

# Mira Petrovic

## 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.

249  
papers

20,014  
citations

78  
h-index

136  
g-index

271  
ext. papers

21,624  
ext. citations

7.2  
avg, IF

7.04  
L-index

#	Paper	IF	Citations
249	Occurrence of veterinary drugs and resistance genes during anaerobic digestion of poultry and cattle manures.. <i>Science of the Total Environment</i> , <b>2022</b> , 153477	10.2	0
248	Pathways of organic micropollutants degradation in atmospheric pressure plasma processing - A review.. <i>Chemosphere</i> , <b>2022</b> , 294, 133606	8.4	1
247	Bioaccumulation and bioamplification of pharmaceuticals and endocrine disruptors in aquatic insects. <i>Science of the Total Environment</i> , <b>2022</b> , 838, 156208	10.2	1
246	Emission of (chlorinated) reclaimed water into a Mediterranean River and its related effects to the dissolved organic matter fingerprint. <i>Science of the Total Environment</i> , <b>2021</b> , 760, 143881	10.2	4
245	Aquatic Insects Transfer Pharmaceuticals and Endocrine Disruptors from Aquatic to Terrestrial Ecosystems. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 3736-3746	10.3	17
244	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> , <b>2021</b> , 754, 142344	10.2	20
243	Extended suspect screening to identify contaminants of emerging concern in riverine and coastal ecosystems and assessment of environmental risks. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 404, 124102	12.8	25
242	Identification of organic contaminants in vinasse and in soil and groundwater from fertigated sugarcane crop areas using target and suspect screening strategies. <i>Science of the Total Environment</i> , <b>2021</b> , 761, 143237	10.2	7
241	Fate of N-nitrosodimethylamine and its precursors during a wastewater reuse trial in the Llobregat River (Spain). <i>Journal of Hazardous Materials</i> , <b>2021</b> , 407, 124346	12.8	2
240	Groundwater antibiotic pollution and its relationship with dissolved organic matter: Identification and environmental implications. <i>Environmental Pollution</i> , <b>2021</b> , 289, 117927	9.3	10
239	Occurrence and assessment of environmental risks of endocrine disrupting compounds in drinking, surface and wastewaters in Serbia. <i>Environmental Pollution</i> , <b>2020</b> , 262, 114344	9.3	23
238	How do WWTPs operational parameters affect the removal rates of EU Watch list compounds?. <i>Science of the Total Environment</i> , <b>2020</b> , 714, 136773	10.2	7
237	Pharmaceuticals removal in an on-farm pig slurry treatment plant based on solid-liquid separation and nitrification-denitrification systems. <i>Waste Management</i> , <b>2020</b> , 102, 412-419	8.6	7
236	Aquatic macroinvertebrates under stress: Bioaccumulation of emerging contaminants and metabolomics implications. <i>Science of the Total Environment</i> , <b>2020</b> , 704, 135333	10.2	10
235	Wastewater-based epidemiology to assess human exposure to personal care and household products I A review of biomarkers, analytical methods, and applications. <i>Trends in Environmental Analytical Chemistry</i> , <b>2020</b> , 28, e0103	12	13
234	Pressurized Liquid Extraction (PLE) and QuEChERS evaluation for the analysis of antibiotics in agricultural soils. <i>MethodsX</i> , <b>2020</b> , 7, 101171	1.9	1
233	Management actions to mitigate the occurrence of pharmaceuticals in river networks in a global change context. <i>Environment International</i> , <b>2020</b> , 143, 105993	12.9	7

