Mira Petrovic

List of Publications by Year in descending order

265 papers	23,715 citations	5268 83 h-index	8167 148 g-index
271 all docs	271 docs citations	271 times ranked	16663 citing authors

#	Article	IF	Citations
1	Occurrence of veterinary drugs and resistance genes during anaerobic digestion of poultry and cattle manures. Science of the Total Environment, 2022, 822, 153477.	8.0	8
2	Pathways of organic micropollutants degradation in atmospheric pressure plasma processing â€“ A review. Chemosphere, 2022, 294, 133606.	8.2	20
3	Bioaccumulation and bioamplification of pharmaceuticals and endocrine disruptors in aquatic insects. Science of the Total Environment, 2022, 838, 156208.	8.0	8
4	Applicability of an on-line solid-phase extraction liquid chromatography â€“ tandem mass spectrometry for the wastewater-based assessment of human exposure to chemicals from personal care and household products. Science of the Total Environment, 2022, 845, 157309.	8.0	6
5	Priority and emerging organic microcontaminants in three Mediterranean river basins: Occurrence, spatial distribution, and identification of river basin specific pollutants. Science of the Total Environment, 2021, 754, 142344.	8.0	42
6	Extended suspect screening to identify contaminants of emerging concern in riverine and coastal ecosystems and assessment of environmental risks. Journal of Hazardous Materials, 2021, 404, 124102.	12.4	44
7	Identification of organic contaminants in vinasse and in soil and groundwater from fertigated sugarcane crop areas using target and suspect screening strategies. Science of the Total Environment, 2021, 761, 143237.	8.0	16
8	Fate of N-nitrosodimethylamine and its precursors during a wastewater reuse trial in the Llobregat River (Spain). Journal of Hazardous Materials, 2021, 407, 124346.	12.4	13
9	Preface-Virtual Special Issue (VSI) of Methods X entitled: â€œAdvanced mass spectrometric analysis for environmental and food safetyâ€• MethodsX, 2021, 8, 101349.	1.6	0
10	Emission of (chlorinated) reclaimed water into a Mediterranean River and its related effects to the dissolved organic matter fingerprint. Science of the Total Environment, 2021, 760, 143881.	8.0	8
11	Aquatic Insects Transfer Pharmaceuticals and Endocrine Disruptors from Aquatic to Terrestrial Ecosystems. Environmental Science & Technology, 2021, 55, 3736-3746.	10.0	63
12	Groundwater antibiotic pollution and its relationship with dissolved organic matter: Identification and environmental implications. Environmental Pollution, 2021, 289, 117927.	7.5	28
13	Prediction of NDMA formation potential using non-target analysis data: a proof of concept. Environmental Science: Water Research and Technology, 2021, 7, 2255-2267.	2.4	0
14	Pharmaceuticals removal in an on-farm pig slurry treatment plant based on solid-liquid separation and nitrification-denitrification systems. Waste Management, 2020, 102, 412-419.	7.4	18
15	Aquatic macroinvertebrates under stress: Bioaccumulation of emerging contaminants and metabolomics implications. Science of the Total Environment, 2020, 704, 135333.	8.0	24
16	Wastewater-based epidemiology to assess human exposure to personal care and household products â€“ A review of biomarkers, analytical methods, and applications. Trends in Environmental Analytical Chemistry, 2020, 28, e00103.	10.3	24
17	Pressurized Liquid Extraction (PLE) and QuEChERS evaluation for the analysis of antibiotics in agricultural soils. MethodsX, 2020, 7, 101171.	1.6	11
18	Management actions to mitigate the occurrence of pharmaceuticals in river networks in a global change context. Environment International, 2020, 143, 105993.	10.0	19

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19	Occurrence and assessment of environmental risks of endocrine disrupting compounds in drinking, surface and wastewaters in Serbia. Environmental Pollution, 2020, 262, 114344.	7.5	55
20	How do WWTPs operational parameters affect the removal rates of EU Watch list compounds?. Science of the Total Environment, 2020, 714, 136773.	8.0	15
21	Contamination patterns and attenuation of pharmaceuticals in a temporary Mediterranean river. Science of the Total Environment, 2019, 647, 561-569.	8.0	45
