

Sandra Perez

List of Publications by Year in descending order

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133
papers

7,294
citations

38742

50
h-index

58581

82
g-index

137
all docs

137
docs citations

137
times ranked

8247
citing authors

#	ARTICLE	IF	CITATIONS
1	Fate and toxicity of emerging pollutants, their metabolites and transformation products in the aquatic environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 991-1007.	11.4	721
2	EVALUATING THE BIODEGRADABILITY OF SULFAMETHAZINE, SULFAMETHOXAZOLE, SULFATHIAZOLE, AND TRIMETHOPRIM AT DIFFERENT STAGES OF SEWAGE TREATMENT. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 1361.	4.3	254
3	Recent trends in the liquid chromatography–mass spectrometry analysis of organic contaminants in environmental samples. <i>Journal of Chromatography A</i> , 2010, 1217, 4004-4017.	3.7	216
4	Fate and occurrence of X-ray contrast media in the environment. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1235-1246.	3.7	194
5	Fully automated determination of 74 pharmaceuticals in environmental and waste waters by online solid phase extraction–liquid chromatography-electrospray–tandem mass spectrometry. <i>Talanta</i> , 2010, 83, 410-424.	5.5	186
6	Degradation of carbamazepine by <i>Trametes versicolor</i> in an air pulsed fluidized bed bioreactor and identification of intermediates. <i>Water Research</i> , 2012, 46, 955-964.	11.3	178
7	Concentration and risk of pharmaceuticals in freshwater systems are related to the population density and the livestock units in Iberian Rivers. <i>Science of the Total Environment</i> , 2016, 540, 267-277.	8.0	169
8	First determination of C60 and C70 fullerenes and N-methylfulleropyrrolidine C60 on the suspended material of wastewater effluents by liquid chromatography hybrid quadrupole linear ion trap tandem mass spectrometry. <i>Journal of Hydrology</i> , 2010, 383, 44-51.	5.4	166
9	Pharmaceuticals and iodinated contrast media in a hospital wastewater: A case study to analyse their presence and characterise their environmental risk and hazard. <i>Environmental Research</i> , 2015, 140, 225-241.	7.5	155
10	Analytical chemistry of metallic nanoparticles in natural environments. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 528-540.	11.4	152
11	Occurrence of pharmaceutical, recreational and psychotropic drug residues in surface water on the northern Antarctic Peninsula region. <i>Environmental Pollution</i> , 2017, 229, 241-254.	7.5	151
12	Analysis, behavior and ecotoxicity of carbon-based nanomaterials in the aquatic environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 820-832.	11.4	143
13	Achievements and future trends in the analysis of emerging organic contaminants in environmental samples by mass spectrometry and bioanalytical techniques. <i>Journal of Chromatography A</i> , 2012, 1259, 86-99.	3.7	127
14	Occurrence and modeling of pharmaceuticals on a sewage-impacted Mediterranean river and their dynamics under different hydrological conditions. <i>Science of the Total Environment</i> , 2012, 440, 3-13.	8.0	124
15	Proposed transformation pathway and evolution profile of diclofenac and ibuprofen transformation products during (sono)photocatalysis. <i>Applied Catalysis B: Environmental</i> , 2014, 147, 1015-1027.	20.2	120
16	Green analytical chemistry in the determination of organic pollutants in the aquatic environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 1347-1362.	11.4	118
17	Application of advanced MS techniques to analysis and identification of human and microbial metabolites of pharmaceuticals in the aquatic environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 494-514.	11.4	109
18	Effects of pesticides and pharmaceuticals on biofilms in a highly impacted river. <i>Environmental Pollution</i> , 2013, 178, 220-228.	7.5	107

