, 13647-13652.	3.4	44
41	Concentrations of phthalates and DINCH metabolites in pooled urine from Queensland, Australia. Environment International, 2016, 88, 179-186.	10.0	42
42	Identification of unexpected chemical contaminants in baby food coming from plastic packaging migration by high resolution accurate mass spectrometry. Food Chemistry, 2019, 295, 274-288.	8.2	39
43	Sequential superheated liquid extraction of pesticides, pharmaceutical and personal care products with different polarity from marine sediments followed by gas chromatography mass spectrometry detection. Analytica Chimica Acta, 2005, 552, 50-59.	5.4	35
44	Post-acquisition data processing for the screening of transformation products of different organic contaminants. Two-year monitoring of river water using LC-ESI-QTOF-MS and GCxGC-EI-TOF-MS. Environmental Science and Pollution Research, 2014, 21, 12583-12604.	5.3	33
45	Rapid screening and identification of chemical hazards in surface and drinking water using high resolution mass spectrometry and a case-control filter. Chemosphere, 2017, 182, 656-664.	8.2	27
46	Determination of nicotine in mushrooms by various GC/MS- and LC/MS-based methods. Analytical and Bioanalytical Chemistry, 2012, 402, 935-943.	3.7	25
47	Hostâ€"guest stabilized room temperature phosphorescence in Î²-cyclodextrin/ bromoalcohol solutions from 2-naphthyl-oxy-acetic acid and 1-naphthyl-acetic acid. Talanta, 1993, 40, 1657-1664.	5.5	24
48	A strategic screening approach to identify transformation products of organic micropollutants formed in natural waters. Environmental Sciences: Processes and Impacts, 2017, 19, 488-498.	3.5	23
49	Multi-residue screening of non-polar hazardous chemicals in green turtle blood from different foraging regions of the Great Barrier Reef. Science of the Total Environment, 2019, 652, 862-868.	8.0	22
50	A new method for monitoring oestrogens,N-octylphenol, and bisphenol A in wastewater treatment plants by solid-phase extractionâ€"gas chromatographyâ€"tandem mass spectrometry. International Journal of Environmental Analytical Chemistry, 2006, 86, 3-13.	3.3	20
51	Investigation of Galaxolide degradation products generated under oxidative and irradiation processes by liquid chromatography/hybrid quadrupole timeâ€ofâ€flight mass spectrometry and comprehensive twoâ€dimensional gas chromatography/timeâ€ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2013, 27, 1237-1250.	1.5	20
52	Parts per trillion level determination of endocrine-disrupting chlorinated compounds in river water and wastewater effluent by stir-bar-sorptive extraction followed by gas chromatographyâ€"triple quadrupole mass spectrometry. Analytical and Bioanalytical Chemistry, 2012, 404, 1993-2006.	3.7	19
53	Automated dynamic headspace followed by a comprehensive two-dimensional gas chromatography full scan time-of-flight mass spectrometry method for screening of volatile organic compounds (VOCs) in water. Analytical Methods, 2013, 5, 1165.	2.7	17
54	Sequential Automated Focused Microwave-Assisted Soxhlet Extraction of Compounds with Different Polarity from Marine Sediments Prior to Gas Chromatography Mass Spectrometry Detection. Chromatographia, 2005, 62, 69-74.	1.3	16

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55	Evaluation of segmented non-target data acquisition (SWATH/vDIA) in a QToF and QOrbitrap for pesticide residue analysis. Analytical Methods, 2020, 12, 2027-2038.	2.7	10
56	Evaluation of ozone-based treatment processes for wastewater containing microcontaminants using LC-QTRAP-MS and LC-TOF/MS. Water Science and Technology, 2008, 57, 41-48.	2.5	9
57	Qualitative and quantitative analysis of poly(amidoamine) dendrimers in an aqueous matrix by liquid chromatographyâ€“electrospray ionization-hybrid quadrupole/time-of-flight mass spectrometry (LC-ESI-QTOF-MS). Analytical and Bioanalytical Chemistry, 2013, 405, 5901-5914.	3.7	9
58	Ozone-based reclamation of an STP effluent. Water Science and Technology, 2011, 63, 2123-2130.	2.5	7
59	Detection of Effects Caused by Very Low Levels of Contaminants in Riverine Sediments Through a Combination of Chemical Analysis, In Vitro Bioassays, and Farmed Fish as Sentinel. Archives of Environmental Contamination and Toxicology, 2015, 68, 663-677.	4.1	7
60	Ion chromatography coupled to Q-Orbitrap for the analysis of formic and oxalic acid in beehive matrices: a field study. Analytical and Bioanalytical Chemistry, 2022, 414, 2419-2430.	3.7	7
61	Analysis and evaluation of (neuro)peptides in honey bees exposed to pesticides in field conditions. Environmental Pollution, 2018, 235, 750-760.	7.5	6
62	Presence, persistence and distribution of thymol in honeybees and beehive compartments by high resolution mass spectrometry. Environmental Advances, 2021, 5, 100085.	4.8	6
63	Sodium tolerance depends on the capacity to transport potassium inSaccharomyces cerevisiae. Folia Microbiologica, 1994, 39, 519-520.	2.3	5
64	Comprehensive Two-Dimensional GC of Supercritical Fluid and Pressurized Liquid Extracts of Tobaccos. Journal of Chromatographic Science, 2010, 48, 267-273.	1.4	5