

Damià Barcelà³

List of Publications by Year in descending order

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Version: 2024-02-01

630
papers

52,266
citations

902

116
h-index

3312

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.	2.4	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.	3.7	20
3	Novel methodology for identification and quantification of microplastics in biological samples. <i>Environmental Pollution</i> , 2022, 292, 118466.	3.7	16
4	Highly hazardous pesticides and related pollutants: Toxicological, regulatory, and analytical aspects. <i>Science of the Total Environment</i> , 2022, 807, 151879.	3.9	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.	2.4	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.	2.9	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.	1.4	8
9	Micro(Nano)plastic analysis: a green and sustainable perspective. <i>Journal of Hazardous Materials Advances</i> , 2022, 6, 100058.	1.2	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.	3.9	10
11	Robust strategies to eliminate endocrine disruptive estrogens in water resources. <i>Environmental Pollution</i> , 2022, 306, 119373.	3.7	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.	3.7	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.	6.5	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.	6.6	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.	4.2	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.	3.9	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.	3.9	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.	5.8	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.	3.7	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.	3.9	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.	3.9	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.	3.7	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.	3.9	37
24	Phyco-remediation of swine wastewater as a sustainable model based on circular economy. <i>Journal of Environmental Management</i> , 2021, 278, 111534.	3.8	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.	3.9	27
26	Increased plastic pollution due to COVID-19 pandemic: Challenges and recommendations. <i>Chemical Engineering Journal</i> , 2021, 405, 126683.	6.6	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.	1.8	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.	6.5	16
29	Floating macrolitter leaked from Europe into the ocean. <i>Nature Sustainability</i> , 2021, 4, 474-483.	11.5	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.	3.9	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.	3.9	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.	3.6	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.	3.9	42
34	Detection and removal of waterborne enteric viruses from wastewater: A comprehensive review. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105613.	3.3	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.	3.9	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.	6.5	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.	6.5	68
38	Micro/nanoplastics effects on organisms: A review focusing on "dose". <i>Journal of Hazardous Materials</i> , 2021, 417, 126084.	6.5	96
39	CO2 biocapture by <i>Scenedesmus</i> sp. grown in industrial wastewater. <i>Science of the Total Environment</i> , 2021, 790, 148222.	3.9	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.	3.2	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.	3.9	73
42	MXene-based designer nanomaterials and their exploitation to mitigate hazardous pollutants from environmental matrices. <i>Chemosphere</i> , 2021, 283, 131293.	4.2	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.	3.9	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.	3.7	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.	6.6	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.	5.8	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.	1.6	9
49	Chemical Composition, Insecticidal and Mosquito Larvicidal Activities of Allspice (<i>Pimenta dioica</i>) Essential Oil. <i>Molecules</i> , 2021, 26, 6698.	1.7	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.	3.7	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.	6.5	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.	4.2	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.	5.8	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.	3.9	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.	2.1	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.	3.9	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.	6.5	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.	6.5	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.	3.9	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.	2.9	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.	3.9	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.	1.9	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.	3.3	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.	3.9	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.	3.9	8
66	Update, Conclusions, and Recommendations for "Assessment of Surface and Groundwater Resources in Algeria". <i>Handbook of Environmental Chemistry</i> , 2020, , 321-336.	0.2	0
67	Introduction to "Water Resources in Algeria: Water Quality, Treatment, Protection and Development". <i>Handbook of Environmental Chemistry</i> , 2020, , 1-10.	0.2	3
68	Sources of Pharmaceuticals in Water. <i>Handbook of Environmental Chemistry</i> , 2020, , 33.	0.2	9
69	Ecotoxicological Effects of Ibuprofen on Plant Growth of <i>Vigna unguiculata</i> L.. <i>Plants</i> , 2020, 9, 1473.	1.6	21
70	Conclusions and Future Perspectives. <i>Handbook of Environmental Chemistry</i> , 2020, , 525-530.	0.2	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.	3.3	171
72	Early SARS-CoV-2 outbreak detection by sewage-based epidemiology. <i>Science of the Total Environment</i> , 2020, 732, 139298.	3.9	130