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19	Sensors and biosensors in support of EU Directives. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 170-185.	11.4	106
20	Application of Ion Trap-MS with H/D Exchange and QqTOF-MS in the Identification of Microbial Degradates of Trimethoprim in Nitrifying Activated Sludge. <i>Analytical Chemistry</i> , 2005, 77, 4176-4184.	6.5	104
21	Response of biofilm bacterial communities to antibiotic pollutants in a Mediterranean river. <i>Chemosphere</i> , 2013, 92, 1126-1135.	8.2	102
22	Ecotoxicity of sediments in rivers: Invertebrate community, toxicity bioassays and the toxic unit approach as complementary assessment tools. <i>Science of the Total Environment</i> , 2016, 540, 297-306.	8.0	102
23	Quantitative analysis of polycyclic aromatic hydrocarbons in sewage sludge from wastewater treatment plants. <i>Journal of Chromatography A</i> , 2001, 938, 57-65.	3.7	101
24	Photodegradation of azithromycin in various aqueous systems under simulated and natural solar radiation: Kinetics and identification of photoproducts. <i>Chemosphere</i> , 2011, 83, 340-348.	8.2	101
25	Evidence for the microbially mediated abiotic formation of reversible and non-reversible sulfamethoxazole transformation products during denitrification. <i>Water Research</i> , 2012, 46, 2131-2139.	11.3	101
26	Pharmaceuticals and organic pollution mitigation in reclamation osmosis brines by UV/H ₂ O ₂ and ozone. <i>Journal of Hazardous Materials</i> , 2013, 263, 268-274.	12.4	99
27	Advances in liquid chromatography–high-resolution mass spectrometry for quantitative and qualitative environmental analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6289-6299.	3.7	92
28	Structural Characterization of Metabolites of the X-ray Contrast Agent Iopromide in Activated Sludge Using Ion Trap Mass Spectrometry. <i>Analytical Chemistry</i> , 2006, 78, 1866-1874.	6.5	91
29	Identification and structural characterization of biodegradation products of atenolol and glibenclamide by liquid chromatography coupled to hybrid quadrupole time-of-flight and quadrupole ion trap mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1210, 142-153.	3.7	90
30	Transformation products and reaction pathways of carbamazepine during photocatalytic and sonophotocatalytic treatment. <i>Journal of Hazardous Materials</i> , 2013, 263, 177-186.	12.4	84
31	Solar photocatalytic treatment of trimethoprim in four environmental matrices at a pilot scale: Transformation products and ecotoxicity evaluation. <i>Science of the Total Environment</i> , 2012, 430, 167-173.	8.0	83
32	Degradation of sulfonamides as a microbial resistance mechanism. <i>Water Research</i> , 2017, 115, 309-317.	11.3	81
33	First Evidence for Occurrence of Hydroxylated Human Metabolites of Diclofenac and Aceclofenac in Wastewater Using QqLIT-MS and QqTOF-MS. <i>Analytical Chemistry</i> , 2008, 80, 8135-8145.	6.5	80
34	Wastewater reuse in Mediterranean semi-arid areas: The impact of discharges of tertiary treated sewage on the load of polar micro pollutants in the Llobregat river (NE Spain). <i>Chemosphere</i> , 2011, 82, 670-678.	8.2	80
35	Light-induced catalytic transformation of ofloxacin by solar Fenton in various water matrices at a pilot plant: Mineralization and characterization of major intermediate products. <i>Science of the Total Environment</i> , 2013, 461-462, 39-48.	8.0	74
36	Formation of diclofenac and sulfamethoxazole reversible transformation products in aquifer material under denitrifying conditions: Batch experiments. <i>Science of the Total Environment</i> , 2012, 426, 256-263.	8.0	72