22	The EU watch list compounds in the Ebro delta region: Assessment of sources, river transport, and seasonal variations. Environmental Pollution, 2019, 253, 606-615.	7.5	28
23	Fate of pharmaceuticals and antibiotic resistance genes in a full-scale on-farm livestock waste treatment plant. Journal of Hazardous Materials, 2019, 378, 120716.	12.4	61
24	Orbitrap molecular fingerprint of dissolved organic matter in natural waters and its relationship with NDMA formation potential. Science of the Total Environment, 2019, 670, 1019-1027.	8.0	32
25	Contaminants of emerging concern in freshwater fish from four Spanish Rivers. Science of the Total Environment, 2019, 659, 1186-1198.	8.0	101
26	Pharmaceuticals as chemical markers of wastewater contamination in the vulnerable area of the Ebro Delta (Spain). Science of the Total Environment, 2019, 652, 952-963.	8.0	121
27	Veterinary pharmaceuticals and antibiotics in manure and slurry and their fate in amended agricultural soils: Findings from an experimental field site (Baix EmpordÃ, NE Catalonia). Science of the Total Environment, 2019, 654, 1337-1349.	8.0	101
28	A non-targeted high-resolution mass spectrometry data analysis of dissolved organic matter in wastewater treatment. Chemosphere, 2018, 200, 397-404.	8.2	43
29	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
30	Equilibrium and kinetic studies of the adsorption of antibiotics from aqueous solutions onto powdered zeolites. Chemosphere, 2018, 205, 137-146.	8.2	130
31	Extraction and cleansing of data for a non-targeted analysis of high-resolution mass spectrometry data of wastewater. MethodsX, 2018, 5, 395-402.	1.6	11
32	Development of an online SPE-UHPLC-MS/MS method for the multiresidue analysis of the 17 compounds from the EU â€œWatch listâ€• Analytical and Bioanalytical Chemistry, 2018, 410, 4165-4176.	3.7	28
33	Effects of chronic pollution and water flow intermittency on stream biofilms biodegradation capacity. Environmental Pollution, 2018, 233, 1131-1137.	7.5	18
34	Towards the understanding of antibiotic occurrence and transport in groundwater: Findings from the Baix FluviÃ alluvial aquifer (NE Catalonia, Spain). Science of the Total Environment, 2018, 612, 1387-1406.	8.0	175
35	Impact of urban chemical pollution on water quality in small, rural and effluent-dominated Mediterranean streams and rivers. Science of the Total Environment, 2018, 613-614, 763-772.	8.0	43
36	Occurrence et devenir des polluants Ã©mergents (antibiotiques) dans un aquifÃ¨re alluvial et leur influence sur les bactÃ©ries multi-rÃ©sistantes (Bas-FluviÃ, Catalogne). Houille Blanche, 2018, 104, 47-52.	0.3	0

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37	Multiresidue GC-MS/MS pesticide analysis for evaluation of tea and herbal infusion safety. International Journal of Environmental Analytical Chemistry, 2018, 98, 987-1004.	3.3	16
38	Contamination sources and distribution patterns of pharmaceuticals and personal care products in Alpine rivers strongly affected by tourism. Science of the Total Environment, 2017, 590-591, 484-494.	8.0	115
39	River ecosystem processes: A synthesis of approaches, criteria of use and sensitivity to environmental stressors. Science of the Total Environment, 2017, 596-597, 465-480.	8.0	102
40	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. Analytical and Bioanalytical Chemistry, 2017, 409, 5427-5440.	3.7	40
41	Removal of sulfamethoxazole by electrochemically activated sulfate: Implications of chloride addition. Journal of Hazardous Materials, 2017, 333, 242-249.	12.4	79
42	Environmental analysis: Emerging pollutants. , 2017, , 451-477.		4
43	Multipleâ€stressor effects on river biofilms under different hydrological conditions. Freshwater Biology, 2016, 61, 2102-2115.	2.4	43
44	Attenuation of pharmaceuticals and their transformation products in a wastewater treatment plant and its receiving river ecosystem. Water Research, 2016, 100, 126-136.	11.3	86
45	Occurrence of pharmaceuticals and UV filters in swimming pools and spas. Environmental Science and Pollution Research, 2016, 23, 14431-14441.	5.3	46
