

Miren LÃ³pez de Alda

List of Publications by Year in descending order

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Version: 2024-02-01

215
papers

17,685
citations

7568

77
h-index

15732

125
g-index

219
all docs

219
docs citations

219
times ranked

14973
citing authors

#	ARTICLE	IF	CITATIONS
1	Fungal degradation of selected medium to highly polar pesticides by <i>Trametes versicolor</i> : kinetics, biodegradation pathways, and ecotoxicity of treated waters. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 439-449.	3.7	29
2	Evaluation of an outdoor pilot-scale tubular photobioreactor for removal of selected pesticides from water. <i>Science of the Total Environment</i> , 2022, 804, 150040.	8.0	8
3	UHPLC-HRMS data from non-targeted screening for biotransformation products of cytostatic drug imatinib. <i>Data in Brief</i> , 2022, 41, 107991.	1.0	0
4	QuEChERS-based analytical methods developed for LC-MS/MS multiresidue determination of pesticides in representative crop fatty matrices: Olives and sunflower seeds. <i>Food Chemistry</i> , 2022, 386, 132558.	8.2	15
5	Assessing population exposure to phthalate plasticizers in thirteen Spanish cities through the analysis of wastewater. <i>Journal of Hazardous Materials</i> , 2021, 401, 123272.	12.4	39
6	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
7	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
8	Evaluation of the occurrence and fate of pesticides in a typical Mediterranean delta ecosystem (Ebro) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	7.5	58
9	Remediation of bentazone contaminated water by <i>Trametes versicolor</i> : Characterization, identification of transformation products, and implementation in a trickle-bed reactor under non-sterile conditions. <i>Journal of Hazardous Materials</i> , 2021, 409, 124476.	12.4	11
10	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
11	Anthropogenic contaminants in freshwater from the northern Antarctic Peninsula region. <i>Ambio</i> , 2021, 50, 544-559.	5.5	21
12	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
13	The embodiment of wastewater data for the estimation of illicit drug consumption in Spain. <i>Science of the Total Environment</i> , 2021, 772, 144794.	8.0	31
14	Semi-industrial development of nutritious and healthy seafood dishes from sustainable species. <i>Food and Chemical Toxicology</i> , 2021, 155, 112431.	3.6	3
15	A novel workflow utilizing open-source software tools in the environmental fate studies: The example of imatinib biotransformation. <i>Science of the Total Environment</i> , 2021, 797, 149063.	8.0	3
16	Occurrence and risk assessment of pesticides in a Mediterranean Basin with strong agricultural pressure (Guadiana Basin: Southern of Portugal). <i>Science of the Total Environment</i> , 2021, 794, 148703.	8.0	20
17	Spatio-temporal assessment of illicit drug use at large scale: evidence from 7 years of international wastewater monitoring. <i>Addiction</i> , 2020, 115, 109-120.	3.3	154
18	Pharmaceuticals in a Mediterranean Basin: The influence of temporal and hydrological patterns in environmental risk assessment. <i>Science of the Total Environment</i> , 2020, 709, 136205.	8.0	55