232	Fate of pharmaceuticals and antibiotic resistance genes in a full-scale on-farm livestock waste treatment plant. <i>Journal of Hazardous Materials</i> , <b>2019</b> , 378, 120716	12.8	32
231	Orbitrap molecular fingerprint of dissolved organic matter in natural waters and its relationship with NDMA formation potential. <i>Science of the Total Environment</i> , <b>2019</b> , 670, 1019-1027	10.2	23
230	Contamination patterns and attenuation of pharmaceuticals in a temporary Mediterranean river. <i>Science of the Total Environment</i> , <b>2019</b> , 647, 561-569	10.2	28
229	The EU watch list compounds in the Ebro delta region: Assessment of sources, river transport, and seasonal variations. <i>Environmental Pollution</i> , <b>2019</b> , 253, 606-615	9.3	14
228	Contaminants of emerging concern in freshwater fish from four Spanish Rivers. <i>Science of the Total Environment</i> , <b>2019</b> , 659, 1186-1198	10.2	54
227	Pharmaceuticals as chemical markers of wastewater contamination in the vulnerable area of the Ebro Delta (Spain). <i>Science of the Total Environment</i> , <b>2019</b> , 652, 952-963	10.2	80
226	Veterinary pharmaceuticals and antibiotics in manure and slurry and their fate in amended agricultural soils: Findings from an experimental field site (Baix Empordor, NE Catalonia). <i>Science of the Total Environment</i> , <b>2019</b> , 654, 1337-1349	10.2	57
225	A non-targeted high-resolution mass spectrometry data analysis of dissolved organic matter in wastewater treatment. <i>Chemosphere</i> , <b>2018</b> , 200, 397-404	8.4	29
224	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> , <b>2018</b> , 201, 388-398	8.4	29
223	Equilibrium and kinetic studies of the adsorption of antibiotics from aqueous solutions onto powdered zeolites. <i>Chemosphere</i> , <b>2018</b> , 205, 137-146	8.4	84
222	Extraction and cleansing of data for a non-targeted analysis of high-resolution mass spectrometry data of wastewater. <i>MethodsX</i> , <b>2018</b> , 5, 395-402	1.9	8
221	Development of an online SPE-UHPLC-MS/MS method for the multiresidue analysis of the 17 compounds from the EU "Watch list". <i>Analytical and Bioanalytical Chemistry</i> , <b>2018</b> , 410, 4165-4176	4.4	22
220	Effects of chronic pollution and water flow intermittency on stream biofilms biodegradation capacity. <i>Environmental Pollution</i> , <b>2018</b> , 233, 1131-1137	9.3	11
219	Towards the understanding of antibiotic occurrence and transport in groundwater: Findings from the Baix Fluvià alluvial aquifer (NE Catalonia, Spain). <i>Science of the Total Environment</i> , <b>2018</b> , 612, 1387-1406	10.2	112
218	Impact of urban chemical pollution on water quality in small, rural and effluent-dominated Mediterranean streams and rivers. <i>Science of the Total Environment</i> , <b>2018</b> , 613-614, 763-772	10.2	26
217	Occurrence et devenir des polluants émergents (antibiotiques) dans un aquifère alluvial et leur influence sur les bactéries multi-résistantes (Bas-Fluvià Catalogne). <i>Houille Blanche</i> , <b>2018</b> , 104, 47-52	0.3	
216	Multiresidue GC-MS/MS pesticide analysis for evaluation of tea and herbal infusion safety. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2018</b> , 98, 987-1004	1.8	10
215	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> , <b>2017</b> , 590-591, 484-494	10.2	77

214	River ecosystem processes: A synthesis of approaches, criteria of use and sensitivity to environmental stressors. <i>Science of the Total Environment</i> , <b>2017</b> , 596-597, 465-480	10.2	66
213	Development of a sensitive and robust online dual column liquid chromatography-tandem mass spectrometry method for the analysis of natural and synthetic estrogens and their conjugates in river water and wastewater. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 5427-5440	4.4	29
212	Removal of sulfamethoxazole by electrochemically activated sulfate: Implications of chloride addition. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 333, 242-249	12.8	54
211	Environmental analysis: Emerging pollutants <b>2017</b> , 451-477		3
210	Ecotoxicity of sediments in rivers: Invertebrate community, toxicity bioassays and the toxic unit approach as complementary assessment tools. <i>Science of the Total Environment</i> , <b>2016</b> , 540, 297-306	10.2	78
209	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> , <b>2016</b> , 540, 324-33	10.2	61
208	Shared effects of organic microcontaminants and environmental stressors on biofilms and invertebrates in impaired rivers. <i>Environmental Pollution</i> , <b>2016</b> , 210, 303-14	9.3	47
207	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> , <b>2016</b> , 158, 330-341	6.2	35
206	Presence of endocrine disruptors in freshwater in the northern Antarctic Peninsula region. <i>Environmental Research</i> , <b>2016</b> , 147, 179-92	7.9	36
205	Evaluation of emerging contaminants in a drinking water treatment plant using electro dialysis reversal technology. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 309, 192-201	12.8	56
204	Nutrients versus emerging contaminants-Or a dynamic match between subsidy and stress effects on stream biofilms. <i>Environmental Pollution</i> , <b>2016</b> , 212, 208-215	9.3	35
203	Multiple-stressor effects on river biofilms under different hydrological conditions. <i>Freshwater Biology</i> , <b>2016</b> , 61, 2102-2115	3.1	34
202	Attenuation of pharmaceuticals and their transformation products in a wastewater treatment plant and its receiving river ecosystem. <i>Water Research</i> , <b>2016</b> , 100, 126-136	12.5	66
201	Occurrence of pharmaceuticals and UV filters in swimming pools and spas. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 14431-41	5.1	38
200	Sulfate-mediated electrooxidation of X-ray contrast media on boron-doped diamond anode. <i>Water Research</i> , <b>2016</b> , 94, 128-135	12.5	37
199	Bquant - Novel script for batch quantification of LCMS data. <i>MethodsX</i> , <b>2016</b> , 3, 520-524	1.9	7
198	Evaluation of genotoxic potential throughout the upper and middle stretches of Adige river basin. <i>Science of the Total Environment</i> , <b>2016</b> , 571, 1383-91	10.2	20
197	Balancing the health benefits and environmental risks of pharmaceuticals: Diclofenac as an example. <i>Environment International</i> , <b>2015</b> , 85, 327-33	12.9	115