46	Sulfate-mediated electrooxidation of X-ray contrast media on boron-doped diamond anode. Water Research, 2016, 94, 128-135.	11.3	50
47	Bquant â€“ Novel script for batch quantification of LCMS data. MethodsX, 2016, 3, 520-524.	1.6	7
48	Evaluation of genotoxic potential throughout the upper and middle stretches of Adige river basin. Science of the Total Environment, 2016, 571, 1383-1391.	8.0	22
49	Shared effects of organic microcontaminants and environmental stressors on biofilms and invertebrates in impaired rivers. Environmental Pollution, 2016, 210, 303-314.	7.5	63
50	Multiresidue trace analysis of pharmaceuticals, their human metabolites and transformation products by fully automated on-line solid-phase extraction-liquid chromatography-tandem mass spectrometry. Talanta, 2016, 158, 330-341.	5.5	43
51	Presence of endocrine disruptors in freshwater in the northern Antarctic Peninsula region. Environmental Research, 2016, 147, 179-192.	7.5	52
52	Evaluation of emerging contaminants in a drinking water treatment plant using electrodialysis reversal technology. Journal of Hazardous Materials, 2016, 309, 192-201.	12.4	76
53	Nutrients versus emerging contaminantsâ€“Or a dynamic match between subsidy and stress effects on stream biofilms. Environmental Pollution, 2016, 212, 208-215.	7.5	41
54	Ecotoxicity of sediments in rivers: Invertebrate community, toxicity bioassays and the toxic unit approach as complementary assessment tools. Science of the Total Environment, 2016, 540, 297-306.	8.0	102

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55	Ecotoxicological risk assessment of chemical pollution in four Iberian river basins and its relationship with the aquatic macroinvertebrate community status. Science of the Total Environment, 2016, 540, 324-333.	8.0	71
56	Licit and Illicit Drugs in Urban Wastewater in Cyprus. Clean - Soil, Air, Water, 2015, 43, 1272-1278.	1.1	14
57	Introduction on Emerging Contaminants in Rivers and Their Environmental Risk. Handbook of Environmental Chemistry, 2015, , 3-25.	0.4	9
58	Contaminants of Emerging Concern in Mediterranean Watersheds. Handbook of Environmental Chemistry, 2015, , 27-45.	0.4	1
59	Advances in LCâ€“MS/MS analysis of environmental and food samples. Analytical and Bioanalytical Chemistry, 2015, 407, 4227-4228.	3.7	4
60	Balancing the health benefits and environmental risks of pharmaceuticals: Diclofenac as an example. Environment International, 2015, 85, 327-333.	10.0	171
61	On-line sample extraction and purification for the LCâ€“MS determination of emerging contaminants in environmental samples. Trends in Environmental Analytical Chemistry, 2015, 8, 27-37.	10.3	41
62	Occurrence and in-stream attenuation of wastewater-derived pharmaceuticals in Iberian rivers. Science of the Total Environment, 2015, 503-504, 133-141.	8.0	99
63	Transcriptomic, biochemical and individual markers in transplanted Daphnia magna to characterize impacts in the field. Science of the Total Environment, 2015, 503-504, 200-212.	8.0	15
64	Occurrence and spatial distribution of EDCs and related compounds in waters and sediments of Iberian rivers. Science of the Total Environment, 2015, 503-504, 69-86.	8.0	146
65	Invertebrate community responses to emerging water pollutants in Iberian river basins. Science of the Total Environment, 2015, 503-504, 142-150.	8.0	34
66	Managing the effects of multiple stressors on aquatic ecosystems under water scarcity. The GLOBAQUA project. Science of the Total Environment, 2015, 503-504, 3-9.	8.0	161
67	Risk assessment based prioritization of 200 organic micropollutants in 4 Iberian rivers. Science of the Total Environment, 2015, 503-504, 289-299.	8.0	131
68	Evaluation of the phototransformation of the antiviral zanamivir in surface waters through identification of transformation products. Journal of Hazardous Materials, 2014, 265, 296-304.	12.4	23
69	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). Science of the Total Environment, 2014, 470-471, 844-854.	8.0	127
70	Occurrence of carbamazepine and five metabolites in an urban aquifer. Chemosphere, 2014, 115, 47-53.	8.2	44