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19	Assessing alcohol consumption through wastewater-based epidemiology: Spain as a case study. Drug and Alcohol Dependence, 2020, 215, 108241.	3.2	30
20	Improved fully automated method for the determination of medium to highly polar pesticides in surface and groundwater and application in two distinct agriculture-impacted areas.. Science of the Total Environment, 2020, 745, 140650.	8.0	16
21	The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): let™s cooperate!. Environmental Sciences Europe, 2020, 32, .	5.5	46
22	Microalgae-based bioremediation of water contaminated by pesticides in peri-urban agricultural areas. Environmental Pollution, 2020, 265, 114579.	7.5	51
23	First nation-wide estimation of tobacco consumption in Spain using wastewater-based epidemiology. Science of the Total Environment, 2020, 741, 140384.	8.0	24
24	Fungal bioremediation of diuron-contaminated waters: Evaluation of its degradation and the effect of amendable factors on its removal in a trickle-bed reactor under non-sterile conditions. Science of the Total Environment, 2020, 743, 140628.	8.0	26
25	Chlorination By-Products of Anticancer Drugs. , 2020, , 87-102.		0
26	Particle bound pollutants in rivers: Results from suspended sediment sampling in Globaqua River Basins. Science of the Total Environment, 2019, 647, 645-652.	8.0	77
27	Multiple stressor effects on biodiversity and ecosystem functioning in a Mediterranean temporary river. Science of the Total Environment, 2019, 647, 1179-1187.	8.0	52
28	Psychoactive substances in mussels: Analysis and occurrence assessment. Marine Pollution Bulletin, 2019, 146, 985-992.	5.0	27
29	Future water quality monitoring: improving the balance between exposure and toxicity assessments of real-world pollutant mixtures. Environmental Sciences Europe, 2019, 31, .	5.5	142
30	Assessing the effects of hydrological and chemical stressors on macroinvertebrate community in an Alpine river: The Adige River as a case study. River Research and Applications, 2019, 35, 78-87.	1.7	9
31	Fast analysis of relevant contaminants mixture in commercial shellfish. Talanta, 2019, 205, 119884.	5.5	29
32	Polluted water from an urban reservoir (Madn dam, Mxico) induces toxicity and oxidative stress in Cyprinus carpio embryos. Environmental Pollution, 2019, 251, 510-521.	7.5	24
33	The value of wastewater-based epidemiology in the estimation of alcohol consumption. Current Opinion in Environmental Science and Health, 2019, 9, 19-25.	4.1	13
34	Psychoactive pharmaceuticals and illicit drugs in coastal waters of North-Western Spain: Environmental exposure and risk assessment. Chemosphere, 2019, 224, 379-389.	8.2	63
35	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. Analytical and Bioanalytical Chemistry, 2019, 411, 7981-7996.	3.7	27
36	Analysis of 52 pesticides in fresh fish muscle by QuEChERS extraction followed by LC-MS/MS determination. Science of the Total Environment, 2019, 653, 958-967.	8.0	92

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37	Medium to highly polar pesticides in seawater: Analysis and fate in coastal areas of Catalonia (NE Tj ETQq1 1 0.784314 rgBT /Overloc	8.2	49
38	Strengthen the European collaborative environmental research to meet European policy goals for achieving a sustainable, non-toxic environment. Environmental Sciences Europe, 2019, 31, .	5.5	7
39	Determining the presence of chemicals with suspected endocrine activity in drinking water from the Madrid region (Spain) and assessment of their estrogenic, androgenic and thyroidal activities. Chemosphere, 2018, 201, 388-398.	8.2	44
40	Ecological and ecotoxicological responses in the assessment of the ecological status of freshwater systems: A case-study of the temporary stream Brejo of Cagarreo (South of Portugal). Science of the Total Environment, 2018, 634, 394-406.	8.0	20
41	Multi-year inter-laboratory exercises for the analysis of illicit drugs and metabolites in wastewater: Development of a quality control system. TrAC - Trends in Analytical Chemistry, 2018, 103, 34-43.	11.4	85
42	Study of pharmaceuticals in surface and wastewater from Cuernavaca, Morelos, Mexico: Occurrence and environmental risk assessment. Science of the Total Environment, 2018, 613-614, 1263-1274.	8.0	263
43	Simultaneous LCMS/MS determination of 40 legal and illegal psychoactive drugs in breast and bovine milk. Food Chemistry, 2018, 245, 159-167.	8.2	34
44	Does the presence of caffeine in the marine environment represent an environmental risk? A regional and global study. Science of the Total Environment, 2018, 615, 632-642.	8.0	69
45	A case study to identify priority cytostatic contaminants in hospital effluents. Chemosphere, 2018, 190, 417-430.	8.2	65
46	Aerobic activated sludge transformation of vincristine and identification of the transformation products. Science of the Total Environment, 2018, 610-611, 892-904.	8.0	24
47	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. Journal of Chromatography A, 2018, 1576, 80-89.	3.7	43
48	Analysis of Psychoactive Pharmaceuticals in Wastewater and Surface Water Using LC-MS. Comprehensive Analytical Chemistry, 2018, 79, 29-52.	1.3	5
49	Determination of metals and pharmaceutical compounds released in hospital wastewater from Toluca, Mexico, and evaluation of their toxic impact. Environmental Pollution, 2018, 240, 330-341.	7.5	66
50	Occurrence of pharmaceutical, recreational and psychotropic drug residues in surface water on the northern Antarctic Peninsula region. Environmental Pollution, 2017, 229, 241-254.	7.5	151
51	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. Science of the Total Environment, 2017, 609, 916-926.	8.0	84
52	Environmental analysis: Emerging pollutants. , 2017, , 451-477.		4
53	Biodegradability of the anticancer drug etoposide and identification of the transformation products. Environmental Science and Pollution Research, 2016, 23, 14706-14717.	5.3	7
54	Occurrence of drugs of abuse in surface water from four Spanish river basins: Spatial and temporal variations and environmental risk assessment. Journal of Hazardous Materials, 2016, 316, 134-142.	12.4	49