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73	Introduction of emerging halogenated flame retardants in the environment. <i>Comprehensive Analytical Chemistry</i> , 2020, 88, 1-39.	0.7	22
74	Dataset of pesticides, pharmaceuticals and personal care products occurrence in wetlands of Saudi Arabia. <i>Data in Brief</i> , 2020, 31, 105776.	0.5	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.	3.9	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.	2.5	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.	3.9	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.	4.6	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.	3.9	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.	5.8	118
81	Effect-Based Identification of Hazardous Antibiotic Transformation Products after Water Chlorination. <i>Environmental Science & Technology</i> , 2020, 54, 9062-9073.	4.6	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.	3.9	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.	2.1	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.	3.9	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.	3.9	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.	4.8	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.	1.3	4
88	Seasonal relevance of agricultural diffuse pollutant with microplastic in the bay. <i>Journal of Hazardous Materials</i> , 2020, 396, 122602.	6.5	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.	6.5	75
90	Microplastics analysis. <i>MethodsX</i> , 2020, 7, 100884.	0.7	7

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91	Soil and water threats in a changing environment. <i>Environmental Research</i> , 2020, 186, 109501.	3.7	48
92	Hydrocarbon-induced hormesis: 101 years of evidence at the margin?. <i>Environmental Pollution</i> , 2020, 265, 114846.	3.7	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.	3.9	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.	3.9	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.	3.9	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.	6.5	32
97	Trace analysis of polystyrene microplastics in natural waters. <i>Chemosphere</i> , 2019, 236, 124321.	4.2	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.	3.9	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.	3.9	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.	3.7	25
101	Nanosized titanium dioxide UV filter increases mixture toxicity when combined with parabens. <i>Ecotoxicology and Environmental Safety</i> , 2019, 184, 109565.	2.9	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.	0.7	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.	3.9	175
104	Microplastics in the global aquatic environment: Analysis, effects, remediation and policy solutions. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103421.	3.3	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.	1.3	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.	3.7	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.	2.0	19
108	Environmental risks associated with contaminants of legacy and emerging concern at European aquaculture areas. <i>Environmental Pollution</i> , 2019, 252, 1301-1310.	3.7	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.	3.9	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.	3.9	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.	3.9	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.	3.7	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.	3.9	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.	2.1	13
115	Comprehensive study of sulfamethoxazole effects in marine mussels: Bioconcentration, enzymatic activities and metabolomics. <i>Environmental Research</i> , 2019, 173, 12-22.	3.7	39
116	Halogenated and organophosphorus flame retardants in cetaceans from the southwestern Indian Ocean. <i>Chemosphere</i> , 2019, 226, 791-799.	4.2	51
117	Analysis and Prevention of Microplastics Pollution in Water: Current Perspectives and Future Directions. <i>ACS Omega</i> , 2019, 4, 6709-6719.	1.6	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.	1.9	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.	4.2	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.	3.9	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.	1.9	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.	5.8	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.	3.9	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.	3.9	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.	3.9	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.	5.3	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 4.2	4.2	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.	3.9	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.	3.9	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.	3.9	115
131	Fungal biodegradation of the N-nitrosodimethylamine precursors venlafaxine and O-desmethylvenlafaxine in water. <i>Environmental Pollution</i> , 2019, 246, 346-356.	3.7	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.	3.7	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.	3.9	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, .	2.6	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.	1.8	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.	3.9	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.	3.9	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.	3.9	82
139	Adsorption of perfluoroalkyl substances on microplastics under environmental conditions. <i>Environmental Pollution</i> , 2018, 235, 680-691.	3.7	220
140	Abundance of antibiotic resistance genes and bacterial community composition in wild freshwater fish species. <i>Chemosphere</i> , 2018, 196, 115-119.	4.2	59
141	Analysis of ibuprofen and its main metabolites in roots, shoots, and seeds of cowpea (<i>Vigna</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 1.9	1.9	19
142	Perfluoroalkyl phosphonic acids adsorption behaviour and removal by wastewater organisms. <i>Science of the Total Environment</i> , 2018, 636, 273-281.	3.9	5
143	Ecological and human exposure assessment to PBDEs in Adige River. <i>Environmental Research</i> , 2018, 164, 229-240.	3.7	11
144	Residue of insecticides in foodstuff and dietary exposure assessment of Brazilian citizens. <i>Food and Chemical Toxicology</i> , 2018, 115, 329-335.	1.8	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.	3.7	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.	3.9	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.	3.7	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.	4.2	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.	3.9	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.	3.9	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.	3.8	48
152	Ecotoxicological effects of carbon based nanomaterials in aquatic organisms. <i>Science of the Total Environment</i> , 2018, 619-620, 328-337.	3.9	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.	3.9	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.	1.8	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.	3.9	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.	1.8	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.	2.3	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.	4.8	41
159	Antidepressants in a changing ocean: Venlafaxine uptake and elimination in juvenile fish (<i>Argyrosomus</i>)	4.2	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.	3.9	43
161	Effects of human-driven water stress on river ecosystems: a meta-analysis. <i>Scientific Reports</i> , 2018, 8, 11462.	1.6	104
162	Fullerenes Influence the Toxicity of Organic Micro-Contaminants to River Biofilms. <i>Frontiers in Microbiology</i> , 2018, 9, 1426.	1.5	16