71	Determination of 81 pharmaceutical drugs by high performance liquid chromatography coupled to mass spectrometry with hybrid triple quadrupoleâ€“linear ion trap in different types of water in Serbia. Science of the Total Environment, 2014, 468-469, 415-428.	8.0	221
72	Proposed transformation pathway and evolution profile of diclofenac and ibuprofen transformation products during (sono)photocatalysis. Applied Catalysis B: Environmental, 2014, 147, 1015-1027.	20.2	120

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73	Hospital wastewater treatment by fungal bioreactor: Removal efficiency for pharmaceuticals and endocrine disruptor compounds. Science of the Total Environment, 2014, 493, 365-376.	8.0	192
74	Monitoring endocrine disrupting compounds and estrogenic activity in tap water from Central Spain. Environmental Science and Pollution Research, 2014, 21, 9297-9310.	5.3	46
75	Analysis and occurrence of endocrine-disrupting compounds and estrogenic activity in the surface waters of Central Spain. Science of the Total Environment, 2014, 466-467, 939-951.	8.0	162
76	Occurrence, distribution and partitioning of nonionic surfactants and pharmaceuticals in the urbanized Long Island Sound Estuary (NY). Marine Pollution Bulletin, 2014, 85, 710-719.	5.0	133
77	Analysis of anthelmintics in surface water by ultra high performance liquid chromatography coupled to quadrupole linear ion trap tandem mass spectrometry. Chemosphere, 2014, 99, 224-232.	8.2	66
78	A survey of emerging contaminants in the estuarine receiving environment around Auckland, New Zealand. Science of the Total Environment, 2014, 468-469, 202-210.	8.0	99
79	Analysis of endocrine disrupters and related compounds in sediments and sewage sludge using on-line turbulent flow chromatographyâ€“liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2014, 1352, 29-37.	3.7	57
80	Pollution-induced community tolerance to non-steroidal anti-inflammatory drugs (NSAIDs) in fluvial biofilm communities affected by WWTP effluents. Chemosphere, 2014, 112, 185-193.	8.2	80
81	Methodological challenges of multi-residue analysis of pharmaceuticals in environmental samples. Trends in Environmental Analytical Chemistry, 2014, 1, e25-e33.	10.3	42
82	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. Analytical and Bioanalytical Chemistry, 2013, 405, 5859-5873.	3.7	76
83	Light-induced catalytic transformation of ofloxacin by solar Fenton in various water matrices at a pilot plant: Mineralization and characterization of major intermediate products. Science of the Total Environment, 2013, 461-462, 39-48.	8.0	74
84	Transformation products and reaction pathways of carbamazepine during photocatalytic and sonophotocatalytic treatment. Journal of Hazardous Materials, 2013, 263, 177-186.	12.4	84
85	Is reproduction of the snail Physella acuta affected by endocrine disrupting compounds? An in situ bioassay in three Iberian basins. Journal of Hazardous Materials, 2013, 263, 248-255.	12.4	20
86	Occurrence of 95 pharmaceuticals and transformation products in urban groundwaters underlying the metropolis of Barcelona, Spain. Environmental Pollution, 2013, 174, 305-315.	7.5	347
87	Pollution in mediterranean-climate rivers. Hydrobiologia, 2013, 719, 427-450.	2.0	28
88	Removal of selected pharmaceuticals from domestic wastewater in an activated sludge system followed by a horizontal subsurface flow bed â€" Analysis of their respective contributions. Science of the Total Environment, 2013, 454-455, 411-425.	8.0	109
89	Liquid chromatographyâ€“tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2013, 405, 5857-5858.	3.7	4
90	Continuous treatment of clofibric acid by Trametes versicolor in a fluidized bed bioreactor: Identification of transformation products and toxicity assessment. Biochemical Engineering Journal, 2013, 75, 79-85.	3.6	25

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91	Environmental Analysis. , 2013, , 389-410.		6
92	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. Journal of Chromatography A, 2013, 1295, 57-66.	3.7	115
93	Conclusions and Future Research Needs. Comprehensive Analytical Chemistry, 2013, 62, 705-718.	1.3	1
94	Prioritization. Comprehensive Analytical Chemistry, 2013, 62, 71-90.	1.3	8