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55	Biomarkers of Morbid Obesity and Prediabetes by Metabolomic Profiling of Human Discordant Phenotypes. <i>Clinica Chimica Acta</i> , 2016, 463, 53-61.	1.1	71
56	Retention behavior of alkyl-substituted polycyclic aromatic sulfur heterocycles in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2016, 1461, 120-130.	3.7	11
57	Retention behavior of isomeric polycyclic aromatic sulfur heterocycles in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2016, 1461, 107-119.	3.7	17
58	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
59	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
60	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
61	Toxicity of the mixture of selected antineoplastic drugs against aquatic primary producers. <i>Environmental Science and Pollution Research</i> , 2016, 23, 14780-14790.	5.3	40
62	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
63	Presence of endocrine disruptors in freshwater in the northern Antarctic Peninsula region. <i>Environmental Research</i> , 2016, 147, 179-192.	7.5	52
64	Ozonation of hospital raw wastewaters for cytostatic compounds removal. Kinetic modelling and economic assessment of the process. <i>Science of the Total Environment</i> , 2016, 556, 70-79.	8.0	59
65	Drugs of abuse, cytostatic drugs and iodinated contrast media in tap water from the Madrid region (central Spain): A case study to analyse their occurrence and human health risk characterization. <i>Environment International</i> , 2016, 86, 107-118.	10.0	58
66	First inter-laboratory comparison exercise for the determination of anticancer drugs in aqueous samples. <i>Environmental Science and Pollution Research</i> , 2016, 23, 14692-14704.	5.3	8
67	Future water quality monitoring "Adapting tools to deal with mixtures of pollutants in water resource management. <i>Science of the Total Environment</i> , 2015, 512-513, 540-551.	8.0	243
68	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
69	Analysis and occurrence of endocrine-disrupting chemicals in airborne particles. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 66, 45-52.	11.4	54
70	Pharmaceuticals and iodinated contrast media in a hospital wastewater: A case study to analyse their presence and characterise their environmental risk and hazard. <i>Environmental Research</i> , 2015, 140, 225-241.	7.5	155
71	Occurrence and potential risk of currently used pesticides in sediments of the Alqueva reservoir (Guadiana Basin). <i>Environmental Science and Pollution Research</i> , 2015, 22, 7665-7675.	5.3	31
72	Elimination of drugs of abuse and their toxicity from natural waters by photo-Fenton treatment. <i>Science of the Total Environment</i> , 2015, 520, 198-205.	8.0	54

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73	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
74	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
75	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
76	Aerobic activated sludge transformation of methotrexate: Identification of biotransformation products. <i>Chemosphere</i> , 2015, 119, S42-S50.	8.2	24
77	Transcriptomic, biochemical and individual markers in transplanted <i>Daphnia magna</i> to characterize impacts in the field. <i>Science of the Total Environment</i> , 2015, 503-504, 200-212.	8.0	15
78	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
79	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
80	Pharmaceuticals and pesticides in reclaimed water: Efficiency assessment of a microfiltrationâ€“reverse osmosis (MFâ€“RO) pilot plant. <i>Journal of Hazardous Materials</i> , 2015, 282, 165-173.	12.4	110
81	Occurrence of drugs of abuse and benzodiazepines in river waters from the Madrid Region (Central) Tj ETQq1 1 0.784314 rgBT /Over	8.2	49
82	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
83	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
84	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
85	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
86	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
87	Drugs of abuse and benzodiazepines in the Madrid Region (Central Spain): Seasonal variation in river waters, occurrence in tap water and potential environmental and human risk. <i>Environment International</i> , 2014, 70, 76-87.	10.0	88
88	Hazards of the Endocrine Disruptors on Mulletts (<i>Chelon labrosus</i>) from the Basque Coast (Bay of Biscay) Applying a Biomarker Based Approach. <i>Cytologia</i> , 2014, 79, 517-533.	0.6	2
89	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
90	Development of a multiresidue method for analysis of pesticides in sediments based on isotope dilution and liquid chromatography-electrosprayâ€“tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1305, 176-187.	3.7	39