196	On-line sample extraction and purification for the LCMS determination of emerging contaminants in environmental samples. <i>Trends in Environmental Analytical Chemistry</i> , <b>2015</b> , 8, 27-37	12	35
195	Occurrence and in-stream attenuation of wastewater-derived pharmaceuticals in Iberian rivers. <i>Science of the Total Environment</i> , <b>2015</b> , 503-504, 133-41	10.2	83
194	Transcriptomic, biochemical and individual markers in transplanted <i>Daphnia magna</i> to characterize impacts in the field. <i>Science of the Total Environment</i> , <b>2015</b> , 503-504, 200-12	10.2	12
193	Occurrence and spatial distribution of EDCs and related compounds in waters and sediments of Iberian rivers. <i>Science of the Total Environment</i> , <b>2015</b> , 503-504, 69-86	10.2	119
192	Invertebrate community responses to emerging water pollutants in Iberian river basins. <i>Science of the Total Environment</i> , <b>2015</b> , 503-504, 142-50	10.2	27
191	Managing the effects of multiple stressors on aquatic ecosystems under water scarcity. The GLOBAQUA project. <i>Science of the Total Environment</i> , <b>2015</b> , 503-504, 3-9	10.2	128
190	Risk assessment based prioritization of 200 organic micropollutants in 4 Iberian rivers. <i>Science of the Total Environment</i> , <b>2015</b> , 503-504, 289-99	10.2	114
189	Licit and Illicit Drugs in Urban Wastewater in Cyprus. <i>Clean - Soil, Air, Water</i> , <b>2015</b> , 43, 1272-1278	1.6	10
188	Introduction on Emerging Contaminants in Rivers and Their Environmental Risk. <i>Handbook of Environmental Chemistry</i> , <b>2015</b> , 3-25	0.8	3
187	Contaminants of Emerging Concern in Mediterranean Watersheds. <i>Handbook of Environmental Chemistry</i> , <b>2015</b> , 27-45	0.8	1
186	Comparison of measured and predicted concentrations of selected pharmaceuticals in wastewater and surface water: a case study of a catchment area in the Po Valley (Italy). <i>Science of the Total Environment</i> , <b>2014</b> , 470-471, 844-54	10.2	109
185	Occurrence of carbamazepine and five metabolites in an urban aquifer. <i>Chemosphere</i> , <b>2014</b> , 115, 47-53	8.4	40
184	Determination of 81 pharmaceutical drugs by high performance liquid chromatography coupled to mass spectrometry with hybrid triple quadrupole-linear ion trap in different types of water in Serbia. <i>Science of the Total Environment</i> , <b>2014</b> , 468-469, 415-28	10.2	175
183	Proposed transformation pathway and evolution profile of diclofenac and ibuprofen transformation products during (sono)photocatalysis. <i>Applied Catalysis B: Environmental</i> , <b>2014</b> , 147, 1015-1027	21.8	102
182	Hospital wastewater treatment by fungal bioreactor: removal efficiency for pharmaceuticals and endocrine disruptor compounds. <i>Science of the Total Environment</i> , <b>2014</b> , 493, 365-76	10.2	143
181	Monitoring endocrine disrupting compounds and estrogenic activity in tap water from Central Spain. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 9297-310	5.1	34
180	Analysis and occurrence of endocrine-disrupting compounds and estrogenic activity in the surface waters of Central Spain. <i>Science of the Total Environment</i> , <b>2014</b> , 466-467, 939-51	10.2	130
179	Occurrence, distribution and partitioning of nonionic surfactants and pharmaceuticals in the urbanized Long Island Sound Estuary (NY). <i>Marine Pollution Bulletin</i> , <b>2014</b> , 85, 710-9	6.7	116