95	Wastewater Reuse in the Llobregat: The Experience at the Prat de Llobregat Treatment Plant. Handbook of Environmental Chemistry, 2012, , 327-346.	0.4	2
96	Chapter 12. UHPLC-MS for Multi-residue Screening of Pharmaceuticals in Environmental Samples. RSC Chromatography Monographs, 2012, , 337-353.	0.1	0
97	Tracing pharmaceuticals in a municipal plant for integrated wastewater and organic solid waste treatment. Science of the Total Environment, 2012, 433, 352-361.	8.0	84
98	Degradation of carbamazepine by Trametes versicolor in an air pulsed fluidized bed bioreactor and identification of intermediates. Water Research, 2012, 46, 955-964.	11.3	178
99	Direct analysis of pharmaceuticals, their metabolites and transformation products in environmental waters using on-line TurboFlowâ„¢ chromatographyâ€“liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2012, 1252, 115-129.	3.7	66
100	Pharmaceuticals in Drinking Water. Handbook of Environmental Chemistry, 2012, , 47-70.	0.4	22
101	Micro-pollutants in Hospital Effluent: Their Fate, Risk and Treatment Options. Handbook of Environmental Chemistry, 2012, , 139-171.	0.4	6
102	Bioaugmentation of Sewage Sludge with Trametes versicolor in Solid-Phase Biopiles Produces Degradation of Pharmaceuticals and Affects Microbial Communities. Environmental Science & Technology, 2012, 46, 12012-12020.	10.0	50
103	Removal of pharmaceuticals, polybrominated flame retardants and UV-filters from sludge by the fungus Trametes versicolor in bioslurry reactor. Journal of Hazardous Materials, 2012, 233-234, 235-243.	12.4	70
104	Characterization of Environmental Exposure: Measuring Versus Modeling. Handbook of Environmental Chemistry, 2012, , 25-46.	0.4	0
105	Occurrence and Elimination of Pharmaceuticals During Conventional Wastewater Treatment. Handbook of Environmental Chemistry, 2012, , 1-23.	0.4	60
106	Monitoring release of pharmaceutical compounds: Occurrence and environmental risk assessment of two WWTP effluents and their receiving bodies in the Po Valley, Italy. Science of the Total Environment, 2012, 438, 15-25.	8.0	309
107	Occurrence and distribution of multi-class pharmaceuticals and their active metabolites and transformation products in the Ebro River basin (NE Spain). Science of the Total Environment, 2012, 440, 280-289.	8.0	197
108	Achievements and future trends in the analysis of emerging organic contaminants in environmental samples by mass spectrometry and bioanalytical techniques. Journal of Chromatography A, 2012, 1259, 86-99.	3.7	127

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109	Prioritization of chemicals in the aquatic environment based on risk assessment: Analytical, modeling and regulatory perspective. Science of the Total Environment, 2012, 440, 236-252.	8.0	99
110	Occurrence of Persistent Organic Pollutants in the Llobregat River Basin: An Overview. Handbook of Environmental Chemistry, 2012, , 117-133.	0.4	1
111	Inputs of Pharmaceuticals and Endocrine Disrupting Compounds in the Llobregat River Basin. Handbook of Environmental Chemistry, 2012, , 151-165.	0.4	2
112	New indexes for compound prioritization and complexity quantification on environmental monitoring inventories. Environmental Science and Pollution Research, 2012, 19, 958-970.	5.3	25
113	Assessing and forecasting the impacts of global change on Mediterranean rivers. The SCARCE Consolider project on Iberian basins. Environmental Science and Pollution Research, 2012, 19, 918-933.	5.3	46
114	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
115	Hospital effluent: Investigation of the concentrations and distribution of pharmaceuticals and environmental risk assessment. Science of the Total Environment, 2012, 430, 109-118.	8.0	475
116	Solar photocatalytic treatment of trimethoprim in four environmental matrices at a pilot scale: Transformation products and ecotoxicity evaluation. Science of the Total Environment, 2012, 430, 167-173.	8.0	83
117	Analysis, occurrence and fate of anthelmintics and their transformation products in the environment. TrAC - Trends in Analytical Chemistry, 2012, 31, 61-84.	11.4	126
118	Photofate of Oseltamivir (Tamiflu) and Oseltamivir Carboxylate under Natural and Simulated Solar Irradiation: Kinetics, Identification of the Transformation Products, and Environmental Occurrence. Environmental Science & Technology, 2011, 45, 4307-4314.	10.0	61
