Marinella Farre

List of Publications by Year
in descending order

179	11,234	18479 62	32838 100
papers	citations	h-index	g-index

187	187	187	12300
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fate and toxicity of emerging pollutants, their metabolites and transformation products in the aquatic environment. TrAC - Trends in Analytical Chemistry, 2008, 27, 991-1007.	11.4	721
2	Cytotoxic effects of commonly used nanomaterials and microplastics on cerebral and epithelial human cells. Environmental Research, 2017, 159, 579-587.	7.5	495
3	Ecotoxicity and analysis of nanomaterials in the aquatic environment. Analytical and Bioanalytical Chemistry, 2009, 393, 81-95.	3.7	415
4	Accumulation of perfluoroalkyl substances in human tissues. Environment International, 2013, 59, 354-362.	10.0	401
5	Determination of drugs in surface water and wastewater samples by liquid chromatographyâ€“mass spectrometry: methods and preliminary results including toxicity studies with Vibrio fischeri. Journal of Chromatography A, 2001, 938, 187-197.	3.7	340
6	Toxicity testing of wastewater and sewage sludge by biosensors, bioassays and chemical analysis. TrAC - Trends in Analytical Chemistry, 2003, 22, 299-310.	11.4	296
7	Adsorption of perfluoroalkyl substances on microplastics under environmental conditions. Environmental Pollution, 2018, 235, 680-691.	7.5	220
8	Recent trends in the liquid chromatographyâ€“mass spectrometry analysis of organic contaminants in environmental samples. Journal of Chromatography A, 2010, 1217, 4004-4017.	3.7	216
9	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.	11.4	203
10	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.	5.4	166
11	Ecotoxicological effects of carbon based nanomaterials in aquatic organisms. Science of the Total Environment, 2018, 619-620, 328-337.	8.0	154
12	Analysis of selected emerging contaminants in sewage sludge. TrAC - Trends in Analytical Chemistry, 2009, 28, 1263-1275.	11.4	153
13	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, 2335-2345.	3.7	146
14	Analysis, behavior and ecotoxicity of carbon-based nanomaterials in the aquatic environment. TrAC - Trends in Analytical Chemistry, 2009, 28, 820-832.	11.4	143
15	Analytical methodologies for the detection of Î²-lactam antibiotics in milk and feed samples. TrAC - Trends in Analytical Chemistry, 2009, 28, 729-744.	11.4	134
16	Emerging food contaminants: a review. Analytical and Bioanalytical Chemistry, 2010, 398, 2413-2427.	3.7	130
17	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.	3.7	127
18	Perfluoroalkyl substances assessment in drinking waters from Brazil, France and Spain. Science of the Total Environment, 2016, 539, 143-152.	8.0	127

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19	Analysis of perfluoroalkyl substances in waters from Germany and Spain. Science of the Total Environment, 2012, 431, 139-150.	8.0	125
20	Comparative study of an estradiol enzyme-linked immunosorbent assay kit, liquid chromatographyâ€“tandem mass spectrometry, and ultra performance liquid chromatographyâ€“quadrupole time of flight mass spectrometry for part-per-trillion analysis of estrogens in water samples. Journal of Chromatography A, 2007, 1160, 166-175.	3.7	124
21	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.	8.0	121
22	Green analytical chemistry in the determination of organic pollutants in the aquatic environment. TrAC - Trends in Analytical Chemistry, 2010, 29, 1347-1362.	11.4	118
23	Assessment of perfluoroalkyl substances in food items at global scale. Environmental Research, 2014, 135, 181-189.	7.5	116
24	Infant exposure of perfluorinated compounds: Levels in breast milk and commercial baby food. Environment International, 2010, 36, 584-592.	10.0	115
25	Hexabromocyclododecane in Human Breast Milk: Levels and Enantiomeric Patterns. Environmental Science & Technology, 2009, 43, 1940-1946.	10.0	112
26	Sensors and biosensors in support of EU Directives. TrAC - Trends in Analytical Chemistry, 2009, 28, 170-185.	11.4	106
27	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.	3.7	106
28	Meta-analysis of glyphosate contamination in surface waters and dissipation by biofilms. Environment International, 2019, 124, 284-293.	10.0	103
29	Occurrence of linear and cyclic volatile methylsiloxanes in wastewater, surface water and sediments from Catalonia. Science of the Total Environment, 2013, 443, 530-538.	8.0	102
30	Contaminants of emerging concern in freshwater fish from four Spanish Rivers. Science of the Total Environment, 2019, 659, 1186-1198.	8.0	101
31	Prioritization of chemicals in the aquatic environment based on risk assessment: Analytical, modeling and regulatory perspective. Science of the Total Environment, 2012, 440, 236-252.	8.0	99
32	Part per trillion determination of atrazine in natural water samples by a surface plasmon resonance immunosensor. Analytical and Bioanalytical Chemistry, 2007, 388, 207-214.	3.7	97
33	Distribution and fate of perfluoroalkyl substances in Mediterranean Spanish sewage treatment plants. Science of the Total Environment, 2014, 472, 912-922.	8.0	94
34	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, 503-512.	7.5	92
35	Development and validation of a pressurized liquid extraction liquid chromatographyâ€“tandem mass spectrometry method for perfluorinated compounds determination in fish. Journal of Chromatography A, 2009, 1216, 7195-7204.	3.7	91
36	Fully Automated Analysis of Î²-Lactams in Bovine Milk by Online Solid Phase Extraction-Liquid Chromatography-Electrospray-Tandem Mass Spectrometry. Analytical Chemistry, 2009, 81, 4285-4295.	6.5	91