178	Analysis of anthelmintics in surface water by ultra high performance liquid chromatography coupled to quadrupole linear ion trap tandem mass spectrometry. <i>Chemosphere</i> , <b>2014</b> , 99, 224-32	8.4	50
177	A survey of emerging contaminants in the estuarine receiving environment around Auckland, New Zealand. <i>Science of the Total Environment</i> , <b>2014</b> , 468-469, 202-10	10.2	88
176	Analysis of endocrine disrupters and related compounds in sediments and sewage sludge using on-line turbulent flow chromatography-liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2014</b> , 1352, 29-37	4.5	51
175	Pollution-induced community tolerance to non-steroidal anti-inflammatory drugs (NSAIDs) in fluvial biofilm communities affected by WWTP effluents. <i>Chemosphere</i> , <b>2014</b> , 112, 185-93	8.4	57
174	Methodological challenges of multi-residue analysis of pharmaceuticals in environmental samples. <i>Trends in Environmental Analytical Chemistry</i> , <b>2014</b> , 1, e25-e33	12	37
173	Transformation Products of Emerging Contaminants: Analytical Challenges and Future Needs <b>2014</b> , 303-324		1
172	Evaluation of the phototransformation of the antiviral zanamivir in surface waters through identification of transformation products. <i>Journal of Hazardous Materials</i> , <b>2014</b> , 265, 296-304	12.8	20
171	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> , <b>2013</b> , 405, 5859-73	4.4	69
170	Light-induced catalytic transformation of ofloxacin by solar Fenton in various water matrices at a pilot plant: mineralization and characterization of major intermediate products. <i>Science of the Total Environment</i> , <b>2013</b> , 461-462, 39-48	10.2	54
169	Transformation products and reaction pathways of carbamazepine during photocatalytic and sonophotocatalytic treatment. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 263 Pt 1, 177-86	12.8	72
168	Is reproduction of the snail <i>Physella acuta</i> affected by endocrine disrupting compounds? An in situ bioassay in three Iberian basins. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 263 Pt 1, 248-55	12.8	19
167	Occurrence of 95 pharmaceuticals and transformation products in urban groundwaters underlying the metropolis of Barcelona, Spain. <i>Environmental Pollution</i> , <b>2013</b> , 174, 305-15	9.3	278
166	Pollution in mediterranean-climate rivers. <i>Hydrobiologia</i> , <b>2013</b> , 719, 427-450	2.4	23
165	Removal of selected pharmaceuticals from domestic wastewater in an activated sludge system followed by a horizontal subsurface flow bed - analysis of their respective contributions. <i>Science of the Total Environment</i> , <b>2013</b> , 454-455, 411-25	10.2	90
164	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> , <b>2013</b> , 75, 79-85	4.2	22
163	Environmental Analysis <b>2013</b> , 389-410		3
162	Multi-residue analytical method for the determination of endocrine disruptors and related compounds in river and waste water using dual column liquid chromatography switching system coupled to mass spectrometry. <i>Journal of Chromatography A</i> , <b>2013</b> , 1295, 57-66	4.5	98
161	Conclusions and Future Research Needs. <i>Comprehensive Analytical Chemistry</i> , <b>2013</b> , 62, 705-718	1.9	1

