

Miren Lopez de Alda

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

216
papers

14,596
citations

71
h-index

114
g-index

218
ext. papers

15,968
ext. citations

7.3
avg, IF

6.56
L-index

#	Paper	IF	Citations
216	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	10.2	3
215	UHPLC-HRMS data from non-targeted screening for biotransformation products of cytostatic drug imatinib.. <i>Data in Brief</i> , 2022 , 41, 107991	1.2	
214	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	8.5	1
213	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> , 2021 , 1	4.4	5
212	The embodiment of wastewater data for the estimation of illicit drug consumption in Spain. <i>Science of the Total Environment</i> , 2021 , 772, 144794	10.2	7
211	Assessing population exposure to phthalate plasticizers in thirteen Spanish cities through the analysis of wastewater. <i>Journal of Hazardous Materials</i> , 2021 , 401, 123272	12.8	15
210	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	12.8	8
209	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	10.2	20
208	Evaluation of the occurrence and fate of pesticides in a typical Mediterranean delta ecosystem (Ebro River Delta) and risk assessment for aquatic organisms. <i>Environmental Pollution</i> , 2021 , 274, 115813	9.3	14
207	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	12.8	3
206	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	10.2	10
205	Anthropogenic contaminants in freshwater from the northern Antarctic Peninsula region. <i>Ambio</i> , 2021 , 50, 544-559	6.5	3
204	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	10.2	11
203	Semi-industrial development of nutritious and healthy seafood dishes from sustainable species. <i>Food and Chemical Toxicology</i> , 2021 , 155, 112431	4.7	1
202	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	10.2	1
201	Occurrence and risk assessment of pesticides in a Mediterranean Basin with strong agricultural pressure (Gadiana Basin: Southern of Portugal). <i>Science of the Total Environment</i> , 2021 , 794, 148703	10.2	5
200	The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): let's cooperate!. <i>Environmental Sciences Europe</i> , 2020 , 32,	5	12

199	Microalgae-based bioremediation of water contaminated by pesticides in peri-urban agricultural areas. <i>Environmental Pollution</i> , 2020 , 265, 114579	9.3	29
198	First nation-wide estimation of tobacco consumption in Spain using wastewater-based epidemiology. <i>Science of the Total Environment</i> , 2020 , 741, 140384	10.2	12
197	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. <i>Science of the Total Environment</i> , 2020 , 743, 140628	10.2	13
196	Chlorination By-Products of Anticancer Drugs 2020 , 87-102		
195	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	4.6	88
194	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	10.2	28
193	Assessing alcohol consumption through wastewater-based epidemiology: Spain as a case study. <i>Drug and Alcohol Dependence</i> , 2020 , 215, 108241	4.9	12
192	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. <i>Science of the Total Environment</i> , 2020 , 745, 140650	10.2	8
191	Assessing the effects of hydrological and chemical stressors on macroinvertebrate community in an Alpine river: The Adige River as a case study. <i>River Research and Applications</i> , 2019 , 35, 78-87	2.3	7
190	Fast analysis of relevant contaminants mixture in commercial shellfish. <i>Talanta</i> , 2019 , 205, 119884	6.2	17
189	Polluted water from an urban reservoir (Madb dam, Mxico) induces toxicity and oxidative stress in <i>Cyprinus carpio</i> embryos. <i>Environmental Pollution</i> , 2019 , 251, 510-521	9.3	15
188	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	8.1	8
187	Psychoactive pharmaceuticals and illicit drugs in coastal waters of North-Western Spain: Environmental exposure and risk assessment. <i>Chemosphere</i> , 2019 , 224, 379-389	8.4	36
186	Particle bound pollutants in rivers: Results from suspended sediment sampling in Globaqua River Basins. <i>Science of the Total Environment</i> , 2019 , 647, 645-652	10.2	45
185	Multiple stressor effects on biodiversity and ecosystem functioning in a Mediterranean temporary river. <i>Science of the Total Environment</i> , 2019 , 647, 1179-1187	10.2	29
184	Psychoactive substances in mussels: Analysis and occurrence assessment. <i>Marine Pollution Bulletin</i> , 2019 , 146, 985-992	6.7	14
183	Future water quality monitoring: improving the balance between exposure and toxicity assessments of real-world pollutant mixtures. <i>Environmental Sciences Europe</i> , 2019 , 31,	5	96
182	Strengthen the European collaborative environmental research to meet European policy goals for achieving a sustainable, non-toxic environment. <i>Environmental Sciences Europe</i> , 2019 , 31,	5	5