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37	Integrated ecotoxicological and chemical approach for the assessment of pesticide pollution in the Ebro River delta (Spain). Journal of Hydrology, 2010, 383, 73-82.	5.4	91
38	Antibiotic resistance along an urban river impacted by treated wastewaters. Science of the Total Environment, 2018, 628-629, 453-466.	8.0	91
39	Trace analysis of polystyrene microplastics in natural waters. Chemosphere, 2019, 236, 124321.	8.2	91
40	Microplastics in Mediterranean coastal area: toxicity and impact for the environment and human health. Trends in Environmental Analytical Chemistry, 2020, 27, e00090.	10.3	91
41	New Insights on the Influence of Organic Co-Contaminants on the Aquatic Toxicology of Carbon Nanomaterials. Environmental Science & Technology, 2016, 50, 961-969.	10.0	89
42	Analysis of emerging contaminants in food. TrAC - Trends in Analytical Chemistry, 2013, 43, 240-253.	11.4	87
43	Wastewater toxicity screening of non-ionic surfactants by ToxalertÂ® and MicrotoxÂ® bioluminescence inhibition assays. Analytica Chimica Acta, 2001, 427, 181-189.	5.4	86
44	Perfluorinated Compounds in Food: A Global Perspective. Critical Reviews in Food Science and Nutrition, 2011, 51, 605-625.	10.3	85
45	Liquid chromatographyâ€“atmospheric pressure photoionizationâ€“Orbitrap analysis of fullerene aggregates on surface soils and river sediments from Santa Catarina (Brazil). Science of the Total Environment, 2015, 505, 172-179.	8.0	85
46	Perfluoroalkyl substance contamination of the Llobregat River ecosystem (Mediterranean area, NE) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	8.0	81
47	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.	3.7	80
48	Occurrence of Aerosol-Bound Fullerenes in the Mediterranean Sea Atmosphere. Environmental Science & Technology, 2012, 46, 1335-1343.	10.0	75
49	Direct Peel Monitoring of Xenobiotics in Fruit by Direct Analysis in Real Time Coupled to a Linear Quadrupole Ion Trapâ€“Orbitrap Mass Spectrometer. Analytical Chemistry, 2013, 85, 2638-2644.	6.5	75
50	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.	12.4	75
51	Quantitative trace analysis of fullerenes in river sediment from Spain and soils from Saudi Arabia. Analytical and Bioanalytical Chemistry, 2013, 405, 5915-5923.	3.7	73
52	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.	8.0	73
53	Toxicity assessment of organic pollution in wastewaters using a bacterial biosensor. Analytica Chimica Acta, 2001, 426, 155-165.	5.4	72
54	Investigating the formation and toxicity of nitrogen transformation products of diclofenac and sulfamethoxazole in wastewater treatment plants. Journal of Hazardous Materials, 2016, 309, 157-164.	12.4	72