160	Prioritization: Selection of Environmentally Occurring Pharmaceuticals to Be Monitored. <i>Comprehensive Analytical Chemistry</i> , <b>2013</b> , 62, 71-90	1.9	4
159	Hospital effluent: investigation of the concentrations and distribution of pharmaceuticals and environmental risk assessment. <i>Science of the Total Environment</i> , <b>2012</b> , 430, 109-18	10.2	380
158	Solar photocatalytic treatment of trimethoprim in four environmental matrices at a pilot scale: transformation products and ecotoxicity evaluation. <i>Science of the Total Environment</i> , <b>2012</b> , 430, 167-73	10.2	67
157	Analysis, occurrence and fate of anthelmintics and their transformation products in the environment. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2012</b> , 31, 61-84	14.6	96
156	Tracing pharmaceuticals in a municipal plant for integrated wastewater and organic solid waste treatment. <i>Science of the Total Environment</i> , <b>2012</b> , 433, 352-61	10.2	71
155	Degradation of carbamazepine by <i>Trametes versicolor</i> in an air pulsed fluidized bed bioreactor and identification of intermediates. <i>Water Research</i> , <b>2012</b> , 46, 955-64	12.5	156
154	Direct analysis of pharmaceuticals, their metabolites and transformation products in environmental waters using on-line TurboFlow chromatography-liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2012</b> , 1252, 115-29	4.5	63
153	Pharmaceuticals in Drinking Water. <i>Handbook of Environmental Chemistry</i> , <b>2012</b> , 47-70	0.8	14
152	Micro-pollutants in Hospital Effluent: Their Fate, Risk and Treatment Options. <i>Handbook of Environmental Chemistry</i> , <b>2012</b> , 139-171	0.8	4
151	Bioaugmentation of sewage sludge with <i>Trametes versicolor</i> in solid-phase biopiles produces degradation of pharmaceuticals and affects microbial communities. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 12012-20	10.3	42
150	Removal of pharmaceuticals, polybrominated flame retardants and UV-filters from sludge by the fungus <i>Trametes versicolor</i> in bioslurry reactor. <i>Journal of Hazardous Materials</i> , <b>2012</b> , 233-234, 235-43	12.8	57
149	Characterization of Environmental Exposure: Measuring Versus Modeling. <i>Handbook of Environmental Chemistry</i> , <b>2012</b> , 25-46	0.8	
148	Occurrence and Elimination of Pharmaceuticals During Conventional Wastewater Treatment. <i>Handbook of Environmental Chemistry</i> , <b>2012</b> , 1-23	0.8	46
147	Monitoring release of pharmaceutical compounds: occurrence and environmental risk assessment of two WWTP effluents and their receiving bodies in the Po Valley, Italy. <i>Science of the Total Environment</i> , <b>2012</b> , 438, 15-25	10.2	251
146	Occurrence and distribution of multi-class pharmaceuticals and their active metabolites and transformation products in the Ebro river basin (NE Spain). <i>Science of the Total Environment</i> , <b>2012</b> , 440, 280-9	10.2	179
145	Achievements and future trends in the analysis of emerging organic contaminants in environmental samples by mass spectrometry and bioanalytical techniques. <i>Journal of Chromatography A</i> , <b>2012</b> , 1259, 86-99	4.5	108
144	Prioritization of chemicals in the aquatic environment based on risk assessment: analytical, modeling and regulatory perspective. <i>Science of the Total Environment</i> , <b>2012</b> , 440, 236-52	10.2	87
143	Occurrence of Persistent Organic Pollutants in the Llobregat River Basin: An Overview. <i>Handbook of Environmental Chemistry</i> , <b>2012</b> , 117-133	0.8	1