181	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	4.4	17
180	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	10.2	57
179	Medium to highly polar pesticides in seawater: Analysis and fate in coastal areas of Catalonia (NE Spain). <i>Chemosphere</i> , 2019 , 215, 515-523	8.4	29
178	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. <i>Chemosphere</i> , 2018 , 201, 388-398	8.4	29
177	Ecological and ecotoxicological responses in the assessment of the ecological status of freshwater systems: A case-study of the temporary stream Brejo of Cagarrõ (South of Portugal). <i>Science of the Total Environment</i> , 2018 , 634, 394-406	10.2	14
176	Multi-year inter-laboratory exercises for the analysis of illicit drugs and metabolites in wastewater: Development of a quality control system. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 103, 34-43	14.6	62
175	Study of pharmaceuticals in surface and wastewater from Cuernavaca, Morelos, Mexico: Occurrence and environmental risk assessment. <i>Science of the Total Environment</i> , 2018 , 613-614, 1263-1274	10.2	179
174	Simultaneous LC-MS/MS determination of 40 legal and illegal psychoactive drugs in breast and bovine milk. <i>Food Chemistry</i> , 2018 , 245, 159-167	8.5	23
173	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	10.2	44
172	A case study to identify priority cytostatic contaminants in hospital effluents. <i>Chemosphere</i> , 2018 , 190, 417-430	8.4	48
171	Aerobic activated sludge transformation of vincristine and identification of the transformation products. <i>Science of the Total Environment</i> , 2018 , 610-611, 892-904	10.2	18
170	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	9.3	40
169	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	4.5	32
168	Analysis of Psychoactive Pharmaceuticals in Wastewater and Surface Water Using LC-MS. <i>Comprehensive Analytical Chemistry</i> , 2018 , 79, 29-52	1.9	4
167	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	9.3	99
166	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	10.2	71
165	Environmental analysis: Emerging pollutants 2017 , 451-477		3
164	First inter-laboratory comparison exercise for the determination of anticancer drugs in aqueous samples. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 14692-704	5.1	6

163	Chemical and toxicological characterisation of anticancer drugs in hospital and municipal wastewaters from Slovenia and Spain. <i>Environmental Pollution</i> , 2016 , 219, 275-287	9.3	93
162	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	10.2	70
161	Toxicity of the mixture of selected antineoplastic drugs against aquatic primary producers. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 14780-90	5.1	33
160	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, 635-44	10.2	19
159	Presence of endocrine disruptors in freshwater in the northern Antarctic Peninsula region. <i>Environmental Research</i> , 2016 , 147, 179-92	7.9	36
158	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, 70-9	10.2	41
157	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, 107-18	12.9	42
156	Biodegradability of the anticancer drug etoposide and identification of the transformation products. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 14706-17	5.1	6
155	Occurrence of drugs of abuse in surface water from four Spanish river basins: Spatial and temporal variations and environmental risk assessment. <i>Journal of Hazardous Materials</i> , 2016 , 316, 134-42	12.8	35
154	Biomarkers of Morbid Obesity and Prediabetes by Metabolomic Profiling of Human Discordant Phenotypes. <i>Clinica Chimica Acta</i> , 2016 , 463, 53-61	6.2	55
153	Retention behavior of alkyl-substituted polycyclic aromatic sulfur heterocycles in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2016 , 1461, 120-30	4.5	10
152	Retention behavior of isomeric polycyclic aromatic sulfur heterocycles in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2016 , 1461, 107-19	4.5	13
151	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	7.9	314
150	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, 344-52	10.2	15
149	Analysis and occurrence of endocrine-disrupting chemicals in airborne particles. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 66, 45-52	14.6	39
148	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, 225-41	7.9	116
147	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, 7665-75	5.1	22
146	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	10.2	47