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37	Ibuprofen exposure in <i>Lemna gibba</i> L.: Evaluation of growth and phytotoxic indicators, detection of ibuprofen and identification of its metabolites in plant and in the medium. <i>Journal of Hazardous Materials</i> , 2015, 300, 189-193.	12.4	72
38	Investigating the formation and toxicity of nitrogen transformation products of diclofenac and sulfamethoxazole in wastewater treatment plants. <i>Journal of Hazardous Materials</i> , 2016, 309, 157-164.	12.4	72
39	Metabolism studies of diclofenac and clofibrac acid in activated sludge bioreactors using liquid chromatography with quadrupole time-of-flight mass spectrometry. <i>Journal of Hydrology</i> , 2009, 372, 109-117.	5.4	64
40	Occurrence of polycyclic aromatic hydrocarbons in sewage sludge and their contribution to its toxicity in the ToxAlert® 100 bioassay. <i>Chemosphere</i> , 2001, 45, 705-712.	8.2	61
41	Applications of LC-MS to quantitation and evaluation of the environmental fate of chiral drugs and their metabolites. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 836-846.	11.4	61
42	Photofate of Oseltamivir (Tamiflu) and Oseltamivir Carboxylate under Natural and Simulated Solar Irradiation: Kinetics, Identification of the Transformation Products, and Environmental Occurrence. <i>Environmental Science & Technology</i> , 2011, 45, 4307-4314.	10.0	61
43	LC-HRMS Suspect Screening for Detection-Based Prioritization of Iodinated Contrast Media Photodegradates in Surface Waters. <i>Environmental Science & Technology</i> , 2015, 49, 3464-3472.	10.0	60
44	Response of <i>Lemna gibba</i> L. to high and environmentally relevant concentrations of ibuprofen: Removal, metabolism and morpho-physiological traits for biomonitoring of emerging contaminants. <i>Science of the Total Environment</i> , 2017, 584-585, 363-373.	8.0	60
45	Simultaneous determination of diclofenac, its human metabolites and microbial nitration/nitrosation transformation products in wastewaters by liquid chromatography/quadrupole-linear ion trap mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1347, 63-71.	3.7	59
46	Isolation of Priority Polycyclic Aromatic Hydrocarbons from Natural Sediments and Sludge Reference Materials by an Anti-Fluorene Immunosorbent Followed by Liquid Chromatography and Diode Array Detection. <i>Analytical Chemistry</i> , 1998, 70, 4996-5001.	6.5	58
47	Drugs of abuse, cytostatic drugs and iodinated contrast media in tap water from the Madrid region (central Spain): A case study to analyse their occurrence and human health risk characterization. <i>Environment International</i> , 2016, 86, 107-118.	10.0	58
48	Pharmaceuticals in a Mediterranean Basin: The influence of temporal and hydrological patterns in environmental risk assessment. <i>Science of the Total Environment</i> , 2020, 709, 136205.	8.0	55
49	Pulsed light for a cleaner dyeing industry: Azo dye degradation by an advanced oxidation process driven by pulsed light. <i>Journal of Cleaner Production</i> , 2019, 217, 757-766.	9.3	54
50	Combined thermophilic aerobic process and conventional anaerobic digestion: Effect on sludge biodegradation and methane production. <i>Bioresource Technology</i> , 2010, 101, 2629-2636.	9.6	53
51	Assessing the effects of tertiary treated wastewater reuse on the presence emerging contaminants in a Mediterranean river (Llobregat, NE Spain). <i>Environmental Science and Pollution Research</i> , 2012, 19, 1000-1012.	5.3	51
52	Recent advances in the sample preparation, liquid chromatography tandem mass spectrometric analysis and environmental fate of microcystins in water. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 658-670.	11.4	50
53	Structural Characterization of Photodegradation Products of Enalapril and Its Metabolite Enalaprilat Obtained under Simulated Environmental Conditions by Hybrid Quadrupole-Linear Ion Trap-MS and Quadrupole-Time-of-Flight-MS. <i>Analytical Chemistry</i> , 2007, 79, 8293-8300.	6.5	45
54	Human Metabolite Lamotrigine- <i>N</i> -glucuronide Is the Principal Source of Lamotrigine-Derived Compounds in Wastewater Treatment Plants and Surface Water. <i>Environmental Science & Technology</i> , 2016, 50, 154-164.	10.0	44

