

Damián Barcelá³

List of Publications by Year in descending order

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Version: 2024-02-01

630
papers

52,266
citations

872

117
h-index

3323

184
g-index

649
all docs

649
docs citations

649
times ranked

34289
citing authors

#	ARTICLE	IF	CITATIONS
1	Perspectives on ecological risks of microplastics and phthalate acid esters in crop production systems. <i>Soil Ecology Letters</i> , 2022, 4, 97-108.	4.5	11
2	Disinfectant-induced hormesis: An unknown environmental threat of the application of disinfectants to prevent SARS-CoV-2 infection during the COVID-19 pandemic?. <i>Environmental Pollution</i> , 2022, 292, 118429.	7.5	20
3	Novel methodology for identification and quantification of microplastics in biological samples. <i>Environmental Pollution</i> , 2022, 292, 118466.	7.5	16
4	Highly hazardous pesticides and related pollutants: Toxicological, regulatory, and analytical aspects. <i>Science of the Total Environment</i> , 2022, 807, 151879.	8.0	74
5	Insights into removal of antibiotics by selected microalgae (<i>Chlamydomonas reinhardtii</i> , <i>Chlorella</i>) Tj ETQq1 1 0.784314 rgBT /Overlook 102560.	4.6	19
6	Transmission of SARS-CoV-2 infections and exposure in surfaces, points and wastewaters: A global one health perspective. <i>Case Studies in Chemical and Environmental Engineering</i> , 2022, 5, 100184.	6.1	15
7	Sorption of Pharmaceuticals on Microplastics. , 2022, , 577-612.		0
8	Shedding light on the toxicity of SARS-CoV-2-derived peptide in non-target COVID-19 organisms: A study involving inbred and outbred mice. <i>NeuroToxicology</i> , 2022, 90, 184-196.	3.0	8
9	Micro(Nano)plastic analysis: a green and sustainable perspective. <i>Journal of Hazardous Materials Advances</i> , 2022, 6, 100058.	3.0	5
10	A predictive toolset for the identification of degradation pattern and toxic hazard estimation of multimeric hazardous compounds persists in water bodies. <i>Science of the Total Environment</i> , 2022, 824, 153979.	8.0	10
11	Robust strategies to eliminate endocrine disruptive estrogens in water resources. <i>Environmental Pollution</i> , 2022, 306, 119373.	7.5	10
12	Wastewater-based epidemiological surveillance to monitor the prevalence of SARS-CoV-2 in developing countries with onsite sanitation facilities. <i>Environmental Pollution</i> , 2022, 311, 119679.	7.5	42
13	Drugs of abuse and their metabolites in river sediments: Analysis, occurrence in four Spanish river basins and environmental risk assessment. <i>Journal of Hazardous Materials</i> , 2021, 401, 123312.	12.4	16
14	Combining biological processes with UV/H ₂ O ₂ for metoprolol and metoprolol acid removal in hospital wastewater. <i>Chemical Engineering Journal</i> , 2021, 404, 126482.	12.7	32
15	Quantification and elimination of substituted synthetic phenols and volatile organic compounds in the wastewater treatment plant during the production of industrial scale polypropylene. <i>Chemosphere</i> , 2021, 263, 128027.	8.2	25
16	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
17	New insights on the combined removal of antibiotics and ARGs in urban wastewater through the use of two configurations of vertical subsurface flow constructed wetlands. <i>Science of the Total Environment</i> , 2021, 755, 142554.	8.0	64
18	Challenges and strategies of matrix effects using chromatography-mass spectrometry: An overview from research versus regulatory viewpoints. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 134, 116068.	11.4	62

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19	Distribution of antibiotics in water, sediments and biofilm in an urban river (Córdoba, Argentina, LA). <i>Environmental Pollution</i> , 2021, 269, 116133.	7.5	58
20	Antidepressant drugs as emerging contaminants: Occurrence in urban and non-urban waters and analytical methods for their detection. <i>Science of the Total Environment</i> , 2021, 757, 143722.	8.0	78
21	Emerging paradigms of viral diseases and paramount role of natural resources as antiviral agents. <i>Science of the Total Environment</i> , 2021, 759, 143539.	8.0	23
22	Combining an effect-based methodology with chemical analysis for antibiotics determination in wastewater and receiving freshwater and marine environment. <i>Environmental Pollution</i> , 2021, 271, 116313.	7.5	29
23	Investigative monitoring of pesticide and nitrogen pollution sources in a complex multi-stressed catchment: The lower Llobregat River basin case study (Barcelona, Spain). <i>Science of the Total Environment</i> , 2021, 755, 142377.	8.0	37
24	Phyco-remediation of swine wastewater as a sustainable model based on circular economy. <i>Journal of Environmental Management</i> , 2021, 278, 111534.	7.8	53
25	Contaminants of emerging concern in the Basque coast (N Spain): Occurrence and risk assessment for a better monitoring and management decisions. <i>Science of the Total Environment</i> , 2021, 765, 142765.	8.0	27
26	Increased plastic pollution due to COVID-19 pandemic: Challenges and recommendations. <i>Chemical Engineering Journal</i> , 2021, 405, 126683.	12.7	552
27	Development and validation of a methodology for quantifying parts-per-billion levels of arsine and phosphine in nitrogen, hydrogen and liquefied petroleum gas using a variable pressure sampler coupled to gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1637, 461833.	3.7	16
28	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
29	Floating macrolitter leaked from Europe into the ocean. <i>Nature Sustainability</i> , 2021, 4, 474-483.	23.7	137
30	Prospects on coupling UV/H ₂ O ₂ with activated sludge or a fungal treatment for the removal of pharmaceutically active compounds in real hospital wastewater. <i>Science of the Total Environment</i> , 2021, 773, 145374.	8.0	29
31	Ecology of oxidative stress in the Danube barbel (<i>Barbus balcanicus</i>) from a winegrowing district: Effects of water parameters, trace and rare earth elements on biochemical biomarkers. <i>Science of the Total Environment</i> , 2021, 772, 145034.	8.0	11
32	Exploring current tendencies in techniques and materials for immobilization of laccases – A review. <i>International Journal of Biological Macromolecules</i> , 2021, 181, 683-696.	7.5	56
33	A reconnaissance study of pharmaceuticals, pesticides, perfluoroalkyl substances and organophosphorus flame retardants in the aquatic environment, wild plants and vegetables of two Saudi Arabia urban areas: Environmental and human health risk assessment. <i>Science of the Total Environment</i> , 2021, 776, 145843.	8.0	42
34	Detection and removal of waterborne enteric viruses from wastewater: A comprehensive review. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105613.	6.7	31
35	Uptake prediction of nine heavy metals by <i>Eichhornia crassipes</i> grown in irrigation canals: A biomonitoring approach. <i>Science of the Total Environment</i> , 2021, 782, 146887.	8.0	18
36	First evidence of microplastics occurrence in mixed surface and treated wastewater from two major Saudi Arabian cities and assessment of their ecological risk. <i>Journal of Hazardous Materials</i> , 2021, 416, 125747.	12.4	29

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37	Ecological risks in a "plastic" world: A threat to biological diversity?. <i>Journal of Hazardous Materials</i> , 2021, 417, 126035.	12.4	68
38	Micro/nanoplastics effects on organisms: A review focusing on "dose". <i>Journal of Hazardous Materials</i> , 2021, 417, 126084.	12.4	96
39	CO2 biocapture by <i>Scenedesmus</i> sp. grown in industrial wastewater. <i>Science of the Total Environment</i> , 2021, 790, 148222.	8.0	11
40	Analysis of microplastics and nanoplastics: How green are the methodologies used?. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2021, 31, 100503.	5.9	15
41	Risks of Covid-19 face masks to wildlife: Present and future research needs. <i>Science of the Total Environment</i> , 2021, 792, 148505.	8.0	73
42	MXene-based designer nanomaterials and their exploitation to mitigate hazardous pollutants from environmental matrices. <i>Chemosphere</i> , 2021, 283, 131293.	8.2	28
43	Occurrence, environmental fate, ecological issues, and redefining of endocrine disruptive estrogens in water resources. <i>Science of the Total Environment</i> , 2021, 800, 149635.	8.0	44
44	Developmental alterations, teratogenic effects, and oxidative disruption induced by ibuprofen, aluminum, and their binary mixture on <i>Danio rerio</i> . <i>Environmental Pollution</i> , 2021, 291, 118078.	7.5	12
45	First comparison of conventional activated sludge versus root-zone treatment for SARS-CoV-2 RNA removal from wastewaters: Statistical and temporal significance. <i>Chemical Engineering Journal</i> , 2021, 425, 130635.	12.7	26
46	Sorption of Pharmaceuticals on Microplastics. , 2021, , 1-36.		1
47	Identification of biomarkers in wastewater-based epidemiology: Main approaches and analytical methods. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 145, 116465.	11.4	12
48	Mass Spectrometry in Wastewater-Based Epidemiology for the Determination of Small and Large Molecules as Biomarkers of Exposure: Toward a Global View of Environment and Human Health under the COVID-19 Outbreak. <i>ACS Omega</i> , 2021, 6, 30865-30872.	3.5	9
49	Chemical Composition, Insecticidal and Mosquito Larvicidal Activities of Allspice (<i>Pimenta dioica</i>) Essential Oil. <i>Molecules</i> , 2021, 26, 6698.	3.8	12
50	Bioconcentration and bioaccumulation of C60 fullerene and C60 epoxide in biofilms and freshwater snails (<i>Radix</i> sp.). <i>Environmental Research</i> , 2020, 180, 108715.	7.5	10
51	Self-reduction bimetallic nanoparticles on ultrathin MXene nanosheets as functional platform for pesticide sensing. <i>Journal of Hazardous Materials</i> , 2020, 384, 121358.	12.4	160
52	Synergistic activation of peroxymonosulfate and persulfate by ferrous ion and molybdenum disulfide for pollutant degradation: Theoretical and experimental studies. <i>Chemosphere</i> , 2020, 240, 124979.	8.2	72
53	How recent innovations in gas chromatography-mass spectrometry have improved pesticide residue determination: An alternative technique to be in your radar. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 122, 115720.	11.4	74
54	Pharmaceuticals, pesticides, personal care products and microplastics contamination assessment of Al-Hassa irrigation network (Saudi Arabia) and its shallow lakes. <i>Science of the Total Environment</i> , 2020, 701, 135021.	8.0	131

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55	Presence of pharmaceutical compounds, levels of biochemical biomarkers in seafood tissues and risk assessment for human health: Results from a case study in North-Western Spain. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 223, 10-21.	4.3	41
56	Response of soil enzyme activities and bacterial communities to the accumulation of microplastics in an acid cropped soil. <i>Science of the Total Environment</i> , 2020, 707, 135634.	8.0	396
57	Microplastics in agricultural soils on the coastal plain of Hangzhou Bay, east China: Multiple sources other than plastic mulching film. <i>Journal of Hazardous Materials</i> , 2020, 388, 121814.	12.4	378
58	Fate of priority pharmaceuticals and their main metabolites and transformation products in microalgae-based wastewater treatment systems. <i>Journal of Hazardous Materials</i> , 2020, 390, 121771.	12.4	72
59	Nanostructured materials for harnessing the power of horseradish peroxidase for tailored environmental applications. <i>Science of the Total Environment</i> , 2020, 749, 142360.	8.0	31
60	Wastewater-Based Epidemiology to monitor COVID-19 outbreak: Present and future diagnostic methods to be in your radar. <i>Case Studies in Chemical and Environmental Engineering</i> , 2020, 2, 100042.	6.1	49
61	Thermochemical liquefaction of agricultural and forestry wastes into biofuels and chemicals from circular economy perspectives. <i>Science of the Total Environment</i> , 2020, 749, 141972.	8.0	63
62	Combined effects of moderate hypoxia, pesticides and PCBs upon crucian carp fish, <i>Carassius carassius</i> , from a freshwater lake- in situ ecophysiological approach. <i>Aquatic Toxicology</i> , 2020, 228, 105644.	4.0	59
63	Toxicity tests in wastewater and drinking water treatment processes: A complementary assessment tool to be on your radar. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104262.	6.7	45
64	Sustainable microalgae-based technology for biotransformation of benzalkonium chloride in oil and gas produced water: A laboratory-scale study. <i>Science of the Total Environment</i> , 2020, 748, 141526.	8.0	10
65	Occurrence of regulated pollutants in populated Mediterranean basins: Ecotoxicological risk and effects on biological quality. <i>Science of the Total Environment</i> , 2020, 747, 141224.	8.0	8
66	Update, Conclusions, and Recommendations for "Assessment of Surface and Groundwater Resources in Algeria". <i>Handbook of Environmental Chemistry</i> , 2020, , 321-336.	0.4	0
67	Introduction to "Water Resources in Algeria: Water Quality, Treatment, Protection and Development". <i>Handbook of Environmental Chemistry</i> , 2020, , 1-10.	0.4	3
68	Sources of Pharmaceuticals in Water. <i>Handbook of Environmental Chemistry</i> , 2020, , 33.	0.4	9
69	Ecotoxicological Effects of Ibuprofen on Plant Growth of <i>Vigna unguiculata</i> L.. <i>Plants</i> , 2020, 9, 1473.	3.5	21
70	Conclusions and Future Perspectives. <i>Handbook of Environmental Chemistry</i> , 2020, , 525-530.	0.4	0
71	An environmental and health perspective for COVID-19 outbreak: Meteorology and air quality influence, sewage epidemiology indicator, hospitals disinfection, drug therapies and recommendations. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104006.	6.7	171
72	Early SARS-CoV-2 outbreak detection by sewage-based epidemiology. <i>Science of the Total Environment</i> , 2020, 732, 139298.	8.0	130