142	Inputs of Pharmaceuticals and Endocrine Disrupting Compounds in the Llobregat River Basin. <i>Handbook of Environmental Chemistry</i> , <b>2012</b> , 151-165	0.8	2
141	New indexes for compound prioritization and complexity quantification on environmental monitoring inventories. <i>Environmental Science and Pollution Research</i> , <b>2012</b> , 19, 958-70	5.1	22
140	Assessing and forecasting the impacts of global change on Mediterranean rivers. The SCARCE Consolider project on Iberian basins. <i>Environmental Science and Pollution Research</i> , <b>2012</b> , 19, 918-33	5.1	43
139	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> , <b>2012</b> , 19, 1000-12	5.1	40
138	Wastewater Reuse in the Llobregat: The Experience at the Prat de Llobregat Treatment Plant. <i>Handbook of Environmental Chemistry</i> , <b>2012</b> , 327-346	0.8	2
137	Photofate of oseltamivir (Tamiflu) and oseltamivir carboxylate under natural and simulated solar irradiation: kinetics, identification of the transformation products, and environmental occurrence. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 4307-14	10.3	51
136	Additives in the Leather Industry. <i>Handbook of Environmental Chemistry</i> , <b>2011</b> , 35-55	0.8	
135	Occurrence, partition and removal of pharmaceuticals in sewage water and sludge during wastewater treatment. <i>Water Research</i> , <b>2011</b> , 45, 1165-76	12.5	679
134	Development of a fast instrumental method for the analysis of pharmaceuticals in environmental and wastewaters based on ultra high performance liquid chromatography (UHPLC)-tandem mass spectrometry (MS/MS). <i>Chemosphere</i> , <b>2011</b> , 85, 1390-9	8.4	95
133	Combined scenarios of chemical and ecological quality under water scarcity in Mediterranean rivers. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2011</b> , 30, 1269-1278	14.6	82
132	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> , <b>2011</b> , 82, 670-8	8.4	67
131	Occurrence and distribution of pharmaceuticals in surface water, suspended solids and sediments of the Ebro river basin, Spain. <i>Chemosphere</i> , <b>2011</b> , 85, 1331-9	8.4	273
130	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> , <b>2011</b> , 85, 1548-54	8.4	41
129	Existence of Pharmaceutical Compounds in Tertiary Treated Urban Wastewater that is Utilized for Reuse Applications. <i>Water Resources Management</i> , <b>2011</b> , 25, 1183-1193	3.7	48
128	Solid-phase treatment with the fungus <i>Trametes versicolor</i> substantially reduces pharmaceutical concentrations and toxicity from sewage sludge. <i>Bioresource Technology</i> , <b>2011</b> , 102, 5602-8	11	59
127	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> , <b>2010</b> , 249-294	0.8	1
126	Sources, Occurrence, and Environmental Risk Assessment of Pharmaceuticals in the Ebro River Basin. <i>Handbook of Environmental Chemistry</i> , <b>2010</b> , 209-237	0.8	5
125	Fate of surfactants in membrane bioreactors and conventional activated sludge plants. <i>Environmental Science &amp; Technology</i> , <b>2010</b> , 44, 8223-9	10.3	9



124	Removal of pharmaceuticals during wastewater treatment and environmental risk assessment using hazard indexes. <i>Environment International</i> , <b>2010</b> , 36, 15-26	12.9	657
123	Second interlaboratory exercise on non-steroidal anti-inflammatory drug analysis in environmental aqueous samples. <i>Talanta</i> , <b>2010</b> , 81, 1189-96	6.2	41
122	Fully automated determination of 74 pharmaceuticals in environmental and waste waters by online solid phase extraction-liquid chromatography-electrospray-tandem mass spectrometry. <i>Talanta</i> , <b>2010</b> , 83, 410-24	6.2	174
121	Oxidation of atenolol, propranolol, carbamazepine and clofibric acid by a biological Fenton-like system mediated by the white-rot fungus <i>Trametes versicolor</i> . <i>Water Research</i> , <b>2010</b> , 44, 521-32	12.5	82
120	Characterization of intermediate products of solar photocatalytic degradation of ranitidine at pilot-scale. <i>Chemosphere</i> , <b>2010</b> , 79, 368-76	8.4	35
119	Trace analysis of antidepressants in environmental waters by molecularly imprinted polymer-based solid-phase extraction followed by ultra-performance liquid chromatography coupled to triple quadrupole mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2010</b> , 396, 825-37	4.4	49
118	Assessing the estrogenic potency in a Portuguese wastewater treatment plant using an integrated approach. <i>Journal of Environmental Sciences</i> , <b>2010</b> , 22, 1613-22	6.4	22
117	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> , <b>2010</b> , 383, 102-110	6.1	44
116	Hospital effluents as a source of emerging pollutants: An overview of micropollutants and sustainable treatment options. <i>Journal of Hydrology</i> , <b>2010</b> , 389, 416-428	6	530
115	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> , <b>2010</b> , 80, 1337-44	8.4	95
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