145	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	12.5	67
144	Degradation of the anticancer drug erlotinib during water chlorination: Non-targeted approach for the identification of transformation products. <i>Water Research</i> , 2015 , 85, 103-13	12.5	32
143	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	12.5	45
142	Aerobic activated sludge transformation of methotrexate: identification of biotransformation products. <i>Chemosphere</i> , 2015 , 119 Suppl, S42-50	8.4	22
141	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, 200-12	10.2	12
140	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	10.2	31
139	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	10.2	149
138	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, 165-73	12.8	87
137	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	10.2	198
136	Occurrence of drugs of abuse and benzodiazepines in river waters from the Madrid Region (Central Spain). <i>Chemosphere</i> , 2014 , 95, 247-55	8.4	40
135	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, 715-23	10.2	71
134	Four-year advanced monitoring program of polar pesticides in groundwater of Catalonia (NE-Spain). <i>Science of the Total Environment</i> , 2014 , 470-471, 1087-98	10.2	76
133	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, 93-9	4.5	45
132	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	10.2	105
131	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, 389-98	10.2	42
130	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	12.9	71
129	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	0.9	0
128	Occurrence and behavior of pesticides in wastewater treatment plants and their environmental impact. <i>Science of the Total Environment</i> , 2013 , 458-460, 466-76	10.2	232

127	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, 176-87	4.5	34
126	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	4.5	98
125	Multianalyte determination of 24 cytostatics and metabolites by liquid chromatography-electrospray-tandem mass spectrometry and study of their stability and optimum storage conditions in aqueous solution. <i>Talanta</i> , 2013 , 116, 290-9	6.2	59
124	Illicit and abused drugs in sewage sludge: method optimization and occurrence. <i>Journal of Chromatography A</i> , 2013 , 1322, 29-37	4.5	41
123	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, 233-44	10.2	35
122	Determination of 13 estrogenic endocrine disrupting compounds in atmospheric particulate matter by pressurised liquid extraction and liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 8913-23	4.4	29
121	Assessment of the effects of a marine urban outfall discharge on caged mussels using chemical and biomarker analysis. <i>Marine Pollution Bulletin</i> , 2012 , 64, 563-73	6.7	33
120	Formation of diclofenac and sulfamethoxazole reversible transformation products in aquifer material under denitrifying conditions: batch experiments. <i>Science of the Total Environment</i> , 2012 , 426, 256-63	10.2	61
119	Drugs of abuse in urban groundwater. A case study: Barcelona. <i>Science of the Total Environment</i> , 2012 , 424, 280-8	10.2	58
118	Fate and Risks of Polar Pesticides in Groundwater Samples of Catalonia. <i>Handbook of Environmental Chemistry</i> , 2012 , 375-394	0.8	2
117	Comparing illicit drug use in 19 European cities through sewage analysis. <i>Science of the Total Environment</i> , 2012 , 432, 432-9	10.2	353
116	Are pesticide residues associated to rice production affecting oyster production in Delta del Ebro, NE Spain?. <i>Science of the Total Environment</i> , 2012 , 437, 209-18	10.2	21
115	Drugs of abuse in surface and tap waters of the Tagus River basin: heterogeneous photo-Fenton process is effective in their degradation. <i>Environment International</i> , 2012 , 41, 35-43	12.9	67
114	Emerging organic contaminants in groundwater in Spain: a review of sources, recent occurrence and fate in a European context. <i>Science of the Total Environment</i> , 2012 , 440, 82-94	10.2	258
113	Illicit Drugs and Metabolites in the Llobregat River Basin. <i>Handbook of Environmental Chemistry</i> , 2012 , 239-261	0.8	3
112	Establishing potential links between the presence of alkylphenolic compounds and the benthic community in a European river basin. <i>Environmental Science and Pollution Research</i> , 2012 , 19, 934-45	5.1	8
111	New indexes for compound prioritization and complexity quantification on environmental monitoring inventories. <i>Environmental Science and Pollution Research</i> , 2012 , 19, 958-70	5.1	22
110	Assessing the effects of tertiary treated wastewater reuse on the presence emerging contaminants in a Mediterranean river (Llobregat, NE Spain). <i>Environmental Science and Pollution Research</i> , 2012 , 19, 1000-12	5.1	40