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91	On-line solid phase extractionâ€“liquid chromatographyâ€“tandem mass spectrometry for the determination of 17 cytostatics and metabolites in waste, surface and ground water samples. Journal of Chromatography A, 2013, 1280, 64-74.	3.7	107
92	Multianalyte determination of 24 cytostatics and metabolites by liquid chromatographyâ€“electrosprayâ€“tandem mass spectrometry and study of their stability and optimum storage conditions in aqueous solution. Talanta, 2013, 116, 290-299.	5.5	61
93	Illicit and abused drugs in sewage sludge: Method optimization and occurrence. Journal of Chromatography A, 2013, 1322, 29-37.	3.7	49
94	Endocrine disruption in thicklip grey mullet (Chelon labrosus) from the Urdaibai Biosphere Reserve (Bay of Biscay, Southwestern Europe). Science of the Total Environment, 2013, 443, 233-244.	8.0	42
95	Determination of 13 estrogenic endocrine disrupting compounds in atmospheric particulate matter by pressurised liquid extraction and liquid chromatography-tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2013, 405, 8913-8923.	3.7	36
96	Wastewater Reuse in the Llobregat: The Experience at the Prat de Llobregat Treatment Plant. Handbook of Environmental Chemistry, 2012, , 327-346.	0.4	2
97	Fate and Risks of Polar Pesticides in Groundwater Samples of Catalonia. Handbook of Environmental Chemistry, 2012, , 375-394.	0.4	3
98	Comparing illicit drug use in 19 European cities through sewage analysis. Science of the Total Environment, 2012, 432, 432-439.	8.0	416
99	Are pesticide residues associated to rice production affecting oyster production in Delta del Ebro, NE Spain?. Science of the Total Environment, 2012, 437, 209-218.	8.0	24
100	Drugs of abuse in surface and tap waters of the Tagus River basin: Heterogeneous photo-Fenton process is effective in their degradation. Environment International, 2012, 41, 35-43.	10.0	76
101	Emerging organic contaminants in groundwater in Spain: A review of sources, recent occurrence and fate in a European context. Science of the Total Environment, 2012, 440, 82-94.	8.0	321
102	Illicit Drugs and Metabolites in the Llobregat River Basin. Handbook of Environmental Chemistry, 2012, , 239-261.	0.4	3
103	Establishing potential links between the presence of alkylphenolic compounds and the benthic community in a European river basin. Environmental Science and Pollution Research, 2012, 19, 934-945.	5.3	8
104	New indexes for compound prioritization and complexity quantification on environmental monitoring inventories. Environmental Science and Pollution Research, 2012, 19, 958-970.	5.3	25
105	Assessing the effects of tertiary treated wastewater reuse on the presence emerging contaminants in a Mediterranean river (Llobregat, NE Spain). Environmental Science and Pollution Research, 2012, 19, 1000-1012.	5.3	51
106	Analysis of the occurrence and risk assessment of polar pesticides in the Llobregat River Basin (NE Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	8.2	77
107	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
108	Formation of diclofenac and sulfamethoxazole reversible transformation products in aquifer material under denitrifying conditions: Batch experiments. Science of the Total Environment, 2012, 426, 256-263.	8.0	72

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109	Drugs of abuse in urban groundwater. A case study: Barcelona. <i>Science of the Total Environment</i> , 2012, 424, 280-288.	8.0	66
110	Evaluation of drugs of abuse use and trends in a prison through wastewater analysis. <i>Environment International</i> , 2011, 37, 49-55.	10.0	135
111	Photolytic and photocatalytic transformation of methadone in aqueous solutions under solar irradiation: Kinetics, characterization of major intermediate products and toxicity evaluation. <i>Water Research</i> , 2011, 45, 4815-4826.	11.3	26
112	Combined scenarios of chemical and ecological quality under water scarcity in Mediterranean rivers. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 1269-1278.	11.4	91
113	Microcosm experiments to control anaerobic redox conditions when studying the fate of organic micropollutants in aquifer material. <i>Journal of Contaminant Hydrology</i> , 2011, 126, 330-345.	3.3	54
114	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
115	Cocaine and other illicit drugs in airborne particulates in urban environments: A reflection of social conduct and population size. <i>Environmental Pollution</i> , 2011, 159, 1241-1247.	7.5	33
116	Removal of estrogens through water disinfection processes and formation of by-products. <i>Chemosphere</i> , 2011, 82, 789-799.	8.2	99
117	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
118	Identification of new ozonation disinfection byproducts of 17 β -estradiol and estrone in water. <i>Chemosphere</i> , 2011, 84, 1535-1541.	8.2	45
119	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
120	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
121	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
122	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
123	Analysis and occurrence of selected medium to highly polar pesticides in groundwater of Catalonia (NE Spain): An approach based on on-line solid phase extractionâ€“liquid chromatographyâ€“electrospray-tandem mass spectrometry detection. <i>Journal of Hydrology</i> , 2010, 383, 83-92.	5.4	98
124	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
125	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
126	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