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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.	3.7	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.	6.5	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.	3.9	20
167	Influencing factors on the removal of pharmaceuticals from water with micro-grain activated carbon. <i>Water Research</i> , 2018, 144, 402-412.	5.3	59
168	Assessment and control of emerging micropollutants in water: Asian experiences. <i>Science of the Total Environment</i> , 2018, 644, 994.	3.9	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.	3.7	66
170	Analysis of multiclass antibiotic residues in urban wastewater in Tunisia. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2018, 10, 163-170.	1.7	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.	1.8	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.	3.9	180
173	Insecticide pyrethroids in liver of striped dolphin from the Mediterranean Sea. <i>Environmental Pollution</i> , 2017, 225, 346-353.	3.7	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.	3.9	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.	3.9	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.	1.8	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.	1.8	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.	3.2	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.	3.7	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.	1.8	52

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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.	4.2	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.	3.7	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.	5.8	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.	3.9	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.	3.9	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.	4.2	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.	3.9	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.	5.3	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.	5.3	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.	3.7	92
191	Bioavailability of classical and novel flame retardants: Effect of fullerene presence. <i>Science of the Total Environment</i> , 2016, 565, 299-305.	3.9	5
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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.	1.8	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.	1.8	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.	3.9	59

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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.	3.9	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.	2.9	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.	3.7	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.	3.9	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.	6.5	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.	6.5	84
206	Pesticides in the Ebro River basin: Occurrence and risk assessment. <i>Environmental Pollution</i> , 2016, 211, 414-424.	3.7	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.	1.7	46
208	Perfluoroalkyl substances in the Ebro and Guadalquivir river basins (Spain). <i>Science of the Total Environment</i> , 2016, 540, 191-199.	3.9	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.	1.8	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.	3.9	71
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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.	1.9	17
213	Degradation kinetics and pathways of three calcium channel blockers under UV irradiation. <i>Water Research</i> , 2015, 86, 9-16.	5.3	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.	3.9	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.	4.2	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.	4.2	78

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218	UV filters bioaccumulation in fish from Iberian river basins. <i>Science of the Total Environment</i> , 2015, 518-519, 518-525.	3.9	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.	5.3	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.	5.3	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.	5.3	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.	5.3	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.	4.8	134
224	Aerobic activated sludge transformation of methotrexate: Identification of biotransformation products. <i>Chemosphere</i> , 2015, 119, S42-S50.	4.2	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.	2.9	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.	3.9	149
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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.	3.9	76
229	Perfluoroalkyl substance contamination of the Llobregat River ecosystem (Mediterranean area, NE) Tj ETQq1 1 0.784314 rgBT /Overl	3.9	81
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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.	2.9	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.	3.9	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.	6.5	110

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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.	3.9	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.	3.9	131
238	Enantiomeric-selective determination of pyrethroids: application to human samples. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 779-786.	1.9	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.	6.5	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.	4.8	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.	3.9	76
242	Urban groundwater contamination by residues of UV filters. <i>Journal of Hazardous Materials</i> , 2014, 271, 141-149.	6.5	109
243	Occurrence of carbamazepine and five metabolites in an urban aquifer. <i>Chemosphere</i> , 2014, 115, 47-53.	4.2	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.	3.2	25
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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.	3.9	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.	3.9	86
248	Sample preservation for the analysis of antibiotics in water. <i>Journal of Chromatography A</i> , 2014, 1369, 43-51.	1.8	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.	1.6	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.	1.8	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.	2.4	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.	3.9	192