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55	Priority and emerging organic microcontaminants in three Mediterranean river basins: Occurrence, spatial distribution, and identification of river basin specific pollutants. <i>Science of the Total Environment</i> , 2021, 754, 142344.	8.0	42
56	Pharmaceuticals on a sewage impacted section of a Mediterranean River (Llobregat River, NE Spain) and their relationship with hydrological conditions. <i>Environmental Science and Pollution Research</i> , 2012, 19, 1013-1025.	5.3	41
57	MALDI-TOF MS Imaging evidences spatial differences in the degradation of solid polycaprolactone diol in water under aerobic and denitrifying conditions. <i>Science of the Total Environment</i> , 2016, 566-567, 27-33.	8.0	41
58	Determination of PAHs in river water samples by ELISA. <i>Analytica Chimica Acta</i> , 1998, 376, 49-53.	5.4	40
59	Biodegradation of fluoroquinolone antibiotics and the climbazole fungicide by <i>Trichoderma</i> species. <i>Environmental Science and Pollution Research</i> , 2020, 27, 23331-23341.	5.3	40
60	Trace Analysis of Polar Pharmaceuticals in Wastewater by LC-MS-MS: Comparison of Membrane Bioreactor and Activated Sludge Systems. <i>Journal of Chromatographic Science</i> , 2009, 47, 19-25.	1.4	37
61	Kinetic and mechanistic studies of the photolysis of metronidazole in simulated aqueous environmental matrices using a mass spectrometric approach. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 421-428.	3.7	37
62	Development and validation of an analytical method based on liquid chromatography-tandem mass spectrometry detection for the simultaneous determination of 13 relevant wastewater-derived contaminants in lettuce. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5375-5387.	3.7	36
63	Modelling the emerging pollutant diclofenac with the GREAT-ER model: Application to the Llobregat River Basin. <i>Journal of Hazardous Materials</i> , 2013, 263, 207-213.	12.4	34
64	Hydrological variation modulates pharmaceutical levels and biofilm responses in a Mediterranean river. <i>Science of the Total Environment</i> , 2014, 472, 1052-1061.	8.0	34
65	Invertebrate community responses to emerging water pollutants in Iberian river basins. <i>Science of the Total Environment</i> , 2015, 503-504, 142-150.	8.0	34
66	Development and validation of an analytical method for determination of pharmaceuticals in fish muscle based on QuEChERS extraction and SWATH acquisition using LC-QTOF-MS/MS system. <i>Talanta</i> , 2019, 199, 370-379.	5.5	34
67	Degradation kinetics and pathways of three calcium channel blockers under UV irradiation. <i>Water Research</i> , 2015, 86, 9-16.	11.3	33
68	Boosting pharmaceutical removal through aeration in constructed wetlands. <i>Journal of Hazardous Materials</i> , 2021, 412, 125231.	12.4	33
69	ASSESSMENT OF THE MUTAGENIC POTENCY OF SEWAGE SLUDGES CONTAMINATED WITH POLYCYCLIC AROMATIC HYDROCARBONS BY AN AMES FLUCTUATION ASSAY. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 2576.	4.3	28
70	Elucidation of phototransformation reactions of the X-ray contrast medium iopromide under simulated solar radiation using UPLC-ESI-QqTOF-MS. <i>Journal of Mass Spectrometry</i> , 2009, 44, 1308-1317.	1.6	28
71	Sea Breeze Modulated Volatilization of Polycyclic Aromatic Hydrocarbons from the Masnou Harbor (NW Mediterranean Sea). <i>Environmental Science & Technology</i> , 2003, 37, 3794-3802.	10.0	27
72	Continuous treatment of clofibric acid by <i>Trametes versicolor</i> in a fluidized bed bioreactor: Identification of transformation products and toxicity assessment. <i>Biochemical Engineering Journal</i> , 2013, 75, 79-85.	3.6	25

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73	Impact of long-term irrigation with municipal reclaimed wastewater on the uptake and degradation of organic contaminants in lettuce and leek. <i>Science of the Total Environment</i> , 2021, 765, 142742.	8.0	25
74	Time-of-Flight Mass Spectrometry Versus Orbitrap-Based Mass Spectrometry for the Screening and Identification of Drugs and Metabolites. <i>Comprehensive Analytical Chemistry</i> , 2012, 58, 217-272.	1.3	24
75	Evaluation of the phototransformation of the antiviral zanamivir in surface waters through identification of transformation products. <i>Journal of Hazardous Materials</i> , 2014, 265, 296-304.	12.4	23
76	Insights into the removal of pharmaceutically active compounds from sewage sludge by two-stage mesophilic anaerobic digestion. <i>Science of the Total Environment</i> , 2021, 789, 147869.	8.0	22
77	Metabolite profiling of carbamazepine and ibuprofen in <i>Solea senegalensis</i> bile using high-resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5441-5450.	3.7	21
78	Development and application of a QuEChERS method with liquid chromatography-quadrupole time of flight-mass spectrometry for the determination of 50 wastewater-borne pollutants in earthworms exposed through treated wastewater. <i>Chemosphere</i> , 2021, 263, 128222.	8.2	21
79	Determination of polycyclic aromatic hydrocarbons in sewage reference sludge by liquid chromatography-atmospheric-pressure chemical-ionization mass spectrometry. <i>Chromatographia</i> , 2001, 53, 475-480.	1.3	20
80	4-nitroso-sulfamethoxazole generation in soil under denitrifying conditions: Field observations versus laboratory results. <i>Journal of Hazardous Materials</i> , 2017, 334, 185-192.	12.4	20
81	Fate of pharmaceutically active compounds in a pilot-scale A2O integrated fixed-film activated sludge (IFAS) process treating municipal wastewater. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105398.	6.7	20
82	Identification of phototransformation products of sildenafil (Viagra) and its N ⁶ -demethylated human metabolite under simulated sunlight. <i>Journal of Mass Spectrometry</i> , 2012, 47, 701-711.	1.6	19
83	Analysis and fate of 14 relevant wastewater-derived organic pollutants in long-term exposed soil. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 2687-2696.	3.7	18
84	Evaluation of anti-pyrene and anti-fluorene immunosorbent clean-up for PAHs from sludge and sediment reference materials followed by liquid chromatography and diode array detection. <i>Analyst</i> , 2000, 125, 1273-1279.	3.5	17
85	The response patterns of stream biofilms to urban sewage change with exposure time and dilution. <i>Science of the Total Environment</i> , 2019, 674, 401-411.	8.0	17
86	Retrospective mass spectrometric analysis of wastewater-fed mesocosms to assess the degradation of drugs and their human metabolites. <i>Journal of Hazardous Materials</i> , 2021, 408, 124984.	12.4	16
87	Transcriptomic, biochemical and individual markers in transplanted <i>Daphnia magna</i> to characterize impacts in the field. <i>Science of the Total Environment</i> , 2015, 503-504, 200-212.	8.0	15
88	Fate and impact of wastewater-borne micropollutants in lettuce and the root-associated bacteria. <i>Science of the Total Environment</i> , 2022, 831, 154674.	8.0	15
89	Application of bioassay panel for assessing the impact of advanced oxidation processes on the treatment of reverse osmosis brine. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 1168-1174.	3.2	14
90	Treatment Technologies for Wastewater Reuse: Fate of Contaminants of Emerging Concern. <i>Handbook of Environmental Chemistry</i> , 2015, , 5-37.	0.4	14

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91	Abiotic amidine and guanidine hydrolysis of lamotrigine-N2-glucuronide and related compounds in wastewater: The role of pH and N2-substitution on reaction kinetics. <i>Water Research</i> , 2016, 100, 466-475.	11.3	14
92	Combining quantitative and qualitative approaches using Sequential Window Acquisition of All Theoretical Fragment-Ion methodology for the detection of pharmaceuticals and related compounds in river fish extracted using a sample miniaturized method. <i>Journal of Chromatography A</i> , 2020, 1620, 461009.	3.7	14
93	Comparison of high resolution mrm and sequential window acquisition of all theoretical fragment-ion acquisition modes for the quantitation of 48 wastewater-borne pollutants in lettuce. <i>Journal of Chromatography A</i> , 2020, 1631, 461566.	3.7	13
94	Removal and toxicity evaluation of a diverse group of drugs from water by a cyclodextrin polymer/pulsed light system. <i>Journal of Hazardous Materials</i> , 2021, 402, 123504.	12.4	13
95	Using MALDI-TOF MS imaging and LC-HRMS for the investigation of the degradation of polycaprolactone diol exposed to different wastewater treatments. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5401-5411.	3.7	12
96	Effect of the pharmaceuticals diclofenac and lamotrigine on stress responses and stress gene expression in lettuce (<i>Lactuca sativa</i>) at environmentally relevant concentrations. <i>Journal of Hazardous Materials</i> , 2021, 403, 123881.	12.4	12
97	Ecotoxicological risk assessment of wastewater irrigation on soil microorganisms: Fate and impact of wastewater-borne micropollutants in lettuce-soil system. <i>Ecotoxicology and Environmental Safety</i> , 2021, 223, 112595.	6.0	12
98	Characterization of glutathione conjugates of chloroacetanilide pesticides using ultra-performance liquid chromatography/quadrupole time-of-flight mass spectrometry and liquid chromatography/ion trap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 4017-4022.	1.5	11
99	Biodegradation of Pharmaceuticals by Fungi and Metabolites Identification. <i>Handbook of Environmental Chemistry</i> , 2012, , 165-213.	0.4	11
100	Multilayered solid phase extraction and ultra performance liquid chromatographic method for suspect screening of halogenated pharmaceuticals and photo-transformation products in freshwater - comparison between data-dependent and data-independent acquisition mass spectrometry. <i>Journal of Chromatography A</i> , 2022, 1663, 462760.	3.7	11
101	Structure elucidation of phototransformation products of unapproved analogs of the erectile dysfunction drug sildenafil in artificial freshwater with UPLC-Exactive-MS. <i>Journal of Mass Spectrometry</i> , 2014, 49, 1279-1289.	1.6	10
102	Elimination of persistent anthropogenic pollutants by micro-mesoporous carbon xerogels. Natural organic matter on surface water and textural properties influences. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104885.	6.7	10
103	Ecotoxicological impact of the antihypertensive valsartan on earthworms, extracellular enzymes and soil bacterial communities. <i>Environmental Pollution</i> , 2021, 275, 116647.	7.5	10
104	The in vitro interference of synthetic progestogens with carp steroidogenic enzymes. <i>Aquatic Toxicology</i> , 2014, 155, 314-321.	4.0	9
105	Determination of the antimicrobial growth promoter moenomycin-A in chicken litter. <i>Journal of Chromatography A</i> , 2007, 1175, 234-241.	3.7	8
106	Suspect Screening of Pharmaceuticals and Related Bioactive Compounds, Their Metabolites and Their Transformation Products in the Aquatic Environment, Biota and Humans Using LC-HR-MS Techniques. <i>Comprehensive Analytical Chemistry</i> , 2016, , 357-378.	1.3	8
107	Preliminary results on the uptake and biochemical response to water-exposure of Tamiflu® (oseltamivir phosphate) in two marine bivalves. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2019, 82, 75-85.	2.3	8
108	Analysis of pharmaceuticals in fish using ultrasound extraction and dispersive spe clean-up on que Z-Sep/C18 followed by LC-QToF-MS detection. <i>MethodsX</i> , 2020, 7, 101010.	1.6	7

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109	Using a polymer probe characterized by MALDI-TOF/MS to assess river ecosystem functioning: From polymer selection to field tests. <i>Science of the Total Environment</i> , 2016, 573, 532-540.	8.0	6
110	HRMS Approaches for Evaluating Transformations of Pharmaceuticals in the Aquatic Environment. <i>ACS Symposium Series</i> , 2016, , 25-44.	0.5	5
111	One-step extraction and analysis of 45 contaminants of emerging concern using QuEChERS methodology and HR-MS in radish leaves and roots. <i>MethodsX</i> , 2021, 8, 101308.	1.6	5
112	Nitrosation and nitration of diclofenac and structurally related nonsteroidal anti-inflammatory drugs (NSAIDs) in nitrifying activated sludge. <i>Science of the Total Environment</i> , 2022, 807, 150533.	8.0	5
113	Fragmentation studies on the antibiotic avilamycin A using ion trap mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2004, 39, 1541-1553.	1.6	4
114	Pollutants of Emerging Concern in Rivers of Catalonia: Occurrence, Fate, and Risk. <i>Handbook of Environmental Chemistry</i> , 2015, , 283-320.	0.4	4
115	Environmental analysis: Emerging pollutants. , 2017, , 451-477.		4
116	Conventional and Advanced Processes for the Removal of Pharmaceuticals and Their Human Metabolites from Wastewater. <i>ACS Symposium Series</i> , 2018, , 15-67.	0.5	4
117	Biomarker responses and metabolism in <i>Lumbricus terrestris</i> exposed to drugs of environmental concern, an <i>in vivo</i> and <i>in vitro</i> approach. <i>Chemosphere</i> , 2021, 277, 130283.	8.2	4
118	Development of a USE/d-SPE and targeted DIA-Orbitrap-MS acquisition methodology for the analysis of wastewater-derived organic pollutants in fish tissues and body fluids. <i>MethodsX</i> , 2022, 9, 101705.	1.6	4
119	Wastewater Reuse in the Mediterranean Area of Catalonia, Spain: Case Study of Reuse of Tertiary Effluent from a Wastewater Treatment Plant at el Prat de Llobregat (Barcelona). <i>Handbook of Environmental Chemistry</i> , 2010, , 249-294.	0.4	3
120	Wastewater Reuse in the Llobregat: The Experience at the Prat de Llobregat Treatment Plant. <i>Handbook of Environmental Chemistry</i> , 2012, , 327-346.	0.4	2
121	Methods for Elucidation of Transformation Pathways. <i>Comprehensive Analytical Chemistry</i> , 2013, 62, 593-610.	1.3	2
122	Liquid Chromatography–Mass Spectrometry: Quantification and Confirmation Aspects. , 2015, , 347-377.		2
123	The Journey of Human Drugs from Their Design at the Bench to Their Fate in Crops. <i>Handbook of Environmental Chemistry</i> , 2020, , 3.	0.4	2
124	Perfluorinated Compounds in Food. <i>Handbook of Environmental Chemistry</i> , 2012, , 127-153.	0.4	2
125	A Modified Recombineering Protocol for the Genetic Manipulation of Gene Clusters in <i>Aspergillus fumigatus</i> . <i>PLoS ONE</i> , 2014, 9, e111875.	2.5	2
126	Analyzing transformation products of synthetic chemicals. <i>Handbook of Environmental Chemistry</i> , 2008, , 43-81.	0.4	1

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127	Acquisition and processing multispectral imaging system to cardiovascular tissue. , 2013, , .		1
128	Conclusions and Future Research Needs. Comprehensive Analytical Chemistry, 2013, 62, 705-718.	1.3	1
129	Metabolism of Pharmaceuticals in Plants and Their Associated Microbiota. Handbook of Environmental Chemistry, 2020, , 221-264.	0.4	1
130	Removal of diclofenac by a local bacterial consortium: UHPLC-ESI-MS/MS analysis of metabolites and ecotoxicity assessment. Brazilian Journal of Microbiology, 2021, 52, 749-759.	2.0	1
131	Chapter 12. UHPLC-MS for Multi-residue Screening of Pharmaceuticals in Environmental Samples. RSC Chromatography Monographs, 2012, , 337-353.	0.1	0
132	Analysis of mutli-spectral images from cardiovascular tissue by means of blind source separation methods. , 2014, , .		0
133	Conclusions and Future Perspectives. Handbook of Environmental Chemistry, 2020, , 525-530.	0.4	0