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73	Introduction of emerging halogenated flame retardants in the environment. <i>Comprehensive Analytical Chemistry</i> , 2020, 88, 1-39.	1.3	22
74	Dataset of pesticides, pharmaceuticals and personal care products occurrence in wetlands of Saudi Arabia. <i>Data in Brief</i> , 2020, 31, 105776.	1.0	13
75	Persistence, ecological risks, and oxidoreductases-assisted biocatalytic removal of triclosan from the aquatic environment. <i>Science of the Total Environment</i> , 2020, 735, 139194.	8.0	34
76	Do we really need to invoke heroic measures for early SARS-CoV-2 outbreak detection?. <i>European Journal of Epidemiology</i> , 2020, 35, 613-614.	5.7	3
77	Insights on the metabolization of the antidepressant venlafaxine by meagre (<i>Argyrosomus regius</i>) using a combined target and suspect screening approach. <i>Science of the Total Environment</i> , 2020, 737, 140226.	8.0	13
78	Municipal Solid Waste Landfills: An Underestimated Source of Pharmaceutical and Personal Care Products in the Water Environment. <i>Environmental Science & Technology</i> , 2020, 54, 9757-9768.	10.0	157
79	Rethinking and optimising plastic waste management under COVID-19 pandemic: Policy solutions based on redesign and reduction of single-use plastics and personal protective equipment. <i>Science of the Total Environment</i> , 2020, 742, 140565.	8.0	331
80	Pyrolysis gas chromatography-mass spectrometry in environmental analysis: Focus on organic matter and microplastics. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 130, 115964.	11.4	118
81	Effect-Based Identification of Hazardous Antibiotic Transformation Products after Water Chlorination. <i>Environmental Science & Technology</i> , 2020, 54, 9062-9073.	10.0	20
82	Biomonitoring potential of the native aquatic plant <i>Typha domingensis</i> by predicting trace metals accumulation in the Egyptian Lake Burullus. <i>Science of the Total Environment</i> , 2020, 714, 136603.	8.0	22
83	Legacy and Emerging Brominated Flame Retardants in Bizerte Lagoon Murex (<i>Hexaplex Trunculus</i>): Levels and Human Health Risk Assessment. <i>Archives of Environmental Contamination and Toxicology</i> , 2020, 78, 337-349.	4.1	9
84	Riverine anthropogenic litter load to the Mediterranean Sea near the metropolitan area of Barcelona, Spain. <i>Science of the Total Environment</i> , 2020, 714, 136807.	8.0	69
85	Bioremediation potential of <i>Sargassum</i> sp. biomass to tackle pollution in coastal ecosystems: Circular economy approach. <i>Science of the Total Environment</i> , 2020, 715, 136978.	8.0	62
86	Antibiotic residues in final effluents of European wastewater treatment plants and their impact on the aquatic environment. <i>Environment International</i> , 2020, 140, 105733.	10.0	338
87	Ultra-trace determination of domoic acid in the Ebro Delta estuary by SPE-HILIC-HRMS. <i>Analytical Methods</i> , 2020, 12, 1966-1974.	2.7	4
88	Seasonal relevance of agricultural diffuse pollutant with microplastic in the bay. <i>Journal of Hazardous Materials</i> , 2020, 396, 122602.	12.4	44
89	A new digestion approach for the extraction of microplastics from gastrointestinal tracts (GITs) of the common dolphinfish (<i>Coryphaena hippurus</i>) from the western Mediterranean Sea. <i>Journal of Hazardous Materials</i> , 2020, 397, 122794.	12.4	75
90	Microplastics analysis. <i>MethodsX</i> , 2020, 7, 100884.	1.6	7

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91	Soil and water threats in a changing environment. <i>Environmental Research</i> , 2020, 186, 109501.	7.5	48
92	Hydrocarbon-induced hormesis: 101 years of evidence at the margin?. <i>Environmental Pollution</i> , 2020, 265, 114846.	7.5	25
93	Levels of regulated POPs in fish samples from the Sava River Basin. Comparison to legislated quality standard values. <i>Science of the Total Environment</i> , 2019, 647, 20-28.	8.0	24
94	Multiple stressor effects on biodiversity and ecosystem functioning in a Mediterranean temporary river. <i>Science of the Total Environment</i> , 2019, 647, 1179-1187.	8.0	52
95	Anthropogenic contaminants of high concern: Existence in water resources and their adverse effects. <i>Science of the Total Environment</i> , 2019, 690, 1068-1088.	8.0	176
96	Metoprolol and metoprolol acid degradation in UV/H ₂ O ₂ treated wastewaters: An integrated screening approach for the identification of hazardous transformation products. <i>Journal of Hazardous Materials</i> , 2019, 380, 120851.	12.4	32
97	Trace analysis of polystyrene microplastics in natural waters. <i>Chemosphere</i> , 2019, 236, 124321.	8.2	91
98	Biocatalytic degradation/redefining "removal" fate of pharmaceutically active compounds and antibiotics in the aquatic environment. <i>Science of the Total Environment</i> , 2019, 691, 1190-1211.	8.0	150
99	Mitigation of bisphenol A using an array of laccase-based robust bio-catalytic cues " A review. <i>Science of the Total Environment</i> , 2019, 689, 160-177.	8.0	103
100	Removal and biotransformation of 4-nonylphenol by <i>Arthrospira maxima</i> and <i>Chlorella vulgaris</i> consortium. <i>Environmental Research</i> , 2019, 179, 108848.	7.5	25
101	Nanosized titanium dioxide UV filter increases mixture toxicity when combined with parabens. <i>Ecotoxicology and Environmental Safety</i> , 2019, 184, 109565.	6.0	22
102	Quantification of ecological complexity and resilience from multivariate biological metrics datasets using singular value decomposition entropy. <i>MethodsX</i> , 2019, 6, 1668-1676.	1.6	3
103	Persistence of pesticides-based contaminants in the environment and their effective degradation using laccase-assisted biocatalytic systems. <i>Science of the Total Environment</i> , 2019, 695, 133896.	8.0	175
104	Microplastics in the global aquatic environment: Analysis, effects, remediation and policy solutions. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103421.	6.7	52
105	Direct analysis in real-time high-resolution mass spectrometry as a valuable tool for polyphenols profiling in olive oil. <i>Analytical Methods</i> , 2019, 11, 472-482.	2.7	24
106	Effect of the conversion of mangroves into shrimp farms on carbon stock in the sediment along the southern Red Sea coast, Saudi Arabia. <i>Environmental Research</i> , 2019, 176, 108536.	7.5	33
107	Long-term continuous treatment of non-sterile real hospital wastewater by <i>Trametes versicolor</i> . <i>Journal of Biological Engineering</i> , 2019, 13, 47.	4.7	19
108	Environmental risks associated with contaminants of legacy and emerging concern at European aquaculture areas. <i>Environmental Pollution</i> , 2019, 252, 1301-1310.	7.5	27

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109	Spatial and temporal occurrence of pharmaceuticals in UK estuaries. <i>Science of the Total Environment</i> , 2019, 678, 74-84.	8.0	68
110	Combination of nejayote and swine wastewater as a medium for <i>Arthrospira maxima</i> and <i>Chlorella vulgaris</i> production and wastewater treatment. <i>Science of the Total Environment</i> , 2019, 676, 356-367.	8.0	43
111	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
112	Polluted water from an urban reservoir (Madrãn dam, MÃ©xico) induces toxicity and oxidative stress in <i>Cyprinus carpio</i> embryos. <i>Environmental Pollution</i> , 2019, 251, 510-521.	7.5	24
113	Exposure to a Subinhibitory Sulfonamide Concentration Promotes the Spread of Antibiotic Resistance in Marine Blue Mussels (<i>Mytilus edulis</i>). <i>Environmental Science and Technology Letters</i> , 2019, 6, 211-215.	8.7	7
114	The value of wastewater-based epidemiology in the estimation of alcohol consumption. <i>Current Opinion in Environmental Science and Health</i> , 2019, 9, 19-25.	4.1	13
115	Comprehensive study of sulfamethoxazole effects in marine mussels: Bioconcentration, enzymatic activities and metabolomics. <i>Environmental Research</i> , 2019, 173, 12-22.	7.5	39
116	Halogenated and organophosphorus flame retardants in cetaceans from the southwestern Indian Ocean. <i>Chemosphere</i> , 2019, 226, 791-799.	8.2	51
117	Analysis and Prevention of Microplastics Pollution in Water: Current Perspectives and Future Directions. <i>ACS Omega</i> , 2019, 4, 6709-6719.	3.5	208
118	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
119	Psychoactive pharmaceuticals and illicit drugs in coastal waters of North-Western Spain: Environmental exposure and risk assessment. <i>Chemosphere</i> , 2019, 224, 379-389.	8.2	63
120	Algal-based removal strategies for hazardous contaminants from the environment â€” A review. <i>Science of the Total Environment</i> , 2019, 665, 358-366.	8.0	92
121	A reliable LC-MS/MS-based method for trace level determination of 50 medium to highly polar pesticide residues in sediments and ecological risk assessment. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7981-7996.	3.7	27
122	Nano- and microplastic analysis: Focus on their occurrence in freshwater ecosystems and remediation technologies. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 113, 409-425.	11.4	165
123	Analysis of 52 pesticides in fresh fish muscle by QuEChERS extraction followed by LC-MS/MS determination. <i>Science of the Total Environment</i> , 2019, 653, 958-967.	8.0	92
124	Occurrence of halogenated flame retardants in sediments and sea urchins (<i>Paracentrotus lividus</i>) from a North African Mediterranean coastal lagoon (Bizerte, Tunisia). <i>Science of the Total Environment</i> , 2019, 654, 1316-1325.	8.0	19
125	Personal care products reconnaissance in EVROTAS river (Greece): Water-sediment partition and bioaccumulation in fish. <i>Science of the Total Environment</i> , 2019, 651, 3079-3089.	8.0	60
126	Fungal treatment of metoprolol and its recalcitrant metabolite metoprolol acid in hospital wastewater: Biotransformation, sorption and ecotoxicological impact. <i>Water Research</i> , 2019, 152, 171-180.	11.3	52

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127	Medium to highly polar pesticides in seawater: Analysis and fate in coastal areas of Catalonia (NE Tj ETQq1 1 0.784314 rgBT /Overlock	8.2	49
128	Uptake and accumulation of emerging contaminants in soil and plant treated with wastewater under real-world environmental conditions in the Al Hayer area (Saudi Arabia). <i>Science of the Total Environment</i> , 2019, 652, 562-572.	8.0	88
129	Pharmaceuticals as chemical markers of wastewater contamination in the vulnerable area of the Ebro Delta (Spain). <i>Science of the Total Environment</i> , 2019, 652, 952-963.	8.0	121
130	Assessment of full-scale tertiary wastewater treatment by UV-C based-AOPs: Removal or persistence of antibiotics and antibiotic resistance genes?. <i>Science of the Total Environment</i> , 2019, 652, 1051-1061.	8.0	115
131	Fungal biodegradation of the N-nitrosodimethylamine precursors venlafaxine and O-desmethylvenlafaxine in water. <i>Environmental Pollution</i> , 2019, 246, 346-356.	7.5	18
132	Impact of fullerenes in the bioaccumulation and biotransformation of venlafaxine, diuron and triclosan in river biofilms. <i>Environmental Research</i> , 2019, 169, 377-386.	7.5	34
133	Preliminary study of long-range transport of halogenated flame retardants using Antarctic marine mammals. <i>Science of the Total Environment</i> , 2019, 650, 1889-1897.	8.0	24
134	Strengthen the European collaborative environmental research to meet European policy goals for achieving a sustainable, non-toxic environment. <i>Environmental Sciences Europe</i> , 2019, 31, .	5.5	7
135	On-line solid phase extraction-liquid chromatography-tandem mass spectrometry for insect repellent residue analysis in surface waters using atmospheric pressure photoionization. <i>Journal of Chromatography A</i> , 2018, 1544, 33-40.	3.7	16
136	Transport of sediment borne contaminants in a Mediterranean river during a high flow event. <i>Science of the Total Environment</i> , 2018, 633, 1392-1402.	8.0	29
137	Differential behavioural responses to venlafaxine exposure route, warming and acidification in juvenile fish (<i>Argyrosomus regius</i>). <i>Science of the Total Environment</i> , 2018, 634, 1136-1147.	8.0	57
138	Presence of pharmaceuticals in fish collected from urban rivers in the U.S. EPA 2008-2009 National Rivers and Streams Assessment. <i>Science of the Total Environment</i> , 2018, 634, 542-549.	8.0	82
139	Adsorption of perfluoroalkyl substances on microplastics under environmental conditions. <i>Environmental Pollution</i> , 2018, 235, 680-691.	7.5	220
140	Abundance of antibiotic resistance genes and bacterial community composition in wild freshwater fish species. <i>Chemosphere</i> , 2018, 196, 115-119.	8.2	59
141	Analysis of ibuprofen and its main metabolites in roots, shoots, and seeds of cowpea (<i>Vigna</i>) uptake, metabolism, and translocation. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1163-1176.	3.7	19
142	Perfluoroalkyl phosphonic acids adsorption behaviour and removal by wastewater organisms. <i>Science of the Total Environment</i> , 2018, 636, 273-281.	8.0	5
143	Ecological and human exposure assessment to PBDEs in Adige River. <i>Environmental Research</i> , 2018, 164, 229-240.	7.5	11
144	Residue of insecticides in foodstuff and dietary exposure assessment of Brazilian citizens. <i>Food and Chemical Toxicology</i> , 2018, 115, 329-335.	3.6	31

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145	Effects of water warming and acidification on bioconcentration, metabolization and depuration of pharmaceuticals and endocrine disrupting compounds in marine mussels (<i>Mytilus galloprovincialis</i>). <i>Environmental Pollution</i> , 2018, 236, 824-834.	7.5	72
146	Fluvial biofilms exposed to desiccation and pharmaceutical pollution: New insights using metabolomics. <i>Science of the Total Environment</i> , 2018, 618, 1382-1388.	8.0	22
147	How do measured PBDE and HCB levels in river fish compare to the European Environmental Quality Standards?. <i>Environmental Research</i> , 2018, 160, 203-211.	7.5	37
148	Simultaneous LC-MS/MS determination of 40 legal and illegal psychoactive drugs in breast and bovine milk. <i>Food Chemistry</i> , 2018, 245, 159-167.	8.2	34
149	Does the presence of caffeine in the marine environment represent an environmental risk? A regional and global study. <i>Science of the Total Environment</i> , 2018, 615, 632-642.	8.0	69
150	Aerobic activated sludge transformation of vincristine and identification of the transformation products. <i>Science of the Total Environment</i> , 2018, 610-611, 892-904.	8.0	24
151	<i>Stropharia rugosoannulata</i> and <i>Gymnopilus luteofolius</i> : Promising fungal species for pharmaceutical biodegradation in contaminated water. <i>Journal of Environmental Management</i> , 2018, 207, 396-404.	7.8	48
152	Ecotoxicological effects of carbon based nanomaterials in aquatic organisms. <i>Science of the Total Environment</i> , 2018, 619-620, 328-337.	8.0	154
153	Occurrence of organic UV filters and metabolites in lebranche mullet (<i>Mugil liza</i>) from Brazil. <i>Science of the Total Environment</i> , 2018, 618, 451-459.	8.0	77
154	Target vs non-target analysis to determine pesticide residues in fruits from Saudi Arabia and influence in potential risk associated with exposure. <i>Food and Chemical Toxicology</i> , 2018, 111, 53-63.	3.6	53
155	Occurrence of C60 and related fullerenes in the Sava River under different hydrologic conditions. <i>Science of the Total Environment</i> , 2018, 643, 1108-1116.	8.0	31
156	A fully automated approach for the analysis of 37 psychoactive substances in raw wastewater based on on-line solid phase extraction-liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1576, 80-89.	3.7	43
157	Occurrence of pharmaceuticals and personal care products in the urban aquifer of Zaragoza (Spain) and its relationship with intensive shallow geothermal energy exploitation. <i>Journal of Hydrology</i> , 2018, 566, 629-642.	5.4	31
158	Pharmaceuticals and endocrine disruptors in raw and cooked seafood from European market: Concentrations and human exposure levels. <i>Environment International</i> , 2018, 119, 570-581.	10.0	41
159	Antidepressants in a changing ocean: Venlafaxine uptake and elimination in juvenile fish (<i>Argyrosomus</i>)	10.784314	22
160	Transformation products of amoxicillin and ampicillin after photolysis in aqueous matrices: Identification and kinetics. <i>Science of the Total Environment</i> , 2018, 642, 954-967.	8.0	43
161	Effects of human-driven water stress on river ecosystems: a meta-analysis. <i>Scientific Reports</i> , 2018, 8, 11462.	3.3	104
162	Fullerenes Influence the Toxicity of Organic Micro-Contaminants to River Biofilms. <i>Frontiers in Microbiology</i> , 2018, 9, 1426.	3.5	16