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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.	3.9	126
255	The in vitro interference of synthetic progestogens with carp steroidogenic enzymes. <i>Aquatic Toxicology</i> , 2014, 155, 314-321.	1.9	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.	3.9	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.	1.8	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.	2.3	133
259	Characterization of ciprofloxacin-resistant isolates from a wastewater treatment plant and its receiving river. <i>Water Research</i> , 2014, 61, 67-76.	5.3	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.	4.8	43
261	The persistent toxic substances in Korea: Environmental fates and human health. <i>Science of the Total Environment</i> , 2014, 470-471, 1337.	3.9	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.	4.2	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.	3.9	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.	6.5	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.	5.3	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.	3.9	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.	3.9	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.	3.9	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.	4.2	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.	1.9	76

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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.	3.9	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.	1.8	322
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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.	3.9	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.	1.8	39
277	Accumulation of perfluoroalkyl substances in human tissues. <i>Environment International</i> , 2013, 59, 354-362.	4.8	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.	3.7	347
279	Pollution in mediterranean-climate rivers. <i>Hydrobiologia</i> , 2013, 719, 427-450.	1.0	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.	4.2	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.	1.8	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.	2.9	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.	5.3	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.	1.8	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.	1.8	112
286	Illicit and abused drugs in sewage sludge: Method optimization and occurrence. <i>Journal of Chromatography A</i> , 2013, 1322, 29-37.	1.8	49
287	Liquid chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 5857-5858.	1.9	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.	2.9	48

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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.	1.8	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.	3.9	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.	3.9	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.	1.8	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.	1.8	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.	3.9	102
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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.	3.9	60
298	<i>Environmental Analysis</i> , 2013, , 389-410.		6
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304	Analysis of emerging contaminants in food. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 43, 240-253.	5.8	87
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308	Prioritization. <i>Comprehensive Analytical Chemistry</i> , 2013, 62, 71-90.	0.7	8
309	Methods for Elucidation of Transformation Pathways. <i>Comprehensive Analytical Chemistry</i> , 2013, 62, 593-610.	0.7	2
310	Fate and Occurrence of PhACs in the Terrestrial Environment. <i>Comprehensive Analytical Chemistry</i> , 2013, 62, 559-592.	0.7	0
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312	Analysis of Pharmaceutical Compounds in Biota. <i>Comprehensive Analytical Chemistry</i> , 2013, 62, 169-193.	0.7	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.	0.7	1
314	Comparison of PAH Levels and Sources in Pine Needles from Portugal, Spain, and Greece. <i>Analytical Letters</i> , 2012, 45, 508-525.	1.0	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.	3.9	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.	3.9	2
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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.	4.8	74
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338	Removal of sulfonamide antibiotics upon conventional activated sludge and advanced membrane bioreactor treatment. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1505-1515.	1.9	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.	1.9	123
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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.	2.3	34
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350	Analysis of perfluoroalkyl substances in waters from Germany and Spain. Science of the Total Environment, 2012, 431, 139-150.	3.9	125
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362	Biodegradation of sulfamethazine by <i>Trametes versicolor</i> : Removal from sewage sludge and identification of intermediate products by UPLC-QTOF-MS. <i>Science of the Total Environment</i> , 2011, 409, 5505-5512.	3.9	127
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364	Removal of estrogens through water disinfection processes and formation of by-products. <i>Chemosphere</i> , 2011, 82, 789-799.	4.2	99
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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.	4.2	101
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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.	1.9	28
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391	Analysis and occurrence of emerging brominated flame retardants in the Llobregat River basin. <i>Journal of Hydrology</i> , 2010, 383, 39-43.	2.3	46
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393	Primary and complex stressors in polluted mediterranean rivers: Pesticide effects on biological communities. <i>Journal of Hydrology</i> , 2010, 383, 52-61.	2.3	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.	2.3	166
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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.	2.3	77
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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.	5.8	118
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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.	1.8	60
403	Fate of Surfactants in Membrane Bioreactors and Conventional Activated Sludge Plants. <i>Environmental Science & Technology</i> , 2010, 44, 8223-8229.	4.6	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.	1.1	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.	1.1	20
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412	Triclosan persistence through wastewater treatment plants and its potential toxic effects on river biofilms. <i>Aquatic Toxicology</i> , 2010, 100, 346-353.	1.9	149
413	Characterization of intermediate products of solar photocatalytic degradation of ranitidine at pilot-scale. <i>Chemosphere</i> , 2010, 79, 368-376.	4.2	42
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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.	2.3	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.	0.7	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.	1.8	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.	5.8	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.	5.8	120
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