109	Analysis of the occurrence and risk assessment of polar pesticides in the Llobregat River Basin (NE Spain). <i>Chemosphere</i> , 2012 , 86, 8-16	8.4	64
108	Wastewater Reuse in the Llobregat: The Experience at the Prat de Llobregat Treatment Plant. <i>Handbook of Environmental Chemistry</i> , 2012 , 327-346	0.8	2
107	Occurrence of Illicit Drugs in Wastewater in Spain 2011 , 115-136		
106	Evaluation of drugs of abuse use and trends in a prison through wastewater analysis. <i>Environment International</i> , 2011 , 37, 49-55	12.9	107
105	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, 4815-26	12.5	24
104	Combined scenarios of chemical and ecological quality under water scarcity in Mediterranean rivers. <i>TrAC - Trends in Analytical Chemistry</i> , 2011 , 30, 1269-1278	14.6	82
103	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, 330-45	3.9	46
102	Illicit drug consumption estimations derived from wastewater analysis: a critical review. <i>Science of the Total Environment</i> , 2011 , 409, 3564-77	10.2	294
101	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, 1241-7	9.3	31
100	Removal of estrogens through water disinfection processes and formation of by-products. <i>Chemosphere</i> , 2011 , 82, 789-99	8.4	88
99	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, 670-8	8.4	67
98	Identification of new ozonation disinfection byproducts of 17 β -estradiol and estrone in water. <i>Chemosphere</i> , 2011 , 84, 1535-41	8.4	42
97	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, 1548-54	8.4	41
96	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 ^{21.8}	21.8	36
95	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	0.8	1
94	Pesticides at The Ebro River Delta: Occurrence and Toxicity in Water and Biota. <i>Handbook of Environmental Chemistry</i> , 2010 , 259-274	0.8	1
93	An integrated study of endocrine disruptors in sediments and reproduction-related parameters in bivalve molluscs from the Biosphere's Reserve of Urdaibai (Bay of Biscay). <i>Marine Environmental Research</i> , 2010 , 69 Suppl, S63-6	3.3	18
92	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, 142-9	3.3	19

91	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, 153-62	12.9	306
90	Drugs of abuse in airborne particulates in urban environments. <i>Environment International</i> , 2010 , 36, 527-34	3.9	36
89	Evaluation of two aquatic passive sampling configurations for their suitability in the analysis of estrogens in water. <i>Talanta</i> , 2010 , 83, 493-9	6.2	12
88	Fate of selected pesticides, estrogens, progestogens and volatile organic compounds during artificial aquifer recharge using surface waters. <i>Chemosphere</i> , 2010 , 79, 880-6	8.4	42
87	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	12.9	260
86	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, 1301-9	4.4	60
85	Assessing the estrogenic potency in a Portuguese wastewater treatment plant using an integrated approach. <i>Journal of Environmental Sciences</i> , 2010 , 22, 1613-22	6.4	22
84	Analysis and occurrence of selected medium to highly polar pesticides in groundwater of Catalonia (NE Spain): An approach based on on-line solid phase extraction-liquid chromatography-electrospray-tandem mass spectrometry detection. <i>Journal of Hydrology</i> , 2010 , 383, 83-92	6	87
83	Primary and complex stressors in polluted mediterranean rivers: Pesticide effects on biological communities. <i>Journal of Hydrology</i> , 2010 , 383, 52-61	6	130
82	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	6.10	44
81	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	6	79
80	Advanced monitoring of pharmaceuticals and estrogens in the Llobregat River basin (Spain) by liquid chromatography-triple quadrupole-tandem mass spectrometry in combination with ultra performance liquid chromatography-time of flight-mass spectrometry. <i>Chemosphere</i> , 2010 , 80, 1337-44	8.4	95
79	Recent trends in the liquid chromatography-mass spectrometry analysis of organic contaminants in environmental samples. <i>Journal of Chromatography A</i> , 2010 , 1217, 4004-17	4.5	187
78	Identification of disinfection by-products of selected triazines in drinking water by LC-Q-ToF-MS/MS and evaluation of their toxicity. <i>Journal of Mass Spectrometry</i> , 2009 , 44, 330-7	2.2	33
77	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, 520-9	4.5	94
76	Analysis of selected emerging contaminants in sewage sludge. <i>TrAC - Trends in Analytical Chemistry</i> , 2009 , 28, 1263-1275	14.6	133
75	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, 2706-14	3.8	155
74	Fully automated analysis of beta-lactams in bovine milk by online solid phase extraction-liquid chromatography-electrospray-tandem mass spectrometry. <i>Analytical Chemistry</i> , 2009 , 81, 4285-95	7.8	81

73	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	126
72	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, 545-51	12.9	76
71	Analysis of phytoestrogens, progestogens and estrogens in environmental waters from Rio de Janeiro (Brazil). <i>Environment International</i> , 2009 , 35, 997-1003	12.9	71
70	Effects of low concentrations of the phenylurea herbicide diuron on biofilm algae and bacteria. <i>Chemosphere</i> , 2009 , 76, 1392-401	8.4	110
69	Occurrence and Fate of Pharmaceuticals and Illicit Drugs Under Water Scarcity. <i>Handbook of Environmental Chemistry</i> , 2009 , 197-228	0.8	2
68	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, 4382-8	7.8	55
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