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163	Distribution of soil organic carbon in Wadi Al-Thulaima, Saudi Arabia: A hyper-arid habitat altered by wastewater reuse. <i>Catena</i> , 2018, 170, 266-271.	5.0	6
164	Integrating population connectivity into pollution assessment: Overwintering mixing reveals flame retardant contamination in breeding areas in a migratory raptor. <i>Environmental Research</i> , 2018, 166, 553-561.	7.5	14
165	Chemical characterization and relative toxicity assessment of disinfection byproduct mixtures in a large drinking water supply network. <i>Journal of Hazardous Materials</i> , 2018, 359, 166-173.	12.4	55
166	Shifts of environmental and phytoplankton variables in a regulated river: A spatial-driven analysis. <i>Science of the Total Environment</i> , 2018, 642, 968-978.	8.0	20
167	Influencing factors on the removal of pharmaceuticals from water with micro-grain activated carbon. <i>Water Research</i> , 2018, 144, 402-412.	11.3	59
168	Assessment and control of emerging micropollutants in water: Asian experiences. <i>Science of the Total Environment</i> , 2018, 644, 994.	8.0	0
169	Determination of metals and pharmaceutical compounds released in hospital wastewater from Toluca, Mexico, and evaluation of their toxic impact. <i>Environmental Pollution</i> , 2018, 240, 330-341.	7.5	66
170	Analysis of multiclass antibiotic residues in urban wastewater in Tunisia. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2018, 10, 163-170.	2.9	48
171	An automated on-line turbulent flow liquid-chromatography technology coupled to a high resolution mass spectrometer LTQ-Orbitrap for suspect screening of antibiotic transformation products during microalgae wastewater treatment. <i>Journal of Chromatography A</i> , 2018, 1568, 57-68.	3.7	27
172	Occurrence of halogenated and organophosphate flame retardants in sediment and fish samples from three European river basins. <i>Science of the Total Environment</i> , 2017, 586, 782-791.	8.0	180
173	Insecticide pyrethroids in liver of striped dolphin from the Mediterranean Sea. <i>Environmental Pollution</i> , 2017, 225, 346-353.	7.5	20
174	Contamination sources and distribution patterns of pharmaceuticals and personal care products in Alpine rivers strongly affected by tourism. <i>Science of the Total Environment</i> , 2017, 590-591, 484-494.	8.0	115
175	Performance of a microalgal photobioreactor treating toilet wastewater: Pharmaceutically active compound removal and biomass harvesting. <i>Science of the Total Environment</i> , 2017, 592, 1-11.	8.0	143
176	Preliminary assessment on the bioaccessibility of contaminants of emerging concern in raw and cooked seafood. <i>Food and Chemical Toxicology</i> , 2017, 104, 69-78.	3.6	53
177	Effect of pyrethroid treatment against sea lice in salmon farming regarding consumers' health. <i>Food and Chemical Toxicology</i> , 2017, 105, 347-354.	3.6	16
178	Formation of iodo-trihalomethanes, iodo-haloacetic acids, and haloacetaldehydes during chlorination and chloramination of iodine containing waters in laboratory controlled reactions. <i>Journal of Environmental Sciences</i> , 2017, 58, 127-134.	6.1	44
179	Environmental stressors as a driver of the trait composition of benthic macroinvertebrate assemblages in polluted Iberian rivers. <i>Environmental Research</i> , 2017, 156, 485-493.	7.5	61
180	Multi-residue method for the determination of antibiotics and some of their metabolites in seafood. <i>Food and Chemical Toxicology</i> , 2017, 104, 3-13.	3.6	52

#	ARTICLE	IF	CITATIONS
181	Fungal treatment for the removal of endocrine disrupting compounds from reverse osmosis concentrate: Identification and monitoring of transformation products of benzotriazoles. <i>Chemosphere</i> , 2017, 184, 1054-1070.	8.2	20
182	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
183	Analysis of emerging contaminants and nanomaterials in plant materials following uptake from soils. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 94, 173-189.	11.4	34
184	Seasonal variations in the occurrence of perfluoroalkyl substances in water, sediment and fish samples from Ebro Delta (Catalonia, Spain). <i>Science of the Total Environment</i> , 2017, 607-608, 933-943.	8.0	73
185	Five-year monitoring of 19 illicit and legal substances of abuse at the inlet of a wastewater treatment plant in Barcelona (NE Spain) and estimation of drug consumption patterns and trends. <i>Science of the Total Environment</i> , 2017, 609, 916-926.	8.0	84
186	Elimination study of the chemotherapy drug tamoxifen by different advanced oxidation processes: Transformation products and toxicity assessment. <i>Chemosphere</i> , 2017, 168, 284-292.	8.2	46
187	Study of the effect of the bacterial and fungal communities present in real wastewater effluents on the performance of fungal treatments. <i>Science of the Total Environment</i> , 2017, 579, 366-377.	8.0	56
188	Fate of NDMA precursors through an MBR-NF pilot plant for urban wastewater reclamation and the effect of changing aeration conditions. <i>Water Research</i> , 2016, 102, 383-393.	11.3	26
189	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
190	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. <i>Environmental Research</i> , 2016, 147, 503-512.	7.5	92
191	Bioavailability of classical and novel flame retardants: Effect of fullerene presence. <i>Science of the Total Environment</i> , 2016, 565, 299-305.	8.0	5
192	Identification of markers of cancer in urban sewage through the use of a suspect screening approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 129, 571-580.	2.8	16
193	Human exposure to endocrine disrupting compounds: Their role in reproductive systems, metabolic syndrome and breast cancer. A review. <i>Environmental Research</i> , 2016, 151, 251-264.	7.5	438
194	Effects of subinhibitory ciprofloxacin concentrations on the abundance of qnrS and composition of bacterial communities from water supply reservoirs. <i>Chemosphere</i> , 2016, 161, 470-474.	8.2	12
195	Chemical and toxicological characterisation of anticancer drugs in hospital and municipal wastewaters from Slovenia and Spain. <i>Environmental Pollution</i> , 2016, 219, 275-287.	7.5	125
196	Analysis of organophosphorus flame retardants in environmental and biotic matrices using on-line turbulent flow chromatography-liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1474, 71-78.	3.7	56
197	Determination of 15 N-nitrosodimethylamine precursors in different water matrices by automated on-line solid-phase extraction ultra-high-performance-liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1458, 99-111.	3.7	28
198	Occurrence, fate and risk assessment of personal care products in river-groundwater interface. <i>Science of the Total Environment</i> , 2016, 568, 829-837.	8.0	59

#	ARTICLE	IF	CITATIONS
199	Comparative measurement and quantitative risk assessment of alcohol consumption through wastewater-based epidemiology: An international study in 20 cities. <i>Science of the Total Environment</i> , 2016, 565, 977-983.	8.0	85
200	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
201	Multiresidue trace analysis of pharmaceuticals, their human metabolites and transformation products by fully automated on-line solid-phase extraction-liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2016, 158, 330-341.	5.5	43
202	Single and joint ecotoxicity data estimation of organic UV filters and nanomaterials toward selected aquatic organisms. <i>Urban groundwater risk assessment. Environmental Research</i> , 2016, 145, 126-134.	7.5	75
203	Reactivity of vinca alkaloids during water chlorination processes: Identification of their disinfection by-products by high-resolution quadrupole-Orbitrap mass spectrometry. <i>Science of the Total Environment</i> , 2016, 544, 635-644.	8.0	23
204	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
205	Ecological risk assessment associated to the removal of endocrine-disrupting parabens and benzophenone-4 in wastewater treatment. <i>Journal of Hazardous Materials</i> , 2016, 310, 143-151.	12.4	84
206	Pesticides in the Ebro River basin: Occurrence and risk assessment. <i>Environmental Pollution</i> , 2016, 211, 414-424.	7.5	279
207	Continuous fungal treatment of non-sterile veterinary hospital effluent: pharmaceuticals removal and microbial community assessment. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 2401-2415.	3.6	46
208	Perfluoroalkyl substances in the Ebro and Guadalquivir river basins (Spain). <i>Science of the Total Environment</i> , 2016, 540, 191-199.	8.0	59
209	Suspect screening of emerging pollutants and their major transformation products in wastewaters treated with fungi by liquid chromatography coupled to a high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1439, 124-136.	3.7	32
210	Ecotoxicological risk assessment of chemical pollution in four Iberian river basins and its relationship with the aquatic macroinvertebrate community status. <i>Science of the Total Environment</i> , 2016, 540, 324-333.	8.0	71
211	Licit and Illicit Drugs in Urban Wastewater in Cyprus. <i>Clean - Soil, Air, Water</i> , 2015, 43, 1272-1278.	1.1	14
212	Quantitative profiling of perfluoroalkyl substances by ultrahigh-performance liquid chromatography and hybrid quadrupole time-of-flight mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 4247-4259.	3.7	17
213	Degradation kinetics and pathways of three calcium channel blockers under UV irradiation. <i>Water Research</i> , 2015, 86, 9-16.	11.3	33
214	Comprehensive monitoring of the occurrence of 22 drugs of abuse and transformation products in airborne particulate matter in the city of Barcelona. <i>Science of the Total Environment</i> , 2015, 532, 344-352.	8.0	19
215	Non conventional biological treatment based on <i>Trametes versicolor</i> for the elimination of recalcitrant anticancer drugs in hospital wastewater. <i>Chemosphere</i> , 2015, 136, 9-19.	8.2	72
216	Identification of new transformation products during enzymatic treatment of tetracycline and erythromycin antibiotics at laboratory scale by an on-line turbulent flow liquid-chromatography coupled to a high resolution mass spectrometer LTQ-Orbitrap. <i>Chemosphere</i> , 2015, 119, 90-98.	8.2	78

#	ARTICLE	IF	CITATIONS
217	Microalgae cultivation on wastewater digestate: 17 β -estradiol and 17 α -ethynylestradiol degradation and transformation products identification. <i>Journal of Environmental Management</i> , 2015, 155, 106-113.	7.8	130
218	UV filters bioaccumulation in fish from Iberian river basins. <i>Science of the Total Environment</i> , 2015, 518-519, 518-525.	8.0	148
219	Assessment of toxicity and genotoxicity of low doses of 5-fluorouracil in zebrafish (<i>Danio rerio</i>) two-generation study. <i>Water Research</i> , 2015, 77, 201-212.	11.3	81
220	Degradation of the anticancer drug erlotinib during water chlorination: Non-targeted approach for the identification of transformation products. <i>Water Research</i> , 2015, 85, 103-113.	11.3	39
221	Transformation of tamoxifen and its major metabolites during water chlorination: Identification and in silico toxicity assessment of their disinfection byproducts. <i>Water Research</i> , 2015, 85, 199-207.	11.3	53
222	Occurrence of antibiotics and antibiotic resistance genes in hospital and urban wastewaters and their impact on the receiving river. <i>Water Research</i> , 2015, 69, 234-242.	11.3	1,187
223	First report of pyrethroid bioaccumulation in wild river fish: A case study in Iberian river basins (Spain). <i>Environment International</i> , 2015, 75, 110-116.	10.0	134
224	Aerobic activated sludge transformation of methotrexate: Identification of biotransformation products. <i>Chemosphere</i> , 2015, 119, S42-S50.	8.2	24
225	Determination of sulfonamide antibiotics and metabolites in liver, muscle and kidney samples by pressurized liquid extraction or ultrasound-assisted extraction followed by liquid chromatography-quadrupole linear ion trap-tandem mass spectrometry (HPLC-QqLIT-MS/MS). <i>Talanta</i> , 2015, 134, 768-778.	5.5	62
226	Pesticide monitoring in the basin of Llobregat River (Catalonia, Spain) and comparison with historical data. <i>Science of the Total Environment</i> , 2015, 503-504, 58-68.	8.0	149
227	Degradation of the cytostatic etoposide in chlorinated water by liquid chromatography coupled to quadrupole-Orbitrap mass spectrometry: Identification and quantification of by-products in real water samples. <i>Science of the Total Environment</i> , 2015, 506-507, 36-45.	8.0	33
228	Effects of flow intermittency and pharmaceutical exposure on the structure and metabolism of stream biofilms. <i>Science of the Total Environment</i> , 2015, 503-504, 159-170.	8.0	76
229	Perfluoroalkyl substance contamination of the Llobregat River ecosystem (Mediterranean area, NE) Tj ETQq1 1 0.784314 rgBT /Overl	8.0	81
230	The SOLUTIONS project: Challenges and responses for present and future emerging pollutants in land and water resources management. <i>Science of the Total Environment</i> , 2015, 503-504, 22-31.	8.0	163
231	Identification of some factors affecting pharmaceutical active compounds (PhACs) removal in real wastewater. Case study of fungal treatment of reverse osmosis concentrate. <i>Journal of Hazardous Materials</i> , 2015, 283, 663-671.	12.4	85
232	Analytical quality assurance in veterinary drug residue analysis methods: Matrix effects determination and monitoring for sulfonamides analysis. <i>Talanta</i> , 2015, 132, 443-450.	5.5	69
233	Synthetic organic compounds and their transformation products in groundwater: Occurrence, fate and mitigation. <i>Science of the Total Environment</i> , 2015, 503-504, 32-47.	8.0	176
234	Pharmaceuticals and pesticides in reclaimed water: Efficiency assessment of a microfiltration-reverse osmosis (MF-RO) pilot plant. <i>Journal of Hazardous Materials</i> , 2015, 282, 165-173.	12.4	110