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127	Advanced monitoring of pharmaceuticals and estrogens in the Llobregat River basin (Spain) by liquid chromatographyâ€“triple quadrupole-tandem mass spectrometry in combination with ultra performance liquid chromatographyâ€“time of flight-mass spectrometry. <i>Chemosphere</i> , 2010, 80, 1337-1344.	8.2	112
128	Recent trends in the liquid chromatographyâ€“mass spectrometry analysis of organic contaminants in environmental samples. <i>Journal of Chromatography A</i> , 2010, 1217, 4004-4017.	3.7	216
129	Wastewater Reuse in the Mediterranean Area of Catalonia, Spain: Case Study of Reuse of Tertiary Effluent from a Wastewater Treatment Plant at el Prat de Llobregat (Barcelona). <i>Handbook of Environmental Chemistry</i> , 2010, , 249-294.	0.4	3
130	Pesticides at The Ebro River Delta: Occurrence and Toxicity in Water and Biota. <i>Handbook of Environmental Chemistry</i> , 2010, , 259-274.	0.4	2
131	An integrated study of endocrine disruptors in sediments and reproduction-related parameters in bivalve molluscs from the Biosphereâ€™s Reserve of Urdaibai (Bay of Biscay). <i>Marine Environmental Research</i> , 2010, 69, S63-S66.	2.5	20
132	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
133	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
134	Drugs of abuse in airborne particulates in urban environments. <i>Environment International</i> , 2010, 36, 527-534.	10.0	39
135	Evaluation of two aquatic passive sampling configurations for their suitability in the analysis of estrogens in water. <i>Talanta</i> , 2010, 83, 493-499.	5.5	12
136	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
137	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
138	Identification of disinfection byâ€“products of selected triazines in drinking water by LCâ€“ToFâ€“MS/MS and evaluation of their toxicity. <i>Journal of Mass Spectrometry</i> , 2009, 44, 330-337.	1.6	35
139	Liquid chromatographyâ€“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
140	Analysis of selected emerging contaminants in sewage sludge. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 1263-1275.	11.4	153
141	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
142	Fully Automated Analysis of Î²-Lactams in Bovine Milk by Online Solid Phase Extraction-Liquid Chromatography-Electrospray-Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2009, 81, 4285-4295.	6.5	91
143	Fate and removal of pharmaceuticals and illicit drugs in conventional and membrane bioreactor wastewater treatment plants and by riverbank filtration. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009, 367, 3979-4003.	3.4	140
144	Risk assessment of representative and priority pesticides, in surface water of the Alqueva reservoir (South of Portugal) using on-line solid phase extraction-liquid chromatography-tandem mass spectrometry. <i>Environment International</i> , 2009, 35, 545-551.	10.0	86

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145	Analysis of phytoestrogens, progestogens and estrogens in environmental waters from Rio de Janeiro (Brazil). <i>Environment International</i> , 2009, 35, 997-1003.	10.0	81
146	Effects of low concentrations of the phenylurea herbicide diuron on biofilm algae and bacteria. <i>Chemosphere</i> , 2009, 76, 1392-1401.	8.2	131
147	Occurrence and Fate of Pharmaceuticals and Illicit Drugs Under Water Scarcity. <i>Handbook of Environmental Chemistry</i> , 2009, , 197-228.	0.4	3
148	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
149	Biosensors for Environmental Monitoring at Global Scale and the EU Level. <i>Handbook of Environmental Chemistry</i> , 2009, , 1-32.	0.4	2
150	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
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