119	Additives in the Leather Industry. Handbook of Environmental Chemistry, 2011, , 35-55.	0.4	1
120	Occurrence, partition and removal of pharmaceuticals in sewage water and sludge during wastewater treatment. Water Research, 2011, 45, 1165-1176.	11.3	802
121	Development of a fast instrumental method for the analysis of pharmaceuticals in environmental and wastewaters based on ultra high performance liquid chromatography (UHPLC)â€“tandem mass spectrometry (MS/MS). Chemosphere, 2011, 85, 1390-1399.	8.2	107
122	Combined scenarios of chemical and ecological quality under water scarcity in Mediterranean rivers. TrAC - Trends in Analytical Chemistry, 2011, 30, 1269-1278.	11.4	91
123	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). Chemosphere, 2011, 82, 670-678.	8.2	80
124	Occurrence and distribution of pharmaceuticals in surface water, suspended solids and sediments of the Ebro river basin, Spain. Chemosphere, 2011, 85, 1331-1339.	8.2	320
125	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. Chemosphere, 2011, 85, 1548-1554.	8.2	46
126	Existence of Pharmaceutical Compounds in Tertiary Treated Urban Wastewater that is Utilized for Reuse Applications. Water Resources Management, 2011, 25, 1183-1193.	3.9	59

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127	Solid-phase treatment with the fungus Trametes versicolor substantially reduces pharmaceutical concentrations and toxicity from sewage sludge. Bioresource Technology, 2011, 102, 5602-5608.	9.6	69
128	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. Analytical and Bioanalytical Chemistry, 2010, 396, 825-837.	3.7	52
129	Tandem MS for environmental and food analysis. Analytical and Bioanalytical Chemistry, 2010, 398, 1143-1144.	3.7	2
130	Assessing the estrogenic potency in a Portuguese wastewater treatment plant using an integrated approach. Journal of Environmental Sciences, 2010, 22, 1613-1622.	6.1	28
131	Occurrence and fate of alkylphenol polyethoxylate degradation products and linear alkylbenzene sulfonate surfactants in urban ground water: Barcelona case study. Journal of Hydrology, 2010, 383, 102-110.	5.4	49
132	Hospital effluents as a source of emerging pollutants: An overview of micropollutants and sustainable treatment options. Journal of Hydrology, 2010, 389, 416-428.	5.4	635
133	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. Chemosphere, 2010, 80, 1337-1344.	8.2	112
134	Recent trends in the liquid chromatographyâ€“mass spectrometry analysis of organic contaminants in environmental samples. Journal of Chromatography A, 2010, 1217, 4004-4017.	3.7	216
135	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). Handbook of Environmental Chemistry, 2010, , 249-294.	0.4	3
136	Sources, Occurrence, and Environmental Risk Assessment of Pharmaceuticals in the Ebro River Basin. Handbook of Environmental Chemistry, 2010, , 209-237.	0.4	6
137	Fate of Surfactants in Membrane Bioreactors and Conventional Activated Sludge Plants. Environmental Science & Technology, 2010, 44, 8223-8229.	10.0	9
138	Removal of pharmaceuticals during wastewater treatment and environmental risk assessment using hazard indexes. Environment International, 2010, 36, 15-26.	10.0	747
139	Second interlaboratory exercise on non-steroidal anti-inflammatory drug analysis in environmental aqueous samples. Talanta, 2010, 81, 1189-1196.	5.5	45
140	Fully automated determination of 74 pharmaceuticals in environmental and waste waters by online solid phase extractionâ€“liquid chromatography-electrosprayâ€“tandem mass spectrometry. Talanta, 2010, 83, 410-424.	5.5	186
141	Oxidation of atenolol, propranolol, carbamazepine and clofibric acid by a biological Fenton-like system mediated by the white-rot fungus Trametes versicolor. Water Research, 2010, 44, 521-532.	11.3	94
142	Characterization of intermediate products of solar photocatalytic degradation of ranitidine at pilot-scale. Chemosphere, 2010, 79, 368-376.	8.2	42
143	Metabolism studies of diclofenac and clofibric acid in activated sludge bioreactors using liquid chromatography with quadrupole â€“ time-of-flight mass spectrometry. Journal of Hydrology, 2009, 372, 109-117.	5.4	64