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235	Removal of polar UV stabilizers in biological wastewater treatments and ecotoxicological implications. <i>Chemosphere</i> , 2015, 119, S51-S57.	8.2	41
236	Managing the effects of multiple stressors on aquatic ecosystems under water scarcity. The GLOBAQUA project. <i>Science of the Total Environment</i> , 2015, 503-504, 3-9.	8.0	161
237	Risk assessment based prioritization of 200 organic micropollutants in 4 Iberian rivers. <i>Science of the Total Environment</i> , 2015, 503-504, 289-299.	8.0	131
238	Enantiomeric-selective determination of pyrethroids: application to human samples. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 779-786.	3.7	30
239	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
240	Effects of BDE-209 contaminated sediments on zebrafish development and potential implications to human health. <i>Environment International</i> , 2014, 63, 216-223.	10.0	47
241	Anthropogenic (PBDE) and naturally-produced (MeO-PBDE) brominated compounds in cetaceans – A review. <i>Science of the Total Environment</i> , 2014, 481, 619-634.	8.0	76
242	Urban groundwater contamination by residues of UV filters. <i>Journal of Hazardous Materials</i> , 2014, 271, 141-149.	12.4	109
243	Occurrence of carbamazepine and five metabolites in an urban aquifer. <i>Chemosphere</i> , 2014, 115, 47-53.	8.2	44
244	Structural Elucidation of Sulfaquinoxaline Metabolism Products and Their Occurrence in Biological Samples Using High-Resolution Orbitrap Mass Spectrometry. <i>Analytical Chemistry</i> , 2014, 86, 5579-5586.	6.5	25
245	Determination of 81 pharmaceutical drugs by high performance liquid chromatography coupled to mass spectrometry with hybrid triple quadrupole-linear ion trap in different types of water in Serbia. <i>Science of the Total Environment</i> , 2014, 468-469, 415-428.	8.0	221
246	Assessment of multi-chemical pollution in aquatic ecosystems using toxic units: Compound prioritization, mixture characterization and relationships with biological descriptors. <i>Science of the Total Environment</i> , 2014, 468-469, 715-723.	8.0	92
247	Four-year advanced monitoring program of polar pesticides in groundwater of Catalonia (NE-Spain). <i>Science of the Total Environment</i> , 2014, 470-471, 1087-1098.	8.0	86
248	Sample preservation for the analysis of antibiotics in water. <i>Journal of Chromatography A</i> , 2014, 1369, 43-51.	3.7	39
249	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
250	Analysis of ethyl sulfate in raw wastewater for estimation of alcohol consumption and its correlation with drugs of abuse in the city of Barcelona. <i>Journal of Chromatography A</i> , 2014, 1360, 93-99.	3.7	53
251	Dietary Exposure Assessment of Spanish Citizens to Hexabromocyclododecane through the Diet. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 2462-2468.	5.2	26
252	Hospital wastewater treatment by fungal bioreactor: Removal efficiency for pharmaceuticals and endocrine disruptor compounds. <i>Science of the Total Environment</i> , 2014, 493, 365-376.	8.0	192

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253	Levels and fate of perfluoroalkyl substances in beached plastic pellets and sediments collected from Greece. <i>Marine Pollution Bulletin</i> , 2014, 87, 286-291.	5.0	65
254	Cytostatic drugs and metabolites in municipal and hospital wastewaters in Spain: Filtration, occurrence, and environmental risk. <i>Science of the Total Environment</i> , 2014, 497-498, 68-77.	8.0	126
255	The in vitro interference of synthetic progestogens with carp steroidogenic enzymes. <i>Aquatic Toxicology</i> , 2014, 155, 314-321.	4.0	9
256	Degradation of selected agrochemicals by the white rot fungus <i>Trametes versicolor</i> . <i>Science of the Total Environment</i> , 2014, 500-501, 235-242.	8.0	72
257	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
258	Occurrence, distribution and partitioning of nonionic surfactants and pharmaceuticals in the urbanized Long Island Sound Estuary (NY). <i>Marine Pollution Bulletin</i> , 2014, 85, 710-719.	5.0	133
259	Characterization of ciprofloxacin-resistant isolates from a wastewater treatment plant and its receiving river. <i>Water Research</i> , 2014, 61, 67-76.	11.3	85
260	Re-inoculation strategies enhance the degradation of emerging pollutants in fungal bioaugmentation of sewage sludge. <i>Bioresource Technology</i> , 2014, 168, 180-189.	9.6	43
261	The persistent toxic substances in Korea: Environmental fates and human health. <i>Science of the Total Environment</i> , 2014, 470-471, 1337.	8.0	0
262	Analysis of anthelmintics in surface water by ultra high performance liquid chromatography coupled to quadrupole linear ion trap tandem mass spectrometry. <i>Chemosphere</i> , 2014, 99, 224-232.	8.2	66
263	Distribution and fate of perfluoroalkyl substances in Mediterranean Spanish sewage treatment plants. <i>Science of the Total Environment</i> , 2014, 472, 912-922.	8.0	94
264	Occurrence of classic and emerging halogenated flame retardants in sediment and sludge from Ebro and Llobregat river basins (Spain). <i>Journal of Hazardous Materials</i> , 2014, 265, 288-295.	12.4	50
265	Biodegradation of the X-ray contrast agent iopromide and the fluoroquinolone antibiotic ofloxacin by the white rot fungus <i>Trametes versicolor</i> in hospital wastewaters and identification of degradation products. <i>Water Research</i> , 2014, 60, 228-241.	11.3	95
266	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
267	Study of the stability of 26 cytostatic drugs and metabolites in wastewater under different conditions. <i>Science of the Total Environment</i> , 2014, 482-483, 389-398.	8.0	43
268	A survey of emerging contaminants in the estuarine receiving environment around Auckland, New Zealand. <i>Science of the Total Environment</i> , 2014, 468-469, 202-210.	8.0	99
269	Pollution-induced community tolerance to non-steroidal anti-inflammatory drugs (NSAIDs) in fluvial biofilm communities affected by WWTP effluents. <i>Chemosphere</i> , 2014, 112, 185-193.	8.2	80
270	Multi-residue enantiomeric analysis of pharmaceuticals and their active metabolites in the Guadalquivir River basin (South Spain) by chiral liquid chromatography coupled with tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 5859-5873.	3.7	76

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271	Quantitative trace analysis of fullerenes in river sediment from Spain and soils from Saudi Arabia. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 5915-5923.	3.7	73
272	Occurrence and behavior of natural and anthropogenic (emerging and historical) halogenated compounds in marine biota from the Coast of Concepcion (Chile). <i>Science of the Total Environment</i> , 2013, 461-462, 258-264.	8.0	32
273	Rapid analysis of multiclass antibiotic residues and some of their metabolites in hospital, urban wastewater and river water by ultra-high-performance liquid chromatography coupled to quadrupole-linear ion trap tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1292, 173-188.	3.7	322
274	Risk-based management of chemicals and products in a circular economy at a global scale- Impacts of the FP7 funded project RISKCYCLE. <i>Environmental Sciences Europe</i> , 2013, 25, .	5.5	9
275	Occurrence and behavior of pesticides in wastewater treatment plants and their environmental impact. <i>Science of the Total Environment</i> , 2013, 458-460, 466-476.	8.0	282
276	Development of a multiresidue method for analysis of pesticides in sediments based on isotope dilution and liquid chromatography-electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1305, 176-187.	3.7	39
277	Accumulation of perfluoroalkyl substances in human tissues. <i>Environment International</i> , 2013, 59, 354-362.	10.0	401
278	Occurrence of 95 pharmaceuticals and transformation products in urban groundwaters underlying the metropolis of Barcelona, Spain. <i>Environmental Pollution</i> , 2013, 174, 305-315.	7.5	347
279	Pollution in mediterranean-climate rivers. <i>Hydrobiologia</i> , 2013, 719, 427-450.	2.0	28
280	Concentration of polychlorinated biphenyls and organochlorine pesticides in mullet (<i>Mugil</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Tc 2013, 90, 2372-2380.	8.2	48
281	On-line solid phase extraction liquid chromatography tandem mass spectrometry for the determination of 17 cytostatics and metabolites in waste, surface and ground water samples. <i>Journal of Chromatography A</i> , 2013, 1280, 64-74.	3.7	107
282	Multianalyte determination of 24 cytostatics and metabolites by liquid chromatography electro-spray tandem mass spectrometry and study of their stability and optimum storage conditions in aqueous solution. <i>Talanta</i> , 2013, 116, 290-299.	5.5	61
283	Degradation of pharmaceuticals in non-sterile urban wastewater by <i>Trametes versicolor</i> in a fluidized bed bioreactor. <i>Water Research</i> , 2013, 47, 5200-5210.	11.3	190
284	Multiresidue trace analysis of sulfonamide antibiotics and their metabolites in soils and sewage sludge by pressurized liquid extraction followed by liquid chromatography electro-spray-quadrupole linear ion trap mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1275, 32-40.	3.7	96
285	Development of a liquid chromatography tandem mass spectrometry procedure for determination of endocrine disrupting compounds in fish from Mediterranean rivers. <i>Journal of Chromatography A</i> , 2013, 1306, 44-58.	3.7	112
286	Illicit and abused drugs in sewage sludge: Method optimization and occurrence. <i>Journal of Chromatography A</i> , 2013, 1322, 29-37.	3.7	49
287	Liquid chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 5857-5858.	3.7	4
288	Organochlorine and organobromine compounds in a benthic fish (<i>Solea solea</i>) from Bizerte Lagoon (northern Tunisia): Implications for human exposure. <i>Ecotoxicology and Environmental Safety</i> , 2013, 88, 55-64.	6.0	48

#	ARTICLE	IF	CITATIONS
289	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
290	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
291	High accumulation of PCDD, PCDF, and PCB congeners in marine mammals from Brazil: A serious PCB problem. <i>Science of the Total Environment</i> , 2013, 463-464, 309-318.	8.0	45
292	Endocrine disruption in thicklip grey mullet (<i>Chelon labrosus</i>) from the Urdaibai Biosphere Reserve (Bay of Biscay, Southwestern Europe). <i>Science of the Total Environment</i> , 2013, 443, 233-244.	8.0	42
293	Development of a liquid chromatography-electrospray chemical ionization tandem mass spectrometry analytical method for analysis of eleven hydroxylated polybrominated diphenyl ethers. <i>Journal of Chromatography A</i> , 2013, 1301, 80-87.	3.7	20
294	Fully automated determination of nine ultraviolet filters and transformation products in natural waters and wastewaters by on-line solid phase extraction-liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1294, 106-116.	3.7	130
295	Occurrence of linear and cyclic volatile methylsiloxanes in wastewater, surface water and sediments from Catalonia. <i>Science of the Total Environment</i> , 2013, 443, 530-538.	8.0	102
296	Direct Peel Monitoring of Xenobiotics in Fruit by Direct Analysis in Real Time Coupled to a Linear Quadrupole Ion Trap-Orbitrap Mass Spectrometer. <i>Analytical Chemistry</i> , 2013, 85, 2638-2644.	6.5	75
297	Ozonation and peroxone oxidation of benzophenone-3 in water: Effect of operational parameters and identification of intermediate products. <i>Science of the Total Environment</i> , 2013, 443, 209-217.	8.0	60
298	<i>Environmental Analysis</i> , 2013, , 389-410.		6
299	Multi-residue method for trace level determination of UV filters in fish based on pressurized liquid extraction and liquid chromatography-quadrupole-linear ion trap-mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1286, 93-101.	3.7	72
300	Exploring the links between antibiotic occurrence, antibiotic resistance, and bacterial communities in water supply reservoirs. <i>Science of the Total Environment</i> , 2013, 456-457, 161-170.	8.0	288
301	Liquid chromatography-tandem mass spectrometry for the multi-residue analysis of organic UV filters and their transformation products in the aquatic environment. <i>Analytical Methods</i> , 2013, 5, 355-366.	2.7	48
302	Occurrence of hydrophobic organic pollutants (BFRs and UV-filters) in sediments from South America. <i>Chemosphere</i> , 2013, 92, 309-316.	8.2	99
303	Multi-residue analytical method for the determination of endocrine disruptors and related compounds in river and waste water using dual column liquid chromatography switching system coupled to mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1295, 57-66.	3.7	115
304	Analysis of emerging contaminants in food. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 43, 240-253.	11.4	87
305	Contribution of hospital effluents to the load of pharmaceuticals in urban wastewaters: Identification of ecologically relevant pharmaceuticals. <i>Science of the Total Environment</i> , 2013, 461-462, 302-316.	8.0	469
306	Determination of 13 estrogenic endocrine disrupting compounds in atmospheric particulate matter by pressurised liquid extraction and liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 8913-8923.	3.7	36

