

Sara Rodriguez-Mozaz

List of Publications by Year in descending order

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Version: 2024-02-01

158
papers

14,108
citations

12330

69
h-index

20961

115
g-index

158
all docs

158
docs citations

158
times ranked

13184
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into removal of antibiotics by selected microalgae (<i>Chlamydomonas reinhardtii</i> , <i>Chlorella</i>) Tj ETQq1 1 0.784314 rgBT /Overlook 102560.	4.6	19
2	Unravelling the performance of UV/H ₂ O ₂ on the removal of pharmaceuticals in real industrial, hospital, grey and urban wastewaters. <i>Chemosphere</i> , 2022, 290, 133315.	8.2	17
3	Occurrence and accumulation of pharmaceutical products in water and biota of urban lowland rivers. <i>Science of the Total Environment</i> , 2022, 828, 154303.	8.0	23
4	Combining biological processes with UV/H ₂ O ₂ for metoprolol and metoprolol acid removal in hospital wastewater. <i>Chemical Engineering Journal</i> , 2021, 404, 126482.	12.7	32
5	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> , 2021, 404, 124102.	12.4	44
6	New insights on the combined removal of antibiotics and ARGs in urban wastewater through the use of two configurations of vertical subsurface flow constructed wetlands. <i>Science of the Total Environment</i> , 2021, 755, 142554.	8.0	64
7	Distribution of antibiotics in water, sediments and biofilm in an urban river (Córdoba, Argentina, LA). <i>Environmental Pollution</i> , 2021, 269, 116133.	7.5	58
8	Combining an effect-based methodology with chemical analysis for antibiotics determination in wastewater and receiving freshwater and marine environment. <i>Environmental Pollution</i> , 2021, 271, 116313.	7.5	29
9	Showcasing the potential of wastewater-based epidemiology to track pharmaceuticals consumption in cities: Comparison against prescription data collected at fine spatial resolution. <i>Environment International</i> , 2021, 150, 106404.	10.0	31
10	Microplastics as vectors of pharmaceuticals in aquatic organisms – An overview of their environmental implications. <i>Case Studies in Chemical and Environmental Engineering</i> , 2021, 3, 100079.	6.1	48
11	Prospects on coupling UV/H ₂ O ₂ with activated sludge or a fungal treatment for the removal of pharmaceutically active compounds in real hospital wastewater. <i>Science of the Total Environment</i> , 2021, 773, 145374.	8.0	29
12	(Xeno)metabolomics for the evaluation of aquatic organism's exposure to field contaminated water. <i>Trends in Environmental Analytical Chemistry</i> , 2021, 31, e00132.	10.3	10
13	A protocol for wide-scope non-target analysis of contaminants in small amounts of biota using bead beating tissue lyser extraction and LC-HRMS. <i>MethodsX</i> , 2021, 8, 101193.	1.6	8
14	Presence of pharmaceutical compounds, levels of biochemical biomarkers in seafood tissues and risk assessment for human health: Results from a case study in North-Western Spain. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 223, 10-21.	4.3	41
15	Fate of priority pharmaceuticals and their main metabolites and transformation products in microalgae-based wastewater treatment systems. <i>Journal of Hazardous Materials</i> , 2020, 390, 121771.	12.4	72
16	Wastewater-based epidemiology to assess human exposure to personal care and household products – A review of biomarkers, analytical methods, and applications. <i>Trends in Environmental Analytical Chemistry</i> , 2020, 28, e00103.	10.3	24
17	Sustainable microalgae-based technology for biotransformation of benzalkonium chloride in oil and gas produced water: A laboratory-scale study. <i>Science of the Total Environment</i> , 2020, 748, 141526.	8.0	10
18	Environmental Risk Assessment of Pharmaceuticals in Wastewater Treatment. <i>Handbook of Environmental Chemistry</i> , 2020, , 1-21.	0.4	0

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19	Microplastics in Mediterranean coastal area: toxicity and impact for the environment and human health. Trends in Environmental Analytical Chemistry, 2020, 27, e00090.	10.3	91
20	Diet quality and NSAIDs promote changes in formation of prostaglandins by an aquatic invertebrate. Chemosphere, 2020, 257, 126892.	8.2	2
21	Insights on the metabolization of the antidepressant venlafaxine by meagre (<i>Argyrosomus regius</i>) using a combined target and suspect screening approach. Science of the Total Environment, 2020, 737, 140226.	8.0	13
22	Environmental metabolomics and xenometabolomics for the assessment of exposure to contaminant mixtures. , 2020, , 283-310.		0
23	Effect-Based Identification of Hazardous Antibiotic Transformation Products after Water Chlorination. Environmental Science & Technology, 2020, 54, 9062-9073.	10.0	20
24	Antibiotic residues in final effluents of European wastewater treatment plants and their impact on the aquatic environment. Environment International, 2020, 140, 105733.	10.0	338
25	Tamoxifen: Occurrence, Fate, Transformation Products, and Non-Conventional Treatment Technologies. , 2020, , 71-86.		2
26	Metoprolol and metoprolol acid degradation in UV/H ₂ O ₂ treated wastewaters: An integrated screening approach for the identification of hazardous transformation products. Journal of Hazardous Materials, 2019, 380, 120851.	12.4	32
27	High-quality treated wastewater causes remarkable changes in natural microbial communities and <i>int1</i> gene abundance. Water Research, 2019, 167, 114895.	11.3	33
28	Exposure to single and binary mixtures of fullerenes and triclosan: Reproductive and behavioral effects in the freshwater snail <i>Radix balthica</i> . Environmental Research, 2019, 176, 108565.	7.5	9
29	Long-term continuous treatment of non-sterile real hospital wastewater by <i>Trametes versicolor</i> . Journal of Biological Engineering, 2019, 13, 47.	4.7	19
30	Human pharmaceuticals in three major fish species from the Uruguay River (South America) with different feeding habits. Environmental Pollution, 2019, 252, 146-154.	7.5	38
31	Spatial and temporal occurrence of pharmaceuticals in UK estuaries. Science of the Total Environment, 2019, 678, 74-84.	8.0	68
32	Exposure to a Subinhibitory Sulfonamide Concentration Promotes the Spread of Antibiotic Resistance in Marine Blue Mussels (<i>Mytilus edulis</i>). Environmental Science and Technology Letters, 2019, 6, 211-215.	8.7	7
33	Antibiotic resistance in European wastewater treatment plants mirrors the pattern of clinical antibiotic resistance prevalence. Science Advances, 2019, 5, eaau9124.	10.3	346
34	Comprehensive study of sulfamethoxazole effects in marine mussels: Bioconcentration, enzymatic activities and metabolomics. Environmental Research, 2019, 173, 12-22.	7.5	39
35	Contaminants of emerging concern in freshwater fish from four Spanish Rivers. Science of the Total Environment, 2019, 659, 1186-1198.	8.0	101
36	Fungal treatment of metoprolol and its recalcitrant metabolite metoprolol acid in hospital wastewater: Biotransformation, sorption and ecotoxicological impact. Water Research, 2019, 152, 171-180.	11.3	52

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37	Assessment of full-scale tertