Marinella Farre

List of Publications by Citations

180 papers	8,737 citations	55 h-index	88 g-index
187 ext. papers	9,843 ext. citations	7.5 avg, IF	6.31 L-index

#	Paper	IF	Citations
180	Fate and toxicity of emerging pollutants, their metabolites and transformation products in the aquatic environment. *TrAC - Trends in Analytical Chemistry*, **2008**, 27, 991-1007	14.6	601
179	Ecotoxicity and analysis of nanomaterials in the aquatic environment. *Analytical and Bioanalytical Chemistry*, **2009**, 393, 81-95	4.4	370
178	Determination of drugs in surface water and wastewater samples by liquid chromatography-mass spectrometry: methods and preliminary results including toxicity studies with Vibrio fischeri. *Journal of Chromatography A*, **2001**, 938, 187-97	4.5	318
177	Cytotoxic effects of commonly used nanomaterials and microplastics on cerebral and epithelial human cells. *Environmental Research*, **2017**, 159, 579-587	7.9	271
176	Toxicity testing of wastewater and sewage sludge by biosensors, bioassays and chemical analysis. *TrAC - Trends in Analytical Chemistry*, **2003**, 22, 299-310	14.6	250
175	Accumulation of perfluoroalkyl substances in human tissues. *Environment International*, **2013**, 59, 354-62	12.9	239
174	Recent trends in the liquid chromatography-mass spectrometry analysis of organic contaminants in environmental samples. *Journal of Chromatography A*, **2010**, 1217, 4004-17	4.5	187
173	Analysis and assessment of the occurrence, the fate and the behavior of nanomaterials in the environment. *TrAC - Trends in Analytical Chemistry*, **2011**, 30, 517-527	14.6	183
172	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. *Journal of Hydrology*, **2010**, 383, 44-51	6	152
171	Adsorption of perfluoroalkyl substances on microplastics under environmental conditions. *Environmental Pollution*, **2018**, 235, 680-691	9.3	138
170	Analysis of selected emerging contaminants in sewage sludge. *TrAC - Trends in Analytical Chemistry*, **2009**, 28, 1263-1275	14.6	133
169	Analysis, behavior and ecotoxicity of carbon-based nanomaterials in the aquatic environment. *TrAC - Trends in Analytical Chemistry*, **2009**, 28, 820-832	14.6	124
168	Determination of glyphosate in groundwater samples using an ultrasensitive immunoassay and confirmation by on-line solid-phase extraction followed by liquid chromatography coupled to tandem mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2012**, 402, 2335-45	4.4	114
167	Analytical methodologies for the detection of β-lactam antibiotics in milk and feed samples. *TrAC - Trends in Analytical Chemistry*, **2009**, 28, 729-744	14.6	113
166	Green analytical chemistry in the determination of organic pollutants in the aquatic environment. *TrAC - Trends in Analytical Chemistry*, **2010**, 29, 1347-1362	14.6	112
165	Emerging food contaminants: a review. *Analytical and Bioanalytical Chemistry*, **2010**, 398, 2413-27	4.4	110
164	Comparative study of an estradiol enzyme-linked immunosorbent assay kit, liquid chromatography-tandem mass spectrometry, and ultra performance liquid chromatography-quadrupole time of flight mass spectrometry for part-per-trillion analysis of estrogens in water samples. *Journal of Chromatography A*, **2007**, 1160, 166-75	4.5	109

163	Achievements and future trends in the analysis of emerging organic contaminants in environmental samples by mass spectrometry and bioanalytical techniques. *Journal of Chromatography A*, **2012**, 1259, 86-99	4.5	108
162	Ecotoxicological effects of carbon based nanomaterials in aquatic organisms. *Science of the Total Environment*, **2018**, 619-620, 328-337	10.2	103
161	Hexabromocyclododecane in human breast milk: levels and enantiomeric patterns. *Environmental Science & Technology*, **2009**, 43, 1940-6	10.3	102
160	Analysis of perfluoroalkyl substances in waters from Germany and Spain. *Science of the Total Environment*, **2012**, 431, 139-50	10.2	98
159	Application of ultra-high pressure liquid chromatography linear ion-trap orbitrap to qualitative and quantitative assessment of pesticide residues. *Journal of Chromatography A*, **2014**, 1328, 66-79	4.5	96
158	Infant exposure of perfluorinated compounds: levels in breast milk and commercial baby food. *Environment International*, **2010**, 36, 584-92	12.9	96
157	Sensors and biosensors in support of EU Directives. *TrAC - Trends in Analytical Chemistry*, **2009**, 28, 170-185	14.6	90
156	Assessment of perfluoroalkyl substances in food items at global scale. *Environmental Research*, **2014**, 135, 181-9	7.9	89
155	Prioritization of chemicals in the aquatic environment based on risk assessment: analytical, modeling and regulatory perspective. *Science of the Total Environment*, **2012**, 440, 236-52	10.2	87
154	Part per trillion determination of atrazine in natural water samples by a surface plasmon resonance immunosensor. *Analytical and Bioanalytical Chemistry*, **2007**, 388, 207-14	4.4	87
153	Perfluoroalkyl substances assessment in drinking waters from Brazil, France and Spain. *Science of the Total Environment*, **2016**, 539, 143-152	10.2	82
152	Occurrence of linear and cyclic volatile methylsiloxanes in wastewater, surface water and sediments from Catalonia. *Science of the Total Environment*, **2013**, 443, 530-8	10.2	82
151	Fully automated analysis of beta-lactams in bovine milk by online solid phase extraction-liquid chromatography-electrospray-tandem mass spectrometry. *Analytical Chemistry*, **2009**, 81, 4285-95	7.8	81
150	Development and validation of a pressurized liquid extraction liquid chromatography-tandem mass spectrometry method for perfluorinated compounds determination in fish. *Journal of Chromatography A*, **2009**, 1216, 7195-204	4.5	80
149	Pharmaceuticals as chemical markers of wastewater contamination in the vulnerable area of the Ebro Delta (Spain). *Science of the Total Environment*, **2019**, 652, 952-963	10.2	80
148	Distribution and fate of perfluoroalkyl substances in Mediterranean Spanish sewage treatment plants. *Science of the Total Environment*, **2014**, 472, 912-22	10.2	79
147	Integrated ecotoxicological and chemical approach for the assessment of pesticide pollution in the Ebro River delta (Spain). *Journal of Hydrology*, **2010**, 383, 73-82	6	79
146	Liquid chromatography-atmospheric pressure photoionization-Orbitrap analysis of fullerene aggregates on surface soils and river sediments from Santa Catarina (Brazil). *Science of the Total Environment*, **2015**, 505, 172-9	10.2	78

145	Analysis of emerging contaminants in food. *TrAC - Trends in Analytical Chemistry*, **2013**, 43, 240-253	14.6	77
144	New Insights on the Influence of Organic Co-Contaminants on the Aquatic Toxicology of Carbon Nanomaterials. *Environmental Science & Technology*, **2016**, 50, 961-9	10.3	76
143	Assessment of the acute toxicity of triclosan and methyl triclosan in wastewater based on the bioluminescence inhibition of Vibrio fischeri. *Analytical and Bioanalytical Chemistry*, **2008**, 390, 1999-2007	4.4	75
142	Wastewater toxicity screening of non-ionic surfactants by Toxalert and Microtox bioluminescence inhibition assays. *Analytica Chimica Acta*, **2001**, 427, 181-189	6.6	74
141	Perfluorinated compounds in food: a global perspective. *Critical Reviews in Food Science and Nutrition*, **2011**, 51, 605-25	11.5	73
140	Direct peel monitoring of xenobiotics in fruit by direct analysis in real time coupled to a linear quadrupole ion trap-orbitrap mass spectrometer. *Analytical Chemistry*, **2013**, 85, 2638-44	7.8	71
139	Quantitative trace analysis of fullerenes in river sediment from Spain and soils from Saudi Arabia. *Analytical and Bioanalytical Chemistry*, **2013**, 405, 5915-23	4.4	70
138	Perfluoroalkyl substance contamination of the Llobregat River ecosystem (Mediterranean area, NE Spain). *Science of the Total Environment*, **2015**, 503-504, 48-57	10.2	68
137	Occurrence of aerosol-bound fullerenes in the Mediterranean Sea atmosphere. *Environmental Science & Technology*, **2012**, 46, 1335-43	10.3	67
136	Analysis of biologically active compounds in water by ultra-performance liquid chromatography quadrupole time-of-flight mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2008**, 22, 41-51	2.2	64
135	Analysis of perfluorinated compounds in sewage sludge by pressurized solvent extraction followed by liquid chromatography-mass spectrometry. *Journal of Chromatography A*, **2011**, 1218, 4840-6	4.5	63
134	Toxicity assessment of organic pollution in wastewaters using a bacterial biosensor. *Analytica Chimica Acta*, **2001**, 426, 155-165	6.6	63
133	Analysis of the presence of perfluoroalkyl substances in water, sediment and biota of the Jucar River (E Spain). Sources, partitioning and relationships with water physical characteristics. *Environmental Research*, **2016**, 147, 503-12	7.9	62
132	Novel routes for inter-matrix synthesis and characterization of polymer stabilized metal nanoparticles for molecular recognition devices. *Sensors and Actuators B: Chemical*, **2006**, 118, 408-417	8.5	60
131	Solid-phase treatment with the fungus Trametes versicolor substantially reduces pharmaceutical concentrations and toxicity from sewage sludge. *Bioresource Technology*, **2011**, 102, 5602-8	11	59
130	Investigating the formation and toxicity of nitrogen transformation products of diclofenac and sulfamethoxazole in wastewater treatment plants. *Journal of Hazardous Materials*, **2016**, 309, 157-64	12.8	58
129	Removal of pharmaceuticals, polybrominated flame retardants and UV-filters from sludge by the fungus Trametes versicolor in bioslurry reactor. *Journal of Hazardous Materials*, **2012**, 233-234, 235-43	12.8	57
128	Confirmation of fenthion metabolites in oranges by IT-MS and QqTOF-MS. *Analytical Chemistry*, **2007**, 79, 9350-63	7.8	57

127	Evidencing generation of persistent ozonation products of antibiotics roxithromycin and trimethoprim. *Environmental Science & Technology*, **2009**, 43, 6808-15	10.3	56
126	Antibiotic resistance along an urban river impacted by treated wastewaters. *Science of the Total Environment*, **2018**, 628-629, 453-466	10.2	55
125	Trace analysis of polystyrene microplastics in natural waters. *Chemosphere*, **2019**, 236, 124321	8.4	55
124	Analysis and toxicity of methomyl and ametryn after biodegradation. *Analytical and Bioanalytical Chemistry*, **2002**, 373, 704-9	4.4	54
123	Contaminants of emerging concern in freshwater fish from four Spanish Rivers. *Science of the Total Environment*, **2019**, 659, 1186-1198	10.2	54
122	Automated analysis of perfluorinated compounds in human hair and urine samples by turbulent flow chromatography coupled to tandem mass spectrometry. *Analytical and Bioanalytical Chemistry* , **2012**, 402, 2369-78	4.4	53
121	Development and validation of a pressurised liquid extraction liquid chromatography-electrospray-tandem mass spectrometry method for beta-lactams and sulfonamides in animal feed. *Journal of Chromatography A*, **2010**, 1217, 4247-54	4.5	53
120	First interlaboratory exercise on non-steroidal anti-inflammatory drugs analysis in environmental samples. *Talanta*, **2008**, 76, 580-90	6.2	53
119	Advances in immunochemical technologies for analysis of organic pollutants in the environment. *TrAC - Trends in Analytical Chemistry*, **2007**, 26, 1100-1112	14.6	51
118	Microplastics in Mediterranean coastal area: toxicity and impact for the environment and human health. *Trends in Environmental Analytical Chemistry*, **2020**, 27, e00090	12	50
117	Triclosan and methyl-triclosan monitoring study in the northeast of Spain using a magnetic particle enzyme immunoassay and confirmatory analysis by gas chromatography□mass spectrometry. *Journal of Hydrology*, **2008**, 361, 1-9	6	50
116	Screening water for pollutants using biological techniques under European Union funding during the last 10 years. *TrAC - Trends in Analytical Chemistry*, **2005**, 24, 532-545	14.6	50
115	Occurrence of polycyclic aromatic hydrocarbons in sewage sludge and their contribution to its toxicity in the toxalert 100 bioassay. *Chemosphere*, **2001**, 45, 705-12	8.4	50
114	Identification of toxic compounds in wastewater treatment plants during a field experiment. *Analytica Chimica Acta*, **2002**, 456, 19-30	6.6	49
113	Seasonal variations in the occurrence of perfluoroalkyl substances in water, sediment and fish samples from Ebro Delta (Catalonia, Spain). *Science of the Total Environment*, **2017**, 607-608, 933-943	10.2	48
112	Perfluoroalkyl substances in the Ebro and Guadalquivir river basins (Spain). *Science of the Total Environment*, **2016**, 540, 191-9	10.2	47
111	Levels and fate of perfluoroalkyl substances in beached plastic pellets and sediments collected from Greece. *Marine Pollution Bulletin*, **2014**, 87, 286-291	6.7	47
110	Occurrence of perfluorinated compounds in water and sediment of L'Albufera Natural Park (Val□cia, Spain). *Environmental Science and Pollution Research*, **2012**, 19, 946-57	5.1	45

109	Rapid residue analysis of fluoroquinolones in raw bovine milk by online solid phase extraction followed by liquid chromatography coupled to tandem mass spectrometry. *Journal of Chromatography A*, **2011**, 1218, 9019-27	4.5	44
108	Meta-analysis of glyphosate contamination in surface waters and dissipation by biofilms. *Environment International*, **2019**, 124, 284-293	12.9	42
107	Fate of a broad spectrum of perfluorinated compounds in soils and biota from Tierra del Fuego and Antarctica. *Environmental Pollution*, **2012**, 163, 158-66	9.3	41
106	Second interlaboratory exercise on non-steroidal anti-inflammatory drug analysis in environmental aqueous samples. *Talanta*, **2010**, 81, 1189-96	6.2	41
105	Occurrence and persistence of carbapenemases genes in hospital and wastewater treatment plants and propagation in the receiving river. *Journal of Hazardous Materials*, **2018**, 358, 33-43	12.8	41
104	A new digestion approach for the extraction of microplastics from gastrointestinal tracts (GITs) of the common dolphinfish (Coryphaena hippurus) from the western Mediterranean Sea. *Journal of Hazardous Materials*, **2020**, 397, 122794	12.8	39
103	Rapid and sensitive ultra-high-pressure liquid chromatography-quadrupole time-of-flight mass spectrometry for the quantification of amitraz and identification of its degradation products in fruits. *Journal of Chromatography A*, **2008**, 1203, 36-46	4.5	39
102	Effects of a fungicide (imazalil) and an insecticide (diazinon) on stream fungi and invertebrates associated with litter breakdown. *Science of the Total Environment*, **2014**, 476-477, 532-41	10.2	36
101	Pesticide toxicity assessment using an electrochemical biosensor with Pseudomonas putida and a bioluminescence inhibition assay with Vibrio fischeri. *Analytical and Bioanalytical Chemistry*, **2002**, 373, 696-703	4.4	36
100	Riverine anthropogenic litter load to the Mediterranean Sea near the metropolitan area of Barcelona, Spain. *Science of the Total Environment*, **2020**, 714, 136807	10.2	35
99	Unexpected occurrence of volatile dimethylsiloxanes in Antarctic soils, vegetation, phytoplankton, and krill. *Environmental Science & Technology*, **2015**, 49, 4415-24	10.3	34
98	Identification of disinfection by-products of selected triazines in drinking water by LC-Q-ToF-MS/MS and evaluation of their toxicity. *Journal of Mass Spectrometry*, **2009**, 44, 330-7	2.2	33
97	In-field monitoring of cleaning efficiency in waste water treatment plants using two phenol-sensitive biosensors. *Analytica Chimica Acta*, **2002**, 456, 3-17	6.6	33
96	Review of emerging contaminants in aquatic biota from Latin America: 2002-2016. *Environmental Toxicology and Chemistry*, **2017**, 36, 1716-1727	3.8	32
95	Evaluation of commercial immunoassays for the detection of estrogens in water by comparison with high-performance liquid chromatography tandem mass spectrometry HPLC-MS/MS (QqQ). *Analytical and Bioanalytical Chemistry*, **2006**, 385, 1001-11	4.4	32
94	Nanoparticle tracking analysis characterisation and parts-per-quadrillion determination of fullerenes in river samples from Barcelona catchment area. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 4261-75	4.4	30
93	Application of ring study: water toxicity determinations by bioluminescence assay with Vibrio fischeri. *Talanta*, **2006**, 69, 370-6	6.2	29
92	Medium to highly polar pesticides in seawater: Analysis and fate in coastal areas of Catalonia (NE Spain). *Chemosphere*, **2019**, 215, 515-523	8.4	29

91	Drought episode modulates the response of river biofilms to triclosan. *Aquatic Toxicology*, **2013**, 127, 36-45	5.1	28
90	Delivery of unprecedented amounts of perfluoroalkyl substances towards the deep-sea. *Science of the Total Environment*, **2015**, 526, 41-8	10.2	26
89	Determination of antibacterials in animal feed by pressurized liquid extraction followed by online purification and liquid chromatography-electrospray tandem mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2010**, 398, 1195-205	4.4	25
88	Determination of several fullerenes in sewage water by LC HR-MS using atmospheric pressure photoionisation. *Environmental Science: Nano*, **2015**, 2, 167-176	7.1	23
87	Determination of amitraz and its transformation products in pears by ethyl acetate extraction and liquid chromatography-tandem mass spectrometry. *Journal of Chromatography A*, **2009**, 1216, 3138-46	4.5	23
86	Study of the performance of three LC-MS/MS platforms for analysis of perfluorinated compounds. *Analytical and Bioanalytical Chemistry*, **2010**, 398, 1145-59	4.4	22
85	Analytical Utility of Quadrupole Time-of-Flight Mass Spectrometry for the Determination of Pesticide Residues in Comparison with an Optimized Column High-Performance Liquid Chromatography/Tandem Mass Spectrometry Method. *Journal of AOAC INTERNATIONAL*, **2009**, 92, 734-744	1.7	22
84	European ring exercise on water toxicity using different bioluminescence inhibition tests based on Vibrio fischeri, in support to the implementation of the water framework directive. *Talanta*, **2006**, 69, 323-33	6.2	22
83	Metabolic Responses of Mytilus galloprovincialis to Fullerenes in Mesocosm Exposure Experiments. *Environmental Science & Technology*, **2018**, 52, 1002-1013	10.3	21
82	Occurrence of C and related fullerenes in the Sava River under different hydrologic conditions. *Science of the Total Environment*, **2018**, 643, 1108-1116	10.2	21
81	Occurrence and distribution of six selected endocrine disrupting compounds in surface- and groundwaters of the Romagna area (North Italy). *Environmental Science and Pollution Research*, **2017**, 24, 21153-21167	5.1	20
80	Introduction to the Analysis and Risk of Nanomaterials in Environmental and Food Samples. *Comprehensive Analytical Chemistry*, **2012**, 1-32	1.9	20
79	Interlaboratory study of the bioluminescence inhibition tests for rapid wastewater toxicity assessment. *Talanta*, **2004**, 62, 549-58	6.2	20
78	Recent advances in the detection of natural toxins in freshwater environments. *TrAC - Trends in Analytical Chemistry*, **2019**, 112, 75-86	14.6	20
77	Priority and emerging organic microcontaminants in three Mediterranean river basins: Occurrence, spatial distribution, and identification of river basin specific pollutants. *Science of the Total Environment*, **2021**, 754, 142344	10.2	20
76	Fast pesticide pre-screening in marine environment using a green microalgae-based optical bioassay. *Marine Pollution Bulletin*, **2018**, 129, 212-221	6.7	19
75	Optical biosensor based on the microalga-paramecium symbiosis for improved marine monitoring. *Sensors and Actuators B: Chemical*, **2018**, 270, 424-432	8.5	19
74	Transformation of C60 fullerene aggregates suspended and weathered under realistic environmental conditions. *Carbon*, **2018**, 128, 54-62	10.4	19

73	Direct analysis in real-time high-resolution mass spectrometry as a valuable tool for polyphenols profiling in olive oil. *Analytical Methods*, **2019**, 11, 472-482	3.2	18
72	Characterization of wastewater toxicity by means of a whole-cell bacterial biosensor, using Pseudomonas putida, in conjunction with chemical analysis. *Freseniusl Journal of Analytical Chemistry*, **2001**, 371, 467-73		18
71	Direct application of an enzyme-linked immunosorbent assay method for carbaryl determination in fruits and vegetables. Comparison with a liquid chromatography□postcolumn reaction fluorescence detection method. *Analytica Chimica Acta*, **1999**, 387, 245-253	6.6	18
70	Occurrence of Cerium-, Titanium-, and Silver-Bearing Nanoparticles in the Bes□ and Ebro Rivers. *Environmental Science & Technology*, **2020**, 54, 3969-3978	10.3	17
69	Levels of regulated POPs in fish samples from the Sava River Basin. Comparison to legislated quality standard values. *Science of the Total Environment*, **2019**, 647, 20-28	10.2	17
68	Analysis of lipophilic marine biotoxins by liquid chromatography coupled with high-resolution mass spectrometry in seawater from the Catalan Coast. *Analytical and Bioanalytical Chemistry*, **2017**, 409, 5451-5462	4.4	17
67	Adsorption and Desorption Behaviour of Polychlorinated Biphenyls onto Microplastics' Surfaces in Water/Sediment Systems. *Toxics*, **2020**, 8,	4.7	17
66	Evaluation of 4-Nitrophenol ELISA Kit for Assessing the Origin of Organic Pollution in Wastewater Treatment Works. *Environmental Science & Technology*, **1999**, 33, 3898-3904	10.3	16
65	Environmental risks associated with contaminants of legacy and emerging concern at European aquaculture areas. *Environmental Pollution*, **2019**, 252, 1301-1310	9.3	15
64	Impact of fullerenes in the bioaccumulation and biotransformation of venlafaxine, diuron and triclosan in river biofilms. *Environmental Research*, **2019**, 169, 377-386	7.9	15
63	Screening of suspected micro(nano)plastics in the Ebro Delta (Mediterranean Sea). *Journal of Hazardous Materials*, **2021**, 404, 124022	12.8	15
62	Volatile dimethylsiloxanes in market seafood and freshwater fish from the X□uer River, Spain. *Science of the Total Environment*, **2016**, 545-546, 236-43	10.2	14
61	Analysis of perfluoroalkyl substances in cord blood by turbulent flow chromatography coupled to tandem mass spectrometry. *Science of the Total Environment*, **2012**, 433, 151-60	10.2	14
60	A harmonized European framework for method validation to support research on emerging pollutants. *TrAC - Trends in Analytical Chemistry*, **2011**, 30, 1233-1242	14.6	13
59	Evaluation of a newly developed enzyme-linked immunosorbent assay for determination of linear alkyl benzenesulfonates in wastewater treatment plants. *Environmental Science & Technology*, **2006**, 40, 5064-70	10.3	13
58	Essential and toxic elements in commercial baby food on the Spanish and Serbian market. *Food Additives and Contaminants: Part B Surveillance*, **2017**, 10, 27-38	3.3	12
57	Quantitative profiling of perfluoroalkyl substances by ultrahigh-performance liquid chromatography and hybrid quadrupole time-of-flight mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 4247-59	4.4	12
56	Suspect screening of natural toxins in surface and drinking water by high performance liquid chromatography and high-resolution mass spectrometry. *Chemosphere*, **2020**, 261, 127888	8.4	12

55	Interferometric nanoimmunosensor for label-free and real-time monitoring of Irgarol 1051 in seawater. *Biosensors and Bioelectronics*, **2018**, 117, 47-52	11.8	12
54	Fullerenes Influence the Toxicity of Organic Micro-Contaminants to River Biofilms. *Frontiers in Microbiology*, **2018**, 9, 1426	5.7	11
53	Validation of interlaboratory studies on toxicity in water samples. *TrAC - Trends in Analytical Chemistry*, **2007**, 26, 283-292	14.6	10
52	Perfluoroalkyl substances in Breast milk, infant formula and baby food from Valencian Community (Spain). *Environmental Nanotechnology, Monitoring and Management*, **2016**, 6, 108-115	3.3	10
51	Ultra-Trace Analysis of Cyanotoxins by Liquid Chromatography Coupled to High-Resolution Mass Spectrometry. *Toxins*, **2020**, 12,	4.9	9
50	Development and validation of a multianalyte immunoassay for the quantification of environmental pollutants in seawater samples from the Catalonia coastal area. *Analytical and Bioanalytical Chemistry*, **2019**, 411, 5897-5907	4.4	7
49	Exposure to single and binary mixtures of fullerenes and triclosan: Reproductive and behavioral effects in the freshwater snail Radix balthica. *Environmental Research*, **2019**, 176, 108565	7.9	7
48	Biosensors for Aquatic Toxicology Evaluation. *Handbook of Environmental Chemistry*, **2009**, 115-160	0.8	7
47	Response to comments on "Unexpected occurrence of volatile dimethylsiloxanes in Antarctic soils, vegetation, phytoplankton and krill". *Environmental Science & Technology*, **2015**, 49, 7510-2	10.3	6
46	Screening water for pollutants: A selective report on the 1st focused workshop (validation of robustness of sensors and bioassays for screening pollutants) of the SWIFT-WFD project held in Ma□Menorca (Balearic Islands), Spain, 2 and 3 December 2004. *TrAC - Trends in Analytical Chemistry*, **2005**, 24, 165-169	14.6	6
45	Remote and in situ devices for the assessment of marine contaminants of emerging concern and plastic debris detection. *Current Opinion in Environmental Science and Health*, **2020**, 18, 79-94	8.1	6
44	Current Insights into Potential Effects of Micro-Nanoplastics on Human Health by Tests.. *Frontiers in Toxicology*, **2021**, 3, 752140	1.6	6
43	Sample treatment procedures for environmental sensing and biosensing. *Current Opinion in Biotechnology*, **2017**, 45, 170-174	11.4	5
42	Cyanobacteria and their secondary metabolites in three freshwater reservoirs in the United Kingdom. *Environmental Sciences Europe*, **2021**, 33,	5	5
41	Biosensors and Bioassays for Environmental Monitoring. *Comprehensive Analytical Chemistry*, **2017**, 77, 337-383	1.9	4
40	Ambient Ionization Techniques. *Comprehensive Analytical Chemistry*, **2015**, 245-273	1.9	4
39	Analysis and Fate of Organic Nanomaterials in Environmental Samples. *Comprehensive Analytical Chemistry*, **2012**, 59, 131-168	1.9	4
38	Analysis, levels and seasonal variation of cyanotoxins in freshwater ecosystems. *Trends in Environmental Analytical Chemistry*, **2020**, 26, e00091	12	4

37	Occurrence of regulated pollutants in populated Mediterranean basins: Ecotoxicological risk and effects on biological quality. *Science of the Total Environment*, **2020**, 747, 141224	10.2	4
36	Perfluoroalkyl phosphonic acids adsorption behaviour and removal by wastewater organisms. *Science of the Total Environment*, **2018**, 636, 273-281	10.2	3
35	Environmental Analysis **2013**, 389-410		3
34	Environmental analysis: Emerging pollutants **2017**, 451-477		3
33	Perfluorinated Compounds Analysis, Environmental Fate and Occurrence: The Llobregat River as Case Study. *Handbook of Environmental Chemistry*, **2012**, 193-237	0.8	3
32	Anthropogenic contaminants in freshwater from the northern Antarctic Peninsula region. *Ambio*, **2021**, 50, 544-559	6.5	3
31	Screening and Quantification of Micro(Nano)Plastics and Plastic Additives in the Seawater of Mar Menor Lagoon. *Frontiers in Marine Science*, **2021**, 8,	4.5	3
30	Polymers of micro(nano) plastic in household tap water of the Barcelona Metropolitan Area. *Water Research*, **2022**, 220, 118645	12.5	3
29	Future trends in environmental metabolomics analysis **2020**, 339-341		2
28	Microfluidic devices: biosensors **2020**, 287-351		2
27	Ultra-trace determination of domoic acid in the Ebro Delta estuary by SPE-HILIC-HRMS. *Analytical Methods*, **2020**, 12, 1966-1974	3.2	2
26	A fast and simple procedure for determination of perfluoroalkyl substances in food and feed: a method verification by an interlaboratory study. *Analytical and Bioanalytical Chemistry*, **2013**, 405, 7817-27	4.4	2
25	Monitoring and managing river pollutants. *TrAC - Trends in Analytical Chemistry*, **2006**, 25, 743-747	14.6	2
24	Toxicity Testing of Wastewater and Sewage Sludge by Biosensors, Bioassays and Chemical Analysis. *ChemInform*, **2003**, 34, no		2
23	Suspect and Target Screening of Natural Toxins in the Ter River Catchment Area in NE Spain and Prioritisation by Their Toxicity. *Toxins*, **2020**, 12,	4.9	2
22	Bioconcentration and bioaccumulation of C fullerene and C epoxide in biofilms and freshwater snails (Radix sp.). *Environmental Research*, **2020**, 180, 108715	7.9	2
21	Adsorption and Desorption Properties of Carbon Nanomaterials, the Potential for Water Treatments and Associated Risks **2017**, 137-182		1
20	In Response: Views from research/academia on the challenges to detecting carbon-based nanomaterials in environmental matrices--An academic perspective. *Environmental Toxicology and Chemistry*, **2015**, 34, 954-5	3.8	1

19	Metabolomics effects of nanomaterials **2020**, 259-281		1
18	Emerging Organic Contaminants and Nanomaterials in Food. *Handbook of Environmental Chemistry*, **2012**, 1-46	0.8	1
17	Relaci□ entre la exposici□ a disruptores endocrinos durante el per□odo fetal y perinatal y la tasa de oligospermia. *Revista Internacional De Andrologí□*, **2011**, 9, 41-49	0.6	1
16	Pesticides at The Ebro River Delta: Occurrence and Toxicity in Water and Biota. *Handbook of Environmental Chemistry*, **2010**, 259-274	0.8	1
15	Bioassays and Biosensors. *Water Quality Measurements Series*, **2009**, 125-156		1
14	Biosensors for Environmental Monitoring at Global Scale and the EU Level. *Handbook of Environmental Chemistry*, **2009**, 1-32	0.8	1
13	Perfluorinated Compounds in Food. *Handbook of Environmental Chemistry*, **2012**, 127-153	0.8	1
12	Volatile Dimethylsiloxanes in Aquatic Systems. *Handbook of Environmental Chemistry*, **2018**, 159-180	0.8	1
11	A data independent acquisition all ion fragmentation mode tool for the suspect screening of natural toxins in surface water. *MethodsX*, **2021**, 8, 101286	1.9	1
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