#	ARTICLE	IF	CITATIONS
307	Conclusions and Future Research Needs. <i>Comprehensive Analytical Chemistry</i> , 2013, 62, 705-718.	1.3	1
308	Prioritization. <i>Comprehensive Analytical Chemistry</i> , 2013, 62, 71-90.	1.3	8
309	Methods for Elucidation of Transformation Pathways. <i>Comprehensive Analytical Chemistry</i> , 2013, 62, 593-610.	1.3	2
310	Fate and Occurrence of PhACs in the Terrestrial Environment. <i>Comprehensive Analytical Chemistry</i> , 2013, 62, 559-592.	1.3	0
311	Determination of Pyrethroid Insecticides in Environmental Samples by GC-MS and GC-MS-MS. <i>Comprehensive Analytical Chemistry</i> , 2013, 61, 203-230.	1.3	3
312	Analysis of Pharmaceutical Compounds in Biota. <i>Comprehensive Analytical Chemistry</i> , 2013, 62, 169-193.	1.3	6
313	Analysis of Halogenated Flame Retardants by Gas Chromatography Coupled to LRMS, HRMS, MS-MS, and TOF-MS. <i>Comprehensive Analytical Chemistry</i> , 2013, , 373-401.	1.3	1
314	Comparison of PAH Levels and Sources in Pine Needles from Portugal, Spain, and Greece. <i>Analytical Letters</i> , 2012, 45, 508-525.	1.8	7
315	Comprehensive study of ibuprofen and its metabolites in activated sludge batch experiments and aquatic environment. <i>Science of the Total Environment</i> , 2012, 438, 404-413.	8.0	161
316	Integrated modelling and monitoring at different river basin scales under global change. <i>Science of the Total Environment</i> , 2012, 440, 1-2.	8.0	2
317	Fuzzy logic based risk assessment of effluents from waste-water treatment plants. <i>Science of the Total Environment</i> , 2012, 439, 202-210.	8.0	20
318	Occurrence of Aerosol-Bound Fullerenes in the Mediterranean Sea Atmosphere. <i>Environmental Science & Technology</i> , 2012, 46, 1335-1343.	10.0	75
319	Tracing pharmaceuticals in a municipal plant for integrated wastewater and organic solid waste treatment. <i>Science of the Total Environment</i> , 2012, 433, 352-361.	8.0	84
320	Are pesticide residues associated to rice production affecting oyster production in Delta del Ebro, NE Spain?. <i>Science of the Total Environment</i> , 2012, 437, 209-218.	8.0	24
321	Ecotoxicity evaluation and removal of sulfonamides and their acetylated metabolites during conventional wastewater treatment. <i>Science of the Total Environment</i> , 2012, 437, 403-412.	8.0	99
322	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
323	Natural and anthropogenically-produced brominated compounds in endemic dolphins from Western South Atlantic: Another risk to a vulnerable species. <i>Environmental Pollution</i> , 2012, 170, 152-160.	7.5	76
324	Analytical method for the determination of halogenated norbornene flame retardants in environmental and biota matrices by gas chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1248, 154-160.	3.7	51

#	ARTICLE	IF	CITATIONS
325	Fast and comprehensive multi-residue analysis of a broad range of human and veterinary pharmaceuticals and some of their metabolites in surface and treated waters by ultra-high-performance liquid chromatography coupled to quadrupole-linear ion trap tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1248, 104-121.	3.7	457
326	Direct analysis of pharmaceuticals, their metabolites and transformation products in environmental waters using on-line TurboFlow [®] , [®] chromatography [®] liquid chromatography [®] tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1252, 115-129.	3.7	66
327	Emerging and historical brominated flame retardants in peregrine falcon (<i>Falco peregrinus</i>) eggs from Canada and Spain. <i>Environment International</i> , 2012, 40, 179-186.	10.0	87
328	Pyrethroid use-malaria control and individual applications by households for other pests and home garden use. <i>Environment International</i> , 2012, 38, 67-72.	10.0	74
329	Emerging Contaminants. , 2012, , 665-691.		1
330	Bioaugmentation of Sewage Sludge with <i>Trametes versicolor</i> in Solid-Phase Biopiles Produces Degradation of Pharmaceuticals and Affects Microbial Communities. <i>Environmental Science & Technology</i> , 2012, 46, 12012-12020.	10.0	50
331	Removal of pharmaceuticals, polybrominated flame retardants and UV-filters from sludge by the fungus <i>Trametes versicolor</i> in bioslurry reactor. <i>Journal of Hazardous Materials</i> , 2012, 233-234, 235-243.	12.4	70
332	Emerging organic contaminants in groundwater in Spain: A review of sources, recent occurrence and fate in a European context. <i>Science of the Total Environment</i> , 2012, 440, 82-94.	8.0	321
333	Introduction to the Analysis and Risk of Nanomaterials in Environmental and Food Samples. <i>Comprehensive Analytical Chemistry</i> , 2012, , 1-32.	1.3	33
334	Analysis and Fate of Organic Nanomaterials in Environmental Samples. <i>Comprehensive Analytical Chemistry</i> , 2012, 59, 131-168.	1.3	4
335	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
336	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
337	Integration of research advances in modelling and monitoring in support of WFD river basin management planning in the context of climate change. <i>Science of the Total Environment</i> , 2012, 440, 167-177.	8.0	45
338	Removal of sulfonamide antibiotics upon conventional activated sludge and advanced membrane bioreactor treatment. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1505-1515.	3.7	66
339	Analysis of UV filters in tap water and other clean waters in Spain. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 2325-2333.	3.7	123
340	Population Growth Rate Responses of <i>Ceriodaphnia dubia</i> to Ternary Mixtures of Specific Acting Chemicals: Pharmacological versus Ecotoxicological Modes of Action. <i>Environmental Science & Technology</i> , 2012, 46, 9663-9672.	10.0	15
341	Establishing potential links between the presence of alkylphenolic compounds and the benthic community in a European river basin. <i>Environmental Science and Pollution Research</i> , 2012, 19, 934-945.	5.3	8
342	New indexes for compound prioritization and complexity quantification on environmental monitoring inventories. <i>Environmental Science and Pollution Research</i> , 2012, 19, 958-970.	5.3	25

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343	Occurrence of perfluorinated compounds in water and sediment of L'Albufera Natural Park (València), Tj ETQq1 1 0.784314 rgBT/C	5.3	53
344	Environmental distribution of PAHs in pine needles, soils, and sediments. Environmental Science and Pollution Research, 2012, 19, 677-688.	5.3	26
345	Analysis of the occurrence and risk assessment of polar pesticides in the Llobregat River Basin (NE) Tj ETQq1 1 0.784314 rgBT/Overlo	8.2	77
346	Analysis of 18 perfluorinated compounds in river waters: Comparison of high performance liquid chromatography-tandem mass spectrometry, ultra-high-performance liquid chromatography-tandem mass spectrometry and capillary liquid chromatography-mass spectrometry. Journal of Chromatography A, 2012, 1244, 88-97.	3.7	57
347	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
348	Assessment of the effects of a marine urban outfall discharge on caged mussels using chemical and biomarker analysis. Marine Pollution Bulletin, 2012, 64, 563-573.	5.0	34
349	Drugs of abuse in urban groundwater. A case study: Barcelona. Science of the Total Environment, 2012, 424, 280-288.	8.0	66
350	Analysis of perfluoroalkyl substances in waters from Germany and Spain. Science of the Total Environment, 2012, 431, 139-150.	8.0	125
351	Continuous degradation of a mixture of sulfonamides by Trametes versicolor and identification of metabolites from sulfapyridine and sulfathiazole. Journal of Hazardous Materials, 2012, 213-214, 347-354.	12.4	85
352	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
353	Biodegradation studies of N 4-acetylsulfapyridine and N 4-acetylsulfamethazine in environmental water by applying mass spectrometry techniques. Analytical and Bioanalytical Chemistry, 2012, 402, 2885-2896.	3.7	35
354	Distribution and sources of PAHs using three pine species along the Ebro River. Environmental Monitoring and Assessment, 2012, 184, 985-999.	2.7	31
355	Dechlorane Plus and Related Compounds in Peregrine Falcon (Falco peregrinus)Eggs from Canada and Spain. Environmental Science & Technology, 2011, 45, 1284-1290.	10.0	100
356	Evaluation of drugs of abuse use and trends in a prison through wastewater analysis. Environment International, 2011, 37, 49-55.	10.0	135
357	Occurrence of sulfonamide residues along the Ebro river basinRemoval in wastewater treatment plants and environmental impact assessment. Environment International, 2011, 37, 462-473.	10.0	210
358	Occurrence, partition and removal of pharmaceuticals in sewage water and sludge during wastewater treatment. Water Research, 2011, 45, 1165-1176.	11.3	802
359	Photolytic and photocatalytic transformation of methadone in aqueous solutions under solar irradiation: Kinetics, characterization of major intermediate products and toxicity evaluation. Water Research, 2011, 45, 4815-4826.	11.3	26
360	Microcosm experiments to control anaerobic redox conditions when studying the fate of organic micropollutants in aquifer material. Journal of Contaminant Hydrology, 2011, 126, 330-345.	3.3	54

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361	Illicit drug consumption estimations derived from wastewater analysis: A critical review. <i>Science of the Total Environment</i> , 2011, 409, 3564-3577.	8.0	335
362	Biodegradation of sulfamethazine by <i>Trametes versicolor</i> : Removal from sewage sludge and identification of intermediate products by UPLC-QqTOF-MS. <i>Science of the Total Environment</i> , 2011, 409, 5505-5512.	8.0	127
363	Polybrominated diphenyl ethers and their methoxylated analogs in mullet (<i>Mugil cephalus</i>) and sea bass (<i>Dicentrarchus labrax</i>) from Bizerte Lagoon, Tunisia. <i>Marine Environmental Research</i> , 2011, 72, 258-264.	2.5	42
364	Removal of estrogens through water disinfection processes and formation of by-products. <i>Chemosphere</i> , 2011, 82, 789-799.	8.2	99
365	Diastereoisomer- and enantiomer-specific determination of hexabromocyclododecane in fish oil for food and feed. <i>Chemosphere</i> , 2011, 82, 739-744.	8.2	16
366	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
367	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
368	Occurrence of multiclass UV filters in treated sewage sludge from wastewater treatment plants. <i>Chemosphere</i> , 2011, 84, 1158-1165.	8.2	118
369	Identification of new ozonation disinfection byproducts of 17 β -estradiol and estrone in water. <i>Chemosphere</i> , 2011, 84, 1535-1541.	8.2	45
370	Occurrence and distribution of pharmaceuticals in surface water, suspended solids and sediments of the Ebro river basin, Spain. <i>Chemosphere</i> , 2011, 85, 1331-1339.	8.2	320
371	Are pharmaceuticals more harmful than other pollutants to aquatic invertebrate species: A hypothesis tested using multi-biomarker and multi-species responses in field collected and transplanted organisms. <i>Chemosphere</i> , 2011, 85, 1548-1554.	8.2	46
372	Rapid residue analysis of fluoroquinolones in raw bovine milk by online solid phase extraction followed by liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 9019-9027.	3.7	49
373	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
374	Application of fully automated online solid phase extraction-liquid chromatography-electrospray-tandem mass spectrometry for the determination of sulfonamides and their acetylated metabolites in groundwater. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 795-806.	3.7	79
375	Fast pressurized liquid extraction with in-cell purification and analysis by liquid chromatography tandem mass spectrometry for the determination of UV filters and their degradation products in sediments. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 2195-2204.	3.7	95
376	Solid-phase treatment with the fungus <i>Trametes versicolor</i> substantially reduces pharmaceutical concentrations and toxicity from sewage sludge. <i>Bioresource Technology</i> , 2011, 102, 5602-5608.	9.6	69
377	Solar transformation and photocatalytic treatment of cocaine in water: Kinetics, characterization of major intermediate products and toxicity evaluation. <i>Applied Catalysis B: Environmental</i> , 2011, 104, 37-48.	20.2	39
378	Analysis and assessment of the occurrence, the fate and the behavior of nanomaterials in the environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 517-527.	11.4	203

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379	Analytical chemistry of metallic nanoparticles in natural environments. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 528-540.	11.4	152
380	Trace analysis of antidepressants in environmental waters by molecularly imprinted polymer-based solid-phase extraction followed by ultra-performance liquid chromatography coupled to triple quadrupole mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 825-837.	3.7	52
381	Analysis and occurrence of alkylphenolic compounds and estrogens in a European river basin and an evaluation of their importance as priority pollutants. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 1301-1309.	3.7	65
382	LC-QqLIT MS analysis of nine sulfonamides and one of their acetylated metabolites in the Llobregat River basin. Quantitative determination and qualitative evaluation by IDA experiments. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 1325-1334.	3.7	58
383	Simultaneous determination of hexabromocyclododecane, tetrabromobisphenol A, and related compounds in sewage sludge and sediment samples from Ebro River basin (Spain). <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 2817-2824.	3.7	74
384	Mass Spectrometry: Fourth conference of the Spanish Society of Mass Spectrometry (SEEM). <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 2761-2762.	3.7	0
385	Emerging food contaminants: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2413-2427.	3.7	130
386	Determination of antibacterials in animal feed by pressurized liquid extraction followed by online purification and liquid chromatography-electrospray tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1195-1205.	3.7	28
387	Identifying major pesticides affecting bivalve species exposed to agricultural pollution using multi-biomarker and multivariate methods. <i>Ecotoxicology</i> , 2010, 19, 1084-1094.	2.4	56
388	Assessing the estrogenic potency in a Portuguese wastewater treatment plant using an integrated approach. <i>Journal of Environmental Sciences</i> , 2010, 22, 1613-1622.	6.1	28
389	Occurrence and transport of pesticides and alkylphenols in water samples along the Ebro River Basin. <i>Journal of Hydrology</i> , 2010, 383, 18-29.	5.4	81
390	Simultaneous occurrence of nitrates and sulfonamide antibiotics in two ground water bodies of Catalonia (Spain). <i>Journal of Hydrology</i> , 2010, 383, 93-101.	5.4	138
391	Analysis and occurrence of emerging brominated flame retardants in the Llobregat River basin. <i>Journal of Hydrology</i> , 2010, 383, 39-43.	5.4	46
392	Analysis and occurrence of selected medium to highly polar pesticides in groundwater of Catalonia (NE Spain): An approach based on on-line solid phase extraction-liquid chromatography-electrospray-tandem mass spectrometry detection. <i>Journal of Hydrology</i> , 2010, 383, 83-92.	5.4	98
393	Primary and complex stressors in polluted mediterranean rivers: Pesticide effects on biological communities. <i>Journal of Hydrology</i> , 2010, 383, 52-61.	5.4	138
394	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
395	Determination of triazines and their metabolites in environmental samples using molecularly imprinted polymer extraction, pressurized liquid extraction and LC-tandem mass spectrometry. <i>Journal of Hydrology</i> , 2010, 383, 30-38.	5.4	40
396	Occurrence and fate of alkylphenol polyethoxylate degradation products and linear alkylbenzene sulfonate surfactants in urban ground water: Barcelona case study. <i>Journal of Hydrology</i> , 2010, 383, 102-110.	5.4	49