144	Determination of pharmaceuticals in sewage sludge by pressurized liquid extraction (PLE) coupled to liquid chromatography-tandem mass spectrometry (LC-MS/MS). Analytical and Bioanalytical Chemistry, 2009, 393, 1685-1695.	3.7	153

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145	Complementary mass spectrometry and bioassays for evaluating pharmaceutical-transformation products in treatment of drinking water and wastewater. TrAC - Trends in Analytical Chemistry, 2009, 28, 562-580.	11.4	57
146	Analysis of selected emerging contaminants in sewage sludge. TrAC - Trends in Analytical Chemistry, 2009, 28, 1263-1275.	11.4	153
147	Solar photocatalytic degradation of persistent pharmaceuticals at pilot-scale: Kinetics and characterization of major intermediate products. Applied Catalysis B: Environmental, 2009, 89, 255-264.	20.2	145
148	Mobility, turnover and storage of pollutants in soils, sediments and waters: achievements and results of the EU project AquaTerra. A review. Agronomy for Sustainable Development, 2009, 29, 161-173.	5.3	34
149	Evidencing Generation of Persistent Ozonation Products of Antibiotics Roxithromycin and Trimethoprim. Environmental Science & Technology, 2009, 43, 6808-6815.	10.0	60
150	Fate and removal of pharmaceuticals and illicit drugs in conventional and membrane bioreactor wastewater treatment plants and by riverbank filtration. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2009, 367, 3979-4003.	3.4	140
151	Multi-residue method for trace level determination of pharmaceuticals in solid samples using pressurized liquid extraction followed by liquid chromatography/quadrupole-linear ion trap mass spectrometry. Talanta, 2009, 80, 363-371.	5.5	208
152	Fate and distribution of pharmaceuticals in wastewater and sewage sludge of the conventional activated sludge (CAS) and advanced membrane bioreactor (MBR) treatment. Water Research, 2009, 43, 831-841.	11.3	979
153	Occurrence and Fate of Pharmaceuticals and Illicit Drugs Under Water Scarcity. Handbook of Environmental Chemistry, 2009, , 197-228.	0.4	3
154	Tracing Pharmaceutical Residues of Different Therapeutic Classes in Environmental Waters by Using Liquid Chromatography/Quadrupole-Linear Ion Trap Mass Spectrometry and Automated Library Searching. Analytical Chemistry, 2009, 81, 898-912.	6.5	297
155	Assessment of the acute toxicity of triclosan and methyl triclosan in wastewater based on the bioluminescence inhibition of Vibrio fischeri. Analytical and Bioanalytical Chemistry, 2008, 390, 1999-2007.	3.7	80
156	Analysis of biologically active compounds in water by ultraâ€performance liquid chromatography quadrupole timeâ€ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2008, 22, 41-51.	1.5	69
157	Characterization and quantitative analysis of surfactants in textile wastewater by liquid chromatography/quadrupoleâ€timeâ€ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2008, 22, 1445-1454.	1.5	41
158	Trace level determination of Î²-blockers in waste waters by highly selective molecularly imprinted polymers extraction followed by liquid chromatographyâ€“quadrupole-linear ion trap mass spectrometry. Journal of Chromatography A, 2008, 1189, 374-384.	3.7	87
159	Identification and structural characterization of biodegradation products of atenolol and glibenclamide by liquid chromatography coupled to hybrid quadrupole time-of-flight and quadrupole ion trap mass spectrometry. Journal of Chromatography A, 2008, 1210, 142-153.	3.7	90
160	LC-MS2 extends to more analytes in food and the environment. TrAC - Trends in Analytical Chemistry, 2008, 27, 191-192.	11.4	1
161	Occurrence and fate of emerging wastewater contaminants in Western Balkan Region. Science of the Total Environment, 2008, 399, 66-77.	8.0	247
162	Analysis and occurrence of pharmaceuticals, estrogens, progestogens and polar pesticides in sewage treatment plant effluents, river water and drinking water in the Llobregat river basin (Barcelona,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	5.4	318

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