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55	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, 235-243.	12.4	70
56	Analysis of biologically active compounds in water by ultraâ€performance liquid chromatography quadrupole timeâ€ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2008, 22, 41-51.	1.5	69
57	Solid-phase treatment with the fungus Trametes versicolor substantially reduces pharmaceutical concentrations and toxicity from sewage sludge. Bioresource Technology, 2011, 102, 5602-5608.	9.6	69
58	Riverine anthropogenic litter load to the Mediterranean Sea near the metropolitan area of Barcelona, Spain. Science of the Total Environment, 2020, 714, 136807.	8.0	69
59	Analysis and toxicity of methomyl and ametryn after biodegradation. Analytical and Bioanalytical Chemistry, 2002, 373, 704-709.	3.7	68
60	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.	12.4	68
61	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.	7.8	65
62	Analysis of perfluorinated compounds in sewage sludge by pressurized solvent extraction followed by liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2011, 1218, 4840-4846.	3.7	65
63	Levels and fate of perfluoroalkyl substances in beached plastic pellets and sediments collected from Greece. Marine Pollution Bulletin, 2014, 87, 286-291.	5.0	65
64	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, 2369-2378.	3.7	64
65	Occurrence of polycyclic aromatic hydrocarbons in sewage sludge and their contribution to its toxicity in the ToxAlertÂ® 100 bioassay. Chemosphere, 2001, 45, 705-712.	8.2	61
66	Confirmation of Fenthion Metabolites in Oranges by IT-MS and QqTOF-MS. Analytical Chemistry, 2007, 79, 9350-9363.	6.5	61
67	Evidencing Generation of Persistent Ozonation Products of Antibiotics Roxithromycin and Trimethoprim. Environmental Science & Technology, 2009, 43, 6808-6815.	10.0	60
68	Development and validation of a pressurised liquid extraction liquid chromatographyâ€“electrosprayâ€“tandem mass spectrometry method for Î²-lactams and sulfonamides in animal feed. Journal of Chromatography A, 2010, 1217, 4247-4254.	3.7	60
69	Perfluoroalkyl substances in the Ebro and Guadalquivir river basins (Spain). Science of the Total Environment, 2016, 540, 191-199.	8.0	59
70	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.	11.4	58
71	Advances in immunochemical technologies for analysis of organic pollutants in the environment. TrAC - Trends in Analytical Chemistry, 2007, 26, 1100-1112.	11.4	58
72	Identification of toxic compounds in wastewater treatment plants during a field experiment. Analytica Chimica Acta, 2002, 456, 19-30.	5.4	56

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73	Triclosan and methyl-triclosan monitoring study in the northeast of Spain using a magnetic particle enzyme immunoassay and confirmatory analysis by gas chromatographyâ€“mass spectrometry. Journal of Hydrology, 2008, 361, 1-9.	5.4	56
74	First interlaboratory exercise on non-steroidal anti-inflammatory drugs analysis in environmental samples. Talanta, 2008, 76, 580-590.	5.5	56
75	Occurrence of perfluorinated compounds in water and sediment of Lâ€™Albufera Natural Park (ValÃ¨ncia,) Tj ETQq1 1 0.784314 rgBT	5.3	53
76	Review of emerging contaminants in aquatic biota from Latin America: 2002â€“2016. Environmental Toxicology and Chemistry, 2017, 36, 1716-1727.	4.3	51
77	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, 9019-9027.	3.7	49
78	Fate of a broad spectrum of perfluorinated compounds in soils and biota from Tierra del Fuego and Antarctica. Environmental Pollution, 2012, 163, 158-166.	7.5	49
79	Medium to highly polar pesticides in seawater: Analysis and fate in coastal areas of Catalonia (NE) Tj ETQq1 1 0.784314 rgBT /Overlo	8.2	49
80	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, 532-541.	8.0	48
81	Unexpected Occurrence of Volatile Dimethylsiloxanes in Antarctic Soils, Vegetation, Phytoplankton, and Krill. Environmental Science & Technology, 2015, 49, 4415-4424.	10.0	47
82	Rapid and sensitive ultra-high-pressure liquid chromatographyâ€“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.	3.7	46
83	Recent advances in the detection of natural toxins in freshwater environments. TrAC - Trends in Analytical Chemistry, 2019, 112, 75-86.	11.4	46
84	Second interlaboratory exercise on non-steroidal anti-inflammatory drug analysis in environmental aqueous samples. Talanta, 2010, 81, 1189-1196.	5.5	45
85	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.	3.7	42
86	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.	8.0	42
87	Occurrence of Cerium-, Titanium-, and Silver-Bearing Nanoparticles in the BesÃ²s and Ebro Rivers. Environmental Science & Technology, 2020, 54, 3969-3978.	10.0	39
88	Adsorption and Desorption Behaviour of Polychlorinated Biphenyls onto Microplasticsâ€™ Surfaces in Water/Sediment Systems. Toxics, 2020, 8, 59.	3.7	38
89	Nanoparticle tracking analysis characterisation and parts-per-quadrillion determination of fullerenes in river samples from Barcelona catchment area. Analytical and Bioanalytical Chemistry, 2015, 407, 4261-4275.	3.7	37
90	In-field monitoring of cleaning efficiency in waste water treatment plants using two phenol-sensitive biosensors. Analytica Chimica Acta, 2002, 456, 3-17.	5.4	36