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397	Integrated ecotoxicological and chemical approach for the assessment of pesticide pollution in the Ebro River delta (Spain). <i>Journal of Hydrology</i> , 2010, 383, 73-82.	5.4	91
398	Occurrence and transport of PAHs, pesticides and alkylphenols in sediment samples along the Ebro River Basin. <i>Journal of Hydrology</i> , 2010, 383, 5-17.	5.4	77
399	Advanced monitoring of pharmaceuticals and estrogens in the Llobregat River basin (Spain) by liquid chromatography–triple quadrupole-tandem mass spectrometry in combination with ultra performance liquid chromatography–time of flight-mass spectrometry. <i>Chemosphere</i> , 2010, 80, 1337-1344.	8.2	112
400	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
401	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
402	Development and validation of a pressurised liquid extraction liquid chromatography–electrospray–tandem mass spectrometry method for β -lactams and sulfonamides in animal feed. <i>Journal of Chromatography A</i> , 2010, 1217, 4247-4254.	3.7	60
403	Fate of Surfactants in Membrane Bioreactors and Conventional Activated Sludge Plants. <i>Environmental Science & Technology</i> , 2010, 44, 8223-8229.	10.0	9
404	An integrated study of endocrine disruptors in sediments and reproduction-related parameters in bivalve molluscs from the Biosphere–TM Reserve of Urdaibai (Bay of Biscay). <i>Marine Environmental Research</i> , 2010, 69, S63-S66.	2.5	20
405	Origin and distribution of polycyclic aromatic hydrocarbon pollution in sediment and fish from the biosphere reserve of Urdaibai (Bay of Biscay, Basque country, Spain). <i>Marine Environmental Research</i> , 2010, 70, 142-149.	2.5	20
406	Environmental risk assessment of pharmaceuticals in rivers: Relationships between hazard indexes and aquatic macroinvertebrate diversity indexes in the Llobregat River (NE Spain). <i>Environment International</i> , 2010, 36, 153-162.	10.0	350
407	Evaluation of the suitability of recombinant yeast-based estrogenicity assays as a pre-screening tool in environmental samples. <i>Environment International</i> , 2010, 36, 361-367.	10.0	24
408	Infant exposure of perfluorinated compounds: Levels in breast milk and commercial baby food. <i>Environment International</i> , 2010, 36, 584-592.	10.0	115
409	Profiling of compounds and degradation products from the postharvest treatment of pears and apples by ultra-high pressure liquid chromatography quadrupole-time-of-flight mass spectrometry. <i>Talanta</i> , 2010, 81, 281-293.	5.5	45
410	Determination of 19 sulfonamides in environmental water samples by automated on-line solid-phase extraction-liquid chromatography–tandem mass spectrometry (SPE-LC–MS/MS). <i>Talanta</i> , 2010, 81, 355-366.	5.5	169
411	Oxidation of atenolol, propranolol, carbamazepine and clofibric acid by a biological Fenton-like system mediated by the white-rot fungus <i>Trametes versicolor</i> . <i>Water Research</i> , 2010, 44, 521-532.	11.3	94
412	Triclosan persistence through wastewater treatment plants and its potential toxic effects on river biofilms. <i>Aquatic Toxicology</i> , 2010, 100, 346-353.	4.0	149
413	Characterization of intermediate products of solar photocatalytic degradation of ranitidine at pilot-scale. <i>Chemosphere</i> , 2010, 79, 368-376.	8.2	42
414	Fate of selected pesticides, estrogens, progestogens and volatile organic compounds during artificial aquifer recharge using surface waters. <i>Chemosphere</i> , 2010, 79, 880-886.	8.2	56

#	ARTICLE	IF	CITATIONS
415	Drugs of abuse and their metabolites in the Ebro River basin: Occurrence in sewage and surface water, sewage treatment plants removal efficiency, and collective drug usage estimation. <i>Environment International</i> , 2010, 36, 75-84.	10.0	282
416	Transfer of hexabromocyclododecane from industrial effluents to sediments and biota: Case study in Cinca river (Spain). <i>Journal of Hydrology</i> , 2009, 369, 360-367.	5.4	31
417	Identification of disinfection by-products of selected triazines in drinking water by LC-TOFMS/MS and evaluation of their toxicity. <i>Journal of Mass Spectrometry</i> , 2009, 44, 330-337.	1.6	35
418	Liquid chromatography-tandem mass spectrometric analysis and regulatory issues of polar pesticides in natural and treated waters. <i>Journal of Chromatography A</i> , 2009, 1216, 520-529.	3.7	101
419	Complementary mass spectrometry and bioassays for evaluating pharmaceutical-transformation products in treatment of drinking water and wastewater. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 562-580.	11.4	57
420	Combining chemical analysis and ecotoxicity to determine environmental exposure and to assess risk from sulfonamides. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 804-819.	11.4	120
421	Solar photocatalytic degradation of persistent pharmaceuticals at pilot-scale: Kinetics and characterization of major intermediate products. <i>Applied Catalysis B: Environmental</i> , 2009, 89, 255-264.	20.2	145
422	Bridging levels of pharmaceuticals in river water with biological community structure in the llobregat river basin (northeast Spain). <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2706-2714.	4.3	166
423	Hexabromocyclododecane in Human Breast Milk: Levels and Enantiomeric Patterns. <i>Environmental Science & Technology</i> , 2009, 43, 1940-1946.	10.0	112
424	An international conference on "Pharmaceuticals in the Environment" in a frame of EU Knappe project. <i>Environment International</i> , 2009, 35, 763-765.	10.0	6
425	Sorption of alkylphenols on Ebro River sediments: Comparing isotherms with field observations in river water and sediments. <i>Environmental Pollution</i> , 2009, 157, 698-703.	7.5	49
426	Effects of low concentrations of the phenylurea herbicide diuron on biofilm algae and bacteria. <i>Chemosphere</i> , 2009, 76, 1392-1401.	8.2	131
427	Microwave-assisted extraction and ultrasonic extraction to determine polycyclic aromatic hydrocarbons in needles and bark of <i>Pinus pinaster</i> Ait. and <i>Pinus pinea</i> L. by GC-MS. <i>Talanta</i> , 2009, 77, 1120-1128.	5.5	72
428	Multi-residue method for trace level determination of pharmaceuticals in solid samples using pressurized liquid extraction followed by liquid chromatography/quadrupole-linear ion trap mass spectrometry. <i>Talanta</i> , 2009, 80, 363-371.	5.5	208
429	Fate and distribution of pharmaceuticals in wastewater and sewage sludge of the conventional activated sludge (CAS) and advanced membrane bioreactor (MBR) treatment. <i>Water Research</i> , 2009, 43, 831-841.	11.3	979
430	Bioassays and Biosensors. <i>Water Quality Measurements Series</i> , 2009, , 125-156.	0.1	2
431	Traceability and Interlaboratory Studies on Yeast-Based Assays for the Determination of Estrogenicity. <i>Water Quality Measurements Series</i> , 2009, , 371-381.	0.1	0
432	Tracing Pharmaceutical Residues of Different Therapeutic Classes in Environmental Waters by Using Liquid Chromatography/Quadrupole-Linear Ion Trap Mass Spectrometry and Automated Library Searching. <i>Analytical Chemistry</i> , 2009, 81, 898-912.	6.5	297

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433	Determination of Drugs of Abuse in Airborne Particles by Pressurized Liquid Extraction and Liquid Chromatography-Electrospray-Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2009, 81, 4382-4388.	6.5	65
434	Achievements of the RIANA and AWACSS EU Projects: Immunosensors for the Determination of Pesticides, Endocrine Disrupting Chemicals and Pharmaceuticals. <i>Handbook of Environmental Chemistry</i> , 2009, , 33-46.	0.4	8
435	Liquid Chromatography-Mass Spectrometry Methods for Analysis of Endocrine-Disrupting Chemicals in Wastewaters. <i>Handbook of Environmental Chemistry</i> , 2009, , 227-271.	0.4	4
436	How to confirm identified toxicants in effect-directed analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 1959-1973.	3.7	91
437	Identification and trace level determination of brominated flame retardants by liquid chromatography/quadrupole linear ion trap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 916-924.	1.5	44
438	Characterization and quantitative analysis of surfactants in textile wastewater by liquid chromatography/quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 1445-1454.	1.5	41
439	Trace level determination of β -blockers in waste waters by highly selective molecularly imprinted polymers extraction followed by liquid chromatography-quadrupole-linear ion trap mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1189, 374-384.	3.7	87
440	Highly sensitive simultaneous determination of sulfonamide antibiotics and one metabolite in environmental waters by liquid chromatography-quadrupole linear ion trap-mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1193, 50-59.	3.7	184
441	Enantiomeric specific determination of hexabromocyclododecane by liquid chromatography-quadrupole linear ion trap mass spectrometry in sediment samples. <i>Journal of Chromatography A</i> , 2008, 1203, 81-87.	3.7	49
442	Europe aims to bridge science and water management. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 641-647.	11.4	0
443	The expanding role of LC-MS in analyzing metabolites and degradation products of food contaminants. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 821-835.	11.4	108
444	Organic UV filters and their photodegradates, metabolites and disinfection by-products in the aquatic environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 873-887.	11.4	203
445	Identification and determination of metabolites and degradation products of sulfonamide antibiotics. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 1008-1022.	11.4	293
446	Analysis of drugs of abuse and their human metabolites in water by LC-MS2: A non-intrusive tool for drug abuse estimation at the community level. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 1053-1069.	11.4	120
447	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. <i>Journal of Chromatography A</i> , 2008, 1203, 36-46.	3.7	46
448	Tenax [®] extraction as a tool to evaluate the availability of polybrominated diphenyl ethers, ddt, and ddt metabolites in sediments. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 1250-1256.	4.3	30
449	Chemical and biological analysis of endocrine-disrupting hormones and estrogenic activity in an advanced sewage treatment plant. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 1649-1658.	4.3	111
450	Chapter 4 Immunochemical and Receptor Technologies: The Role of Immunoassay, Immunoaffinity Chromatography, Immunosensors and Molecularly Imprinted Polymeric Sensors. <i>Comprehensive Analytical Chemistry</i> , 2008, , 91-130.	1.3	7

#	ARTICLE	IF	CITATIONS
451	Occurrence and fate of emerging wastewater contaminants in Western Balkan Region. <i>Science of the Total Environment</i> , 2008, 399, 66-77.	8.0	247
452	Analysis and occurrence of pharmaceuticals, estrogens, progestogens and polar pesticides in sewage treatment plant effluents, river water and drinking water in the Llobregat river basin (Barcelona). <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 6</i>	11.3	277
453	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. <i>Journal of Hydrology</i> , 2008, 361, 1-9.	5.4	56
454	Fully Automated Determination in the Low Nanogram per Liter Level of Different Classes of Drugs of Abuse in Sewage Water by On-Line Solid-Phase Extraction-Liquid Chromatography-Electrospray-Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2008, 80, 3123-3134.	6.5	199
455	Emerging Contaminants in Waste Waters: Sources and Occurrence. , 2008, , 1-35.		5
456	Impact of pesticides used in agriculture and vineyards to surface and groundwater quality (North) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 6</i>	11.3	277
457	Analysis of 17 polar to semi-polar pesticides in the Ebro river delta during the main growing season of rice by automated on-line solid-phase extraction-liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2008, 75, 390-401.	5.5	104
458	Occurrence and fate of alkylphenols and alkylphenol ethoxylates in sewage treatment plants and impact on receiving waters along the Ter River (Catalonia, NE Spain). <i>Environmental Pollution</i> , 2008, 153, 384-392.	7.5	116
459	Development of a magnetic particle immunoassay for polybrominated diphenyl ethers and application to environmental and food matrices. <i>Chemosphere</i> , 2008, 73, S18-S23.	8.2	44
460	Spatial variation of DDT and its metabolites in fish and sediment from Cinca River, a tributary of Ebro River (Spain). <i>Chemosphere</i> , 2008, 70, 1182-1189.	8.2	41
461	Distribution and biological impact of dioxin-like compounds in risk zones along the Ebro River basin (Spain). <i>Chemosphere</i> , 2008, 71, 1156-1161.	8.2	27
462	Effect of sewage sludges contaminated with polybrominated diphenylethers on agricultural soils. <i>Chemosphere</i> , 2008, 71, 1079-1086.	8.2	139
463	Trace organic chemicals contamination in ground water recharge. <i>Chemosphere</i> , 2008, 72, 333-342.	8.2	166
464	Reply to comment by Sierra Rayne on "Development of a magnetic particle immunoassay for polybrominated diphenyl ethers and application to environmental and food matrices" [<i>Chemosphere</i> 73 (1S) (2008) S18-S23]. <i>Chemosphere</i> , 2008, 73, 1700.	8.2	3
465	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
466	Analysis of Emerging Contaminants of Municipal and Industrial Origin. , 2008, , 37-104.		3
467	Erratum to Membrane Bioreactor (MBR) as an Advanced Wastewater Treatment Technology. , 2008, , 275-280.		0
468	Chapter 2.6 Analysis of steroid estrogens in the environment. <i>Comprehensive Analytical Chemistry</i> , 2007, 50, 219-264.	1.3	5

#	ARTICLE	IF	CITATIONS
469	Chapter 2.4 Multi-residue analysis of pharmaceuticals using LC-tandem MS and LC-hybrid MS. <i>Comprehensive Analytical Chemistry</i> , 2007, 50, 157-183.	1.3	6
470	Chapter 5 Conclusions and future research needs. <i>Comprehensive Analytical Chemistry</i> , 2007, 50, 515-527.	1.3	0
471	Comparison of sulfonated and other micropollutants removal in membrane bioreactor and conventional wastewater treatment. <i>Water Research</i> , 2007, 41, 935-945.	11.3	113
472	Congener distribution of polybrominated diphenyl ethers in feral carp (<i>Cyprinus carpio</i>) from the Llobregat River, Spain. <i>Environmental Pollution</i> , 2007, 146, 188-195.	7.5	74
473	Mercury levels and liver pathology in feral fish living in the vicinity of a mercury cell chlor-alkali factory. <i>Chemosphere</i> , 2007, 66, 1217-1225.	8.2	66
474	Removal of a broad range of surfactants from municipal wastewater – Comparison between membrane bioreactor and conventional activated sludge treatment. <i>Chemosphere</i> , 2007, 67, 335-343.	8.2	121
475	Environmental monitoring by gene expression biomarkers in <i>Barbus graellsii</i> : Laboratory and field studies. <i>Chemosphere</i> , 2007, 67, 1144-1154.	8.2	60
476	Decabrominated diphenyl ether in river fish and sediment samples collected downstream an industrial park. <i>Chemosphere</i> , 2007, 69, 1278-1286.	8.2	78
477	Sensor, biosensors and MIP based sensors. , 2007, , 599-636.		6
478	Variations in $^{13}C/^{12}C$ and D/H Enrichment Factors of Aerobic Bacterial Fuel Oxygenate Degradation. <i>Environmental Science & Technology</i> , 2007, 41, 2036-2043.	10.0	79
479	Chapter 2.1 Analysis of antibiotics in aqueous samples. <i>Comprehensive Analytical Chemistry</i> , 2007, , 61-93.	1.3	3
480	Advanced liquid chromatography-mass spectrometry (LC-MS) methods applied to wastewater removal and the fate of surfactants in the environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 116-124.	11.4	76
481	Recent advances in LC-MS residue analysis of veterinary medicines in the terrestrial environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 637-646.	11.4	64
482	LC-based analysis of drugs of abuse and their metabolites in urine. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 609-624.	11.4	55
483	Advanced mass spectrometric methods applied to the study of fate and removal of pharmaceuticals in wastewater treatment. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 1132-1144.	11.4	97
484	Advantages and limitations of on-line solid phase extraction coupled to liquid chromatography-mass spectrometry technologies versus biosensors for monitoring of emerging contaminants in water. <i>Journal of Chromatography A</i> , 2007, 1152, 97-115.	3.7	287
485	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. <i>Journal of Chromatography A</i> , 2007, 1160, 166-175.	3.7	124
486	Identification of unknown pesticides in fruits using ultra-performance liquid chromatography-quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1176, 123-134.	3.7	82

#	ARTICLE	IF	CITATIONS
487	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
488	COMBINED USE OF BIOMARKERS AND IN SITU BIOASSAYS IN DAPHNIA MAGNA TO MONITOR ENVIRONMENTAL HAZARDS OF PESTICIDES IN THE FIELD. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 370.	4.3	106
489	Wastewater treatment plants as a pathway for aquatic contamination by pharmaceuticals in the Ebro river basin (Northeast Spain). <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 1553-1562.	4.3	318
490	A NONINVASIVE TEST OF EXPOSITION TO TOXICANTS: QUANTITATIVE ANALYSIS OF CYTOCHROME P4501A EXPRESSION IN FISH SCALES. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 2179.	4.3	14
491	Effect-Directed Analysis of Key Toxicants in European River Basins. A Review (9 pp). <i>Environmental Science and Pollution Research</i> , 2007, 14, 30-38.	5.3	139
492	Analysis of pharmaceuticals in wastewater and removal using a membrane bioreactor. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1365-1377.	3.7	444
493	Assessment of priority pesticides, degradation products, and pesticide adjuvants in groundwaters and top soils from agricultural areas of the Ebro river basin. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1459-1468.	3.7	70
494	Use of chemometric and geostatistical methods to evaluate pesticide pollution in the irrigation and drainage channels of the Ebro river delta during the rice-growing season. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1479-1488.	3.7	49
495	Membrane Bioreactor (MBR) as an Advanced Wastewater Treatment Technology. , 2007, , 37-101.		24
496	Polar Pollutants Entry into the Water Cycle by Municipal Wastewater: A European Perspective. <i>Environmental Science & Technology</i> , 2006, 40, 5451-5458.	10.0	373
497	Benzoxazinoid Allelochemicals in Wheat: Distribution among Foliage, Roots, and Seeds. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 1009-1015.	5.2	53
498	Determination of Benzoxazinone Derivatives in Plants by Combining Pressurized Liquid Extraction~Solid-Phase Extraction Followed by Liquid Chromatography~Electrospray Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 1001-1008.	5.2	16
499	Pilot survey of a broad range of priority pollutants in sediment and fish from the Ebro river basin (NE Tj ETQq1 1 0.784314 mgBT /Ove 7.5 127		
500	Detection of hormone receptor ligands in yeast by fluorogenic methods. <i>Talanta</i> , 2006, 69, 351-358.	5.5	40
501	Fast and simultaneous monitoring of organic pollutants in a drinking water treatment plant by a multi-analyte biosensor followed by LC~MS validation. <i>Talanta</i> , 2006, 69, 377-384.	5.5	50
502	Development of a multi-residue analytical methodology based on liquid chromatography~tandem mass spectrometry (LC~MS/MS) for screening and trace level determination of pharmaceuticals in surface and wastewaters. <i>Talanta</i> , 2006, 70, 678-690.	5.5	633
503	Identification and distribution of contamination sources in the Ebro river basin by chemometrics modelling coupled to geographical information systems. <i>Talanta</i> , 2006, 70, 691-704.	5.5	71
504	Determination of pharmaceuticals of various therapeutic classes by solid-phase extraction and liquid chromatography~tandem mass spectrometry analysis in hospital effluent wastewaters. <i>Journal of Chromatography A</i> , 2006, 1114, 224-233.	3.7	424

#	ARTICLE	IF	CITATIONS
505	Analysis of polycyclic aromatic hydrocarbons in pine needles by gas chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1114, 198-204.	3.7	89
506	Multi-residue analysis of pharmaceuticals in wastewater by ultra-performance liquid chromatography–quadrupole–time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1124, 68-81.	3.7	261
507	Determination of antimicrobials in sludge from infiltration basins at two artificial recharge plants by pressurized liquid extraction–liquid chromatography–tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1130, 72-82.	3.7	69
508	Simultaneous determination of methyl tert-butyl ether, its degradation products and other gasoline additives in soil samples by closed-system purge-and-trap gas chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1132, 28-38.	3.7	39
509	Automated trace determination of earthy-musty odorous compounds in water samples by on-line purge-and-trap–gas chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1136, 170-175.	3.7	73
510	Highly selective sample preparation and gas chromatographic–mass spectrometric analysis of chlorpyrifos, diazinon and their major metabolites in sludge and sludge-fertilized agricultural soils. <i>Journal of Chromatography A</i> , 2006, 1132, 21-27.	3.7	46
511	Analysis, occurrence and fate of MTBE in the aquatic environment over the past decade. <i>TrAC - Trends in Analytical Chemistry</i> , 2006, 25, 1016-1029.	11.4	62
512	Environmental analysis of fluorinated alkyl substances by liquid chromatography–(tandem) mass spectrometry: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 953-972.	3.7	107
513	Determination of antimicrobial residues and metabolites in the aquatic environment by liquid chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 973-985.	3.7	105
514	Chemical monitoring and occurrence of alkylphenols, alkylphenol ethoxylates, alcohol ethoxylates, phthalates and benzothiazoles in sewage treatment plants and receiving waters along the Ter River basin (Catalonia, N. E. Spain). <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 992-1000.	3.7	73
515	Chemometrical investigation of the presence and distribution of organochlorine and polyaromatic compounds in sediments of the Ebro River Basin. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 1020-1030.	3.7	31
516	Evaluating the interactions of vertebrate receptors with persistent pollutants and antifouling pesticides using recombinant yeast assays. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 1012-1019.	3.7	55
517	Sampling of water, soil and sediment to trace organic pollutants at a river-basin scale. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 1075-1088.	3.7	28
518	Biosensors as useful tools for environmental analysis and monitoring. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 1025-1041.	3.7	374
519	Multi-residue analytical methods using LC-tandem MS for the determination of pharmaceuticals in environmental and wastewater samples: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 941-952.	3.7	198
520	Advances in analytical techniques for environmental analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 765-767.	3.7	6
521	Analysis of pesticides in water by liquid chromatography–tandem mass spectrometric techniques. <i>Mass Spectrometry Reviews</i> , 2006, 25, 900-916.	5.4	77
522	LC–MS2 trace analysis of antimicrobials in water, sediment and soil. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 645-657.	11.4	105

#	ARTICLE	IF	CITATIONS
523	Automated Water Analyser Computer Supported System (AWACSS) Part I: Project objectives, basic technology, immunoassay development, software design and networking. <i>Biosensors and Bioelectronics</i> , 2005, 20, 1499-1508.	10.1	86
524	Automated Water Analyser Computer Supported System (AWACSS). <i>Biosensors and Bioelectronics</i> , 2005, 20, 1509-1519.	10.1	90
525	Liquid chromatography-tandem mass spectrometry for the analysis of pharmaceutical residues in environmental samples: a review. <i>Journal of Chromatography A</i> , 2005, 1067, 1-14.	3.7	535
526	DETECTION AND EVALUATION OF ENDOCRINE-DISRUPTION ACTIVITY IN WATER SAMPLES FROM PORTUGUESE RIVERS. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 389.	4.3	71
527	FATE OF GASOLINE OXYGENATES IN CONVENTIONAL AND MULTILEVEL WELLS OF A CONTAMINATED GROUNDWATER TABLE IN DÄSSELDORF, GERMANY. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 2785.	4.3	19
528	Fully automated multianalyte determination of different classes of pesticides, at picogram per litre levels in water, by on-line solid-phase extraction-liquid chromatography-electrospray-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2005, 382, 1815-1825.	3.7	75
529	Distribution of endocrine disruptors in the Llobregat River basin (Catalonia, NE Spain). <i>Chemosphere</i> , 2005, 61, 1710-1719.	8.2	146
530	Brominated flame retardants in <i>Alburnus alburnus</i> from Cinca River Basin (Spain). <i>Environmental Pollution</i> , 2005, 133, 501-508.	7.5	73
531	Occurrence of polybrominated diphenylethers, polychlorinated dibenzo-p-dioxins, dibenzofurans and biphenyls in coastal sediments from Spain. <i>Environmental Pollution</i> , 2005, 136, 493-501.	7.5	150
532	Survey of organotin compounds in rivers and coastal environments in Portugal 1999-2000. <i>Environmental Pollution</i> , 2005, 136, 525-536.	7.5	101
533	Immunoenzyme assay of nonylphenol: study of selectivity and detection of alkylphenolic non-ionic surfactants in water samples. <i>Talanta</i> , 2005, 65, 367-374.	5.5	21
534	Biosensors for unattended, cost-effective and continuous monitoring of environmental pollution: Automated Water Analyser Computer Supported System (AWACSS) and River Analyser (RIANA). <i>International Journal of Environmental Analytical Chemistry</i> , 2005, 85, 837-852.	3.3	11
535	BIOLUMINESCENCE INHIBITION ASSAYS FOR TOXICITY SCREENING OF WOOD EXTRACTIVES AND BIOCIDES IN PAPER MILL PROCESS WATERS. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 339.	4.3	38
536	ESTROGENIC POTENTIAL OF HALOGENATED DERIVATIVES OF NONYLPHENOL ETHOXYLATES AND CARBOXYLATES. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 705.	4.3	32
537	Simplified procedures for the analysis of polycyclic aromatic hydrocarbons in water, sediments and mussels. <i>Journal of Chromatography A</i> , 2004, 1047, 181-188.	3.7	64
538	Simultaneous extraction and fate of linear alkylbenzene sulfonates, coconut diethanol amides, nonylphenol ethoxylates and their degradation products in wastewater treatment plants, receiving coastal waters and sediments in the Catalanian area (NE Spain). <i>Journal of Chromatography A</i> , 2004, 1052, 111-120.	3.7	89
539	Determination of decabromodiphenyl ether in sediments using selective pressurized liquid extraction followed by GC-NCI-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 610-614.	3.7	64
540	Use of vitellogenin mRNA as a biomarker for endocrine disruption in feral and cultured fish. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 670-675.	3.7	54

#	ARTICLE	IF	CITATIONS
541	Application of chemometric methods to the investigation of main microcontaminant sources of endocrine disruptors in coastal and harbour waters and sediments. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 642-654.	3.7	28
542	Biosensors for environmental monitoring of endocrine disruptors: a review article. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 588-598.	3.7	141
543	Endocrine disruptors. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 547-548.	3.7	15
544	Multianalyte determination of different classes of pesticides (acidic, triazines, phenyl ureas, anilines,) by liquid chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 940-954.	3.7	50
545	Optimization of quadrupole ion storage mass spectrometric conditions for the analysis of selected polybrominated diphenyl ethers. Comparative approach with negative chemical ionization and electron impact mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2004, 39, 1168-1175.	1.6	24
546	Analysis and fate of surfactants in sludge and sludge-amended soils. <i>TrAC - Trends in Analytical Chemistry</i> , 2004, 23, 762-771.	11.4	40
547	Analysis and distribution of estrogens and progestogens in sewage sludge, soils and sediments. <i>TrAC - Trends in Analytical Chemistry</i> , 2004, 23, 790-798.	11.4	142
548	Fast chromatography of complex biocide mixtures using diode array detection and multivariate curve resolution. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2004, 74, 293-303.	3.5	42
549	Polybromodiphenyl Ether Flame Retardants in Fish from Lakes in European High Mountains and Greenland. <i>Environmental Science & Technology</i> , 2004, 38, 2338-2344.	10.0	107
550	Picogram per Liter Level Determination of Estrogens in Natural Waters and Waterworks by a Fully Automated On-Line Solid-Phase Extraction-Liquid Chromatography-Electrospray Tandem Mass Spectrometry Method. <i>Analytical Chemistry</i> , 2004, 76, 6998-7006.	6.5	161
551	Factors Affecting Linear Alkylbenzene Sulfonates Removal in Subsurface Flow Constructed Wetlands. <i>Environmental Science & Technology</i> , 2004, 38, 2657-2663.	10.0	55
552	Occurrence and Bioavailability of Polybrominated Diphenyl Ethers and Hexabromocyclododecane in Sediment and Fish from the Cinca River, a Tributary of the Ebro River (Spain). <i>Environmental Science & Technology</i> , 2004, 38, 2603-2608.	10.0	213
553	Analysis of alcohol ethoxylates and alkylamine ethoxylates in agricultural soils using pressurized liquid extraction and liquid chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 376, 1089-1097.	3.7	29
554	Determination of 39 polybrominated diphenyl ether congeners in sediment samples using fast selective pressurized liquid extraction and purification. <i>Journal of Chromatography A</i> , 2003, 1021, 165-173.	3.7	135
555	Potential chlorinated and brominated interferences on the polybrominated diphenyl ether determinations by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2003, 1008, 181-192.	3.7	58
556	Evaluation of a field-test kit for triazine herbicides (SensioScreen® TR500) as a fast assay to detect pesticide contamination in water samples. <i>Analytica Chimica Acta</i> , 2003, 475, 105-115.	5.4	21
557	Simultaneous determination of methyl tert.-butyl ether and its degradation products, other gasoline oxygenates and benzene, toluene, ethylbenzene and xylenes in Catalonian groundwater by purge-and-trap-gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2003, 995, 171-184.	3.7	68
558	Liquid chromatography-mass spectrometry of selected emerging pollutants (steroid sex hormones) in water. <i>Journal of Chromatography A</i> , 2003, 1000, 503-526.	3.7	200