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91	Evaluation of commercial immunoassays for the detection of estrogens in water by comparison with high-performance liquid chromatography tandem mass spectrometry HPLCâ€“MS/MS (QqQ). Analytical and Bioanalytical Chemistry, 2006, 385, 1001-1011.	3.7	36
92	Identification of disinfection byâ€products of selected triazines in drinking water by LCâ€Qâ€ToFâ€MS/MS and evaluation of their toxicity. Journal of Mass Spectrometry, 2009, 44, 330-337.	1.6	35
93	Screening of suspected micro(nano)plastics in the Ebro Delta (Mediterranean Sea). Journal of Hazardous Materials, 2021, 404, 124022.	12.4	35
94	Impact of fullerenes in the bioaccumulation and biotransformation of venlafaxine, diuron and triclosan in river biofilms. Environmental Research, 2019, 169, 377-386.	7.5	34
95	Introduction to the Analysis and Risk of Nanomaterials in Environmental and Food Samples. Comprehensive Analytical Chemistry, 2012, , 1-32.	1.3	33
96	Drought episode modulates the response of river biofilms to triclosan. Aquatic Toxicology, 2013, 127, 36-45.	4.0	33
97	Delivery of unprecedented amounts of perfluoroalkyl substances towards the deep-sea. Science of the Total Environment, 2015, 526, 41-48.	8.0	31
98	Optical biosensor based on the microalga-paramecium symbiosis for improved marine monitoring. Sensors and Actuators B: Chemical, 2018, 270, 424-432.	7.8	31
99	Occurrence of C60 and related fullerenes in the Sava River under different hydrologic conditions. Science of the Total Environment, 2018, 643, 1108-1116.	8.0	31
100	Application of ring study: Water toxicity determinations by bioluminescence assay with Vibrio fischeri. Talanta, 2006, 69, 370-376.	5.5	30
101	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.	3.7	29
102	Metabolic Responses of Mytilus galloprovincialis to Fullerenes in Mesocosm Exposure Experiments. Environmental Science & Technology, 2018, 52, 1002-1013.	10.0	29
103	Determination of amitraz and its transformation products in pears by ethyl acetate extraction and liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2009, 1216, 3138-3146.	3.7	28
104	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, 1195-1205.	3.7	28
105	Current Insights into Potential Effects of Micro-Nanoplastics on Human Health by in-vitro Tests. Frontiers in Toxicology, 2021, 3, 752140.	3.1	28
106	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.	5.3	27
107	Environmental risks associated with contaminants of legacy and emerging concern at European aquaculture areas. Environmental Pollution, 2019, 252, 1301-1310.	7.5	27
108	Transformation of C60 fullerene aggregates suspended and weathered under realistic environmental conditions. Carbon, 2018, 128, 54-62.	10.3	26

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109	Suspect screening of natural toxins in surface and drinking water by high performance liquid chromatography and high-resolution mass spectrometry. Chemosphere, 2020, 261, 127888.	8.2	26
110	Interlaboratory study of the bioluminescence inhibition tests for rapid wastewater toxicity assessment. Talanta, 2004, 62, 549-558.	5.5	25
111	Determination of several fullerenes in sewage water by LC HR-MS using atmospheric pressure photoionisation. Environmental Science: Nano, 2015, 2, 167-176.	4.3	25
112	Characterization of wastewater toxicity by means of a whole-cell bacterial biosensor, using Pseudomonas putida, in conjunction with chemical analysis. Fresenius' Journal of Analytical Chemistry, 2001, 371, 467-473.	1.5	24
113	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.	1.5	24
114	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.	8.0	24
115	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.	2.7	24
116	Cyanobacteria and their secondary metabolites in three freshwater reservoirs in the United Kingdom. Environmental Sciences Europe, 2021, 33, .	5.5	24
117	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, 323-333.	5.5	23
118	Study of the performance of three LC-MS/MS platforms for analysis of perfluorinated compounds. Analytical and Bioanalytical Chemistry, 2010, 398, 1145-1159.	3.7	23
119	Fast pesticide pre-screening in marine environment using a green microalgae-based optical bioassay. Marine Pollution Bulletin, 2018, 129, 212-221.	5.0	23
120	Polymers of micro(nano) plastic in household tap water of the Barcelona Metropolitan Area. Water Research, 2022, 220, 118645.	11.3	23
121	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.	2.8	22
122	Anthropogenic contaminants in freshwater from the northern Antarctic Peninsula region. Ambio, 2021, 50, 544-559.	5.5	21
123	Direct application of an enzyme-linked immunosorbent assay method for carbaryl determination in fruits and vegetables. Comparison with a liquid chromatographyâ€“postcolumn reaction fluorescence detection method. Analytica Chimica Acta, 1999, 387, 245-253.	5.4	19
124	Evaluation of 4-Nitrophenol ELISA Kit for Assessing the Origin of Organic Pollution in Wastewater Treatment Works. Environmental Science & Technology, 1999, 33, 3898-3904.	10.0	18
125	Volatile dimethylsiloxanes in market seafood and freshwater fish from the XÃºquer River, Spain. Science of the Total Environment, 2016, 545-546, 236-243.	8.0	18
126	Interferometric nanoimmunosensor for label-free and real-time monitoring of Irgarol 1051 in seawater. Biosensors and Bioelectronics, 2018, 117, 47-52.	10.1	18

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127	Analysis of perfluoroalkyl substances in cord blood by turbulent flow chromatography coupled to tandem mass spectrometry. Science of the Total Environment, 2012, 433, 151-160.	8.0	17
128	Quantitative profiling of perfluoroalkyl substances by ultrahigh-performance liquid chromatography and hybrid quadrupole time-of-flight mass spectrometry. Analytical and Bioanalytical Chemistry, 2015, 407, 4247-4259.	3.7	17
129	Fullerenes Influence the Toxicity of Organic Micro-Contaminants to River Biofilms. Frontiers in Microbiology, 2018, 9, 1426.	3.5	16
130	Ultra-Trace Analysis of Cyanotoxins by Liquid Chromatography Coupled to High-Resolution Mass Spectrometry. Toxins, 2020, 12, 247.	3.4	16
131	A harmonized European framework for method validation to support research on emerging pollutants. TrAC - Trends in Analytical Chemistry, 2011, 30, 1233-1242.	11.4	14
132	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.	4.1	14
133	Evaluation of a Newly Developed Enzyme-Linked Immunosorbent Assay for Determination of Linear Alkyl Benzenesulfonates in Wastewater Treatment Plants. Environmental Science & Technology, 2006, 40, 5064-5070.	10.0	13
134	Perfluoroalkyl substances in Breast milk, infant formula and baby food from Valencian Community (Spain). Environmental Nanotechnology, Monitoring and Management, 2016, 6, 108-115.	2.9	13
135	Analysis, levels and seasonal variation of cyanotoxins in freshwater ecosystems. Trends in Environmental Analytical Chemistry, 2020, 26, e00091.	10.3	11
136	Validation of interlaboratory studies on toxicity in water samples. TrAC - Trends in Analytical Chemistry, 2007, 26, 283-292.	11.4	10
137	Biosensors for Aquatic Toxicology Evaluation. Handbook of Environmental Chemistry, 2009, , 115-160.	0.4	10
138	Bioconcentration and bioaccumulation of C60 fullerene and C60 epoxide in biofilms and freshwater snails (Radix sp.). Environmental Research, 2020, 180, 108715.	7.5	10
139	Suspect and Target Screening of Natural Toxins in the Ter River Catchment Area in NE Spain and Prioritisation by Their Toxicity. Toxins, 2020, 12, 752.	3.4	10
140	Screening and Quantification of Micro(Nano)Plastics and Plastic Additives in the Seawater of Mar Menor Lagoon. Frontiers in Marine Science, 2021, 8, .	2.5	10
141	Screening water for pollutants. TrAC - Trends in Analytical Chemistry, 2005, 24, 165-169.	11.4	9
142	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.	7.5	9
143	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.	3.7	8
144	Occurrence of regulated pollutants in populated Mediterranean basins: Ecotoxicological risk and effects on biological quality. Science of the Total Environment, 2020, 747, 141224.	8.0	8

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145	Analysis of highly polar marine biotoxins in seawater by hydrophilic interaction liquid chromatography coupled to high resolution mass spectrometry. MethodsX, 2021, 8, 101370.	1.6	8
146	Response to Comments on â€œUnexpected Occurrence of Volatile Dimethylsiloxanes in Antarctic Soils, Vegetation, Phytoplankton and Krillâ€• Environmental Science & Technology, 2015, 49, 7510-7512.	10.0	7
147	Sample treatment procedures for environmental sensing and biosensing. Current Opinion in Biotechnology, 2017, 45, 170-174.	6.6	7
148	Environmental Analysis. , 2013, , 389-410.		6
149	Emerging Contaminants in Waste Waters: Sources and Occurrence. , 2008, , 1-35.		5
150	Perfluoroalkyl phosphonic acids adsorption behaviour and removal by wastewater organisms. Science of the Total Environment, 2018, 636, 273-281.	8.0	5
151	Analysis and Fate of Organic Nanomaterials in Environmental Samples. Comprehensive Analytical Chemistry, 2012, 59, 131-168.	1.3	4
152	Ambient Ionization Techniques. Comprehensive Analytical Chemistry, 2015, , 245-273.	1.3	4
153	Biosensors and Bioassays for Environmental Monitoring. Comprehensive Analytical Chemistry, 2017, 77, 337-383.	1.3	4
154	Environmental analysis: Emerging pollutants. , 2017, , 451-477.		4
155	Metabolomics effects of nanomaterials. , 2020, , 259-281.		4
156	Ultra-trace determination of domoic acid in the Ebro Delta estuary by SPE-HILIC-HRMS. Analytical Methods, 2020, 12, 1966-1974.	2.7	4
157	Perfluorinated Compoundsâ€™ Analysis, Environmental Fate and Occurrence: The Llobregat River as Case Study. Handbook of Environmental Chemistry, 2012, , 193-237.	0.4	3
158	Microfluidic devices: biosensors. , 2020, , 287-351.		3
159	A data independent acquisition all ion fragmentation mode tool for the suspect screening of natural toxins in surface water. MethodsX, 2021, 8, 101286.	1.6	3
160	Toxicity Testing of Wastewater and Sewage Sludge by Biosensors, Bioassays and Chemical Analysis. ChemInform, 2003, 34, no.	0.0	2
161	Monitoring and managing river pollutants. TrAC - Trends in Analytical Chemistry, 2006, 25, 743-747.	11.4	2
162	Bioassays and Biosensors. Water Quality Measurements Series, 2009, , 125-156.	0.1	2

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163	Pesticides at The Ebro River Delta: Occurrence and Toxicity in Water and Biota. Handbook of Environmental Chemistry, 2010, , 259-274.	0.4	2
164	Emerging Organic Contaminants and Nanomaterials in Food. Handbook of Environmental Chemistry, 2012, , 1-46.	0.4	2
165	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, 7817-7827.	3.7	2
166	Adsorption and Desorption Properties of Carbon Nanomaterials, the Potential for Water Treatments and Associated Risks. , 2017, , 137-182.		2
167	Future trends in environmental metabolomics analysis. , 2020, , 339-341.		2
168	Biosensors for Environmental Monitoring at Global Scale and the EU Level. Handbook of Environmental Chemistry, 2009, , 1-32.	0.4	2
169	Perfluorinated Compounds in Food. Handbook of Environmental Chemistry, 2012, , 127-153.	0.4	2
170	PROMOTE-ETV looks for credibility. TrAC - Trends in Analytical Chemistry, 2008, 27, 387-389.	11.4	1
171	Perfluorinated Compounds in Drinking Water, Food and Human Samples. Handbook of Environmental Chemistry, 2012, , 337-373.	0.4	1
172	Emerging Contaminants. , 2012, , 665-691.		1
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