#	ARTICLE	IF	CITATIONS
559	A flow immunoassay for alkylphenol ethoxylate surfactants and their metabolites—questions associated with cross-reactivity, matrix effects, and validation by chromatographic techniques. <i>Analyst</i> , The, 2003, 128, 849-856.	3.5	10
560	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
561	Occurrence and Specific Congener Profile of 40 Polybrominated Diphenyl Ethers in River and Coastal Sediments from Portugal. <i>Environmental Science & Technology</i> , 2003, 37, 892-898.	10.0	91
562	Occurrence and Removal of Estrogenic Short-Chain Ethoxy Nonylphenolic Compounds and Their Halogenated Derivatives during Drinking Water Production. <i>Environmental Science & Technology</i> , 2003, 37, 4442-4448.	10.0	90
563	Long-term exposure effects in vitellogenin, sex hormones, and biotransformation enzymes in female carp in relation to a sewage treatment works. <i>Ecotoxicology and Environmental Safety</i> , 2003, 56, 373-380.	6.0	42
564	Chapter 6 Occurrence of surfactants in the environment. <i>Comprehensive Analytical Chemistry</i> , 2003, , 655-826.	1.3	7
565	Chapter 8 Recommendations and future Trends. <i>Comprehensive Analytical Chemistry</i> , 2003, 40, 927-936.	1.3	0
566	Occurrence and analysis of estrogens and progestogens in river sediments by liquid chromatography-electrospray-mass spectrometry. <i>Analyst</i> , The, 2002, 127, 1299-1304.	3.5	126
567	Patterns and levels of halogenated volatile compounds in Portuguese surface waters. <i>Journal of Environmental Monitoring</i> , 2002, 4, 253-257.	2.1	12
568	Seasonal variation of plasmatic and hepatic vitellogenin and EROD activity in carp, <i>Cyprinus carpio</i> , in relation to sewage treatment plants. <i>Aquatic Toxicology</i> , 2002, 60, 233-248.	4.0	73
569	Novel biosensors in environmental and food samples. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 373, 677-677.	3.7	3
570	Column-switching system with restricted access pre-column packing for an integrated sample cleanup and liquid chromatographic—mass spectrometric analysis of alkylphenolic compounds and steroid sex hormones in sediment. <i>Journal of Chromatography A</i> , 2002, 971, 37-45.	3.7	83
571	In-field monitoring of cleaning efficiency in waste water treatment plants using two phenol-sensitive biosensors. <i>Analytica Chimica Acta</i> , 2002, 456, 3-17.	5.4	36
572	Pressurized liquid extraction followed by liquid chromatography—mass spectrometry for the determination of alkylphenolic compounds in river sediment. <i>Journal of Chromatography A</i> , 2002, 959, 15-23.	3.7	99
573	Multicomponent analysis of volatile organic compounds in water by automated purge and trap coupled to gas chromatography—mass spectrometry. <i>Journal of Chromatography A</i> , 2002, 959, 181-190.	3.7	80
574	Choosing between Atmospheric Pressure Chemical Ionization and Electrospray Ionization Interfaces for the HPLC/MS Analysis of Pesticides. <i>Analytical Chemistry</i> , 2001, 73, 5441-5449.	6.5	203
575	Identification of surfactant degradation products as toxic organic compounds present in sewage sludge. <i>Journal of Environmental Monitoring</i> , 2001, 3, 232-237.	2.1	15
576	Main findings and conclusions of the implementation of Directive 76/464/CEE concerning the monitoring of organic pollutants in surface waters (Portugal, April 1999—May 2000). <i>Journal of Environmental Monitoring</i> , 2001, 3, 475-482.	2.1	30

#	ARTICLE	IF	CITATIONS
577	Review of analytical methods for the determination of estrogens and progestogens in waste waters. Fresenius' Journal of Analytical Chemistry, 2001, 371, 437-447.	1.5	139
578	Analysis and environmental levels of endocrine-disrupting compounds in freshwater sediments. TrAC - Trends in Analytical Chemistry, 2001, 20, 637-648.	11.4	192
579	Influence of zinc hyperaccumulation on glucosinolates in <i>Thlaspi caerulescens</i> . New Phytologist, 2001, 151, 621-626.	7.3	71
580	Identification of a new degradation product of the antifouling agent Irgarol 1051 in natural samples. Journal of Chromatography A, 2001, 926, 221-228.	3.7	51
581	Use of solid-phase extraction in various of its modalities for sample preparation in the determination of estrogens and progestogens in sediment and water. Journal of Chromatography A, 2001, 938, 145-153.	3.7	150
582	Competitive flow immunoassay with fluorescence detection for determination of 4-nitrophenol. Analytica Chimica Acta, 2001, 426, 185-195.	5.4	128
583	Determination of glucosinolates in rapeseed and <i>Thlaspi caerulescens</i> plants by liquid chromatography-atmospheric pressure chemical ionization mass spectrometry. Journal of Chromatography A, 2000, 889, 75-81.	3.7	47
584	Estrogenicity Determination in Sewage Treatment Plants and Surface Waters from the Catalanian Area (NE Spain). Environmental Science & Technology, 2000, 34, 5076-5083.	10.0	296
585	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. Analyst, The, 2000, 125, 1273-1279.	3.5	17
586	Determination of non-ionic surfactants and polar degradation products in influent and effluent water samples and sludges of sewage treatment plants by a generic solid-phase extraction protocol. Analyst, The, 2000, 125, 1733-1739.	3.5	62
587	Broad Spectrum Analysis of 109 Priority Compounds Listed in the 76/464/CEE Council Directive Using Solid-Phase Extraction and GC/EI/MS. Analytical Chemistry, 2000, 72, 1430-1440.	6.5	98
588	Immunosensor for trace determination of Irgarol 1051 in seawater using organic media. Analytica Chimica Acta, 1999, 387, 227-233.	5.4	24
589	Effect of competitor design on immunoassay specificity: Development and evaluation of an enzyme-linked immunosorbent assay for 2,4-dinitrophenol. Analytica Chimica Acta, 1999, 387, 267-279.	5.4	31
590	Reversible immunosensor for the automatic determination of atrazine. Selection and performance of three polyclonal antisera. Analytica Chimica Acta, 1999, 386, 201-210.	5.4	29
591	Determination of chlorobenzidines in industrial effluent by solid-phase extraction and liquid chromatography with electrochemical and mass spectrometric detection. Journal of Chromatography A, 1999, 833, 181-194.	3.7	40
592	Efficient solid-phase extraction procedures for trace enrichment of priority phenols from industrial effluents with high total organic carbon content. Journal of Chromatography A, 1999, 857, 97-106.	3.7	30
593	Determination of carbamate residues in crop samples by cholinesterase-based biosensors and chromatographic techniques. Analytica Chimica Acta, 1998, 362, 59-68.	5.4	83
594	Strengths and limitations of immunoassays for effective and efficient use for pesticide analysis in water samples: A review. Analytica Chimica Acta, 1998, 362, 3-34.	5.4	249

#	ARTICLE	IF	CITATIONS
595	Application of C18 disks followed by gas chromatography techniques to degradation kinetics, stability and monitoring of endosulfan in water. <i>Journal of Chromatography A</i> , 1998, 795, 93-104.	3.7	41
596	Photodegradation and stability of chlorothalonil in water studied by solid-phase disk extraction, followed by gas chromatographic techniques. <i>Journal of Chromatography A</i> , 1998, 823, 81-90.	3.7	59
597	Photosensitized degradation of organic pollutants in water: processes and analytical applications. <i>TrAC - Trends in Analytical Chemistry</i> , 1998, 17, 605-612.	11.4	29
598	An Immunosensor for the Automatic Determination of the Antifouling Agent Irgarol 1051 in Natural Waters. <i>Environmental Science & Technology</i> , 1998, 32, 3442-3447.	10.0	25
599	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
600	Influence of the Hapten Design on the Development of a Competitive ELISA for the Determination of the Antifouling Agent Irgarol 1051 at Trace Levels. <i>Analytical Chemistry</i> , 1998, 70, 4004-4014.	6.5	63
601	Identification of Ionic Chloroacetanilide ² Herbicide Metabolites in Surface Water and Groundwater by HPLC/MS Using Negative Ion Spray. <i>Analytical Chemistry</i> , 1997, 69, 4547-4553.	6.5	78
602	Monitoring Long-Chain Intermediate Products from the Degradation of Linear Alkylbenzene Sulfonates in the Marine Environment by Solid-Phase Extraction Followed by Liquid Chromatography/Ionspray Mass Spectrometry. <i>Environmental Science & Technology</i> , 1997, 31, 504-510.	10.0	114
603	Detection of endocrine-disrupting pesticides by enzyme-linked immunosorbent assay (ELISA): application to atrazine. <i>TrAC - Trends in Analytical Chemistry</i> , 1997, 16, 554-562.	11.4	42
604	Analysis of industrial effluents to determine endocrine-disrupting chemicals. <i>TrAC - Trends in Analytical Chemistry</i> , 1997, 16, 574-583.	11.4	78
605	Determination of mono- and disulphonated azo dyes by liquid chromatography ² atmospheric pressure ionization mass spectrometry. <i>Journal of Chromatography A</i> , 1997, 777, 177-192.	3.7	104
606	Identification of fenthion and temephos and their transformation products in water by high-performance liquid chromatography with diode array detection and atmospheric pressure chemical ionization mass spectrometric detection. <i>Journal of Chromatography A</i> , 1997, 777, 99-114.	3.7	38
607	Determination of pentachlorophenol in certified waste waters, soil samples and industrial effluents using ELISA and liquid solid extraction followed by liquid chromatography. <i>Analytica Chimica Acta</i> , 1997, 346, 49-59.	5.4	48
608	Multianalyte effect in the determination of cross-reactivities of pesticide immunoassays in water matrices. <i>Analytica Chimica Acta</i> , 1997, 347, 121-130.	5.4	24
609	Development of a highly sensitive enzyme-linked immunosorbent assay for atrazine Performance evaluation by flow injection immunoassay. <i>Analytica Chimica Acta</i> , 1997, 347, 149-162.	5.4	90
610	Preparation of antisera and development of a direct enzyme-linked immunosorbent assay for the determination of the antifouling agent Irgarol 1051. <i>Analytica Chimica Acta</i> , 1997, 347, 139-147.	5.4	58
611	Environmental applications of analytical biosensors. <i>Measurement Science and Technology</i> , 1996, 7, 1547-1562.	2.6	120
612	Persistence of Temephos and Its Transformation Products in Rice Crop Field Waters. <i>Environmental Science & Technology</i> , 1996, 30, 917-923.	10.0	37

#	ARTICLE	IF	CITATIONS
613	Performance of two immunoassays for the determination of atrazine in sea water samples as compared with on-line solid phase extraction-liquid chromatography-diode array detection. <i>Analytica Chimica Acta</i> , 1996, 330, 41-51.	5.4	26
614	Adduct Ion Formation by Aromatic Amines in Thermospray Mass Spectrometry. , 1996, 31, 527-536.		8
615	Strategy for the screening of organic pollutants in a river basin " an overview of the Nitra river monitoring programme. <i>TrAC - Trends in Analytical Chemistry</i> , 1996, 15, 326-334.	11.4	4
616	Improvements in the determination of organophosphorus pesticides in ground- and wastewater samples from interlaboratory studies by automated on-line liquid-solid extraction followed by liquid chromatography-diode array detection. <i>Journal of Chromatography A</i> , 1996, 725, 85-92.	3.7	47
617	Comparative degradation kinetics of alachlor in water by photocatalysis with FeCl ₃ , TiO ₂ and photolysis, studied by solid-phase disk extraction followed by gas chromatographic techniques. <i>Journal of Chromatography A</i> , 1996, 754, 187-195.	3.7	52
618	Comparative study of different thermospray interfaces with carbamate pesticides: Influence of the ion source geometry. <i>Journal of the American Society for Mass Spectrometry</i> , 1995, 6, 656-667.	2.8	16
619	Application of solid-phase disk extraction followed by gas and liquid chromatography for the simultaneous determination of the fungicides: captan, captafol, carbendazim, chlorothalonil, ethirimol, folpet, metalaxyl and vinclozolin in environmental waters. <i>Analytica Chimica Acta</i> , 1994, 293, 109-117.	5.4	64
620	Validation of an automated precolumn exchange system (PROSPEKT) coupled to liquid chromatography with diode array detection. Application to the determination of pesticides in natural waters. <i>Analytica Chimica Acta</i> , 1994, 296, 223-234.	5.4	72
621	Comparative study of various size-exclusion chromatographic columns for the clean-up of selected pesticides in soil samples. <i>Journal of Chromatography A</i> , 1994, 673, 55-64.	3.7	17
622	Ion formation of N-Methyl carbamate pesticides in thermospray mass spectrometry: The effects of additives to the liquid chromatographic eluent and of the vaporizer temperature. <i>Journal of the American Society for Mass Spectrometry</i> , 1994, 5, 913-927.	2.8	24
623	Screening of organophosphorus pesticides in environmental matrices by various gas chromatographic techniques. <i>Analytica Chimica Acta</i> , 1993, 281, 71-84.	5.4	92
624	Multivariate curve resolution applied to liquid chromatography"diode array detection. <i>TrAC - Trends in Analytical Chemistry</i> , 1993, 12, 319-327.	11.4	220
625	Determination of pesticides in drinking water by on-line solid-phase disk extraction followed by various liquid chromatographic systems. <i>Journal of Chromatography A</i> , 1993, 645, 125-134.	3.7	85
626	Comparison of gas chromatographic-mass spectrometric methods for screening of chlorotriazine pesticides in soil. <i>Journal of Chromatography A</i> , 1992, 603, 175-184.	3.7	30
627	Determination of trace levels of herbicides in estuarine waters by gas and liquid chromatographic techniques. <i>Journal of Chromatography A</i> , 1992, 607, 319-327.	3.7	76
628	Confirmation of chlorotriazine pesticides, their degradation products and organophosphorus pesticides in soil samples using gas chromatography-mass spectrometry with electron impact and positive- and negative-ion chemical ionization. <i>Analytica Chimica Acta</i> , 1991, 243, 259-271.	5.4	84
629	Dimethyldioxirane conversion of phosphine sulfides and phosphorothioates into their corresponding oxygen analogues. <i>Tetrahedron Letters</i> , 1990, 31, 3359-3362.	1.4	19
630	Servicios ecosistémicos en Áreas de montaña: beneficios y amenazas. <i>Pirineos</i> , 0, 177, e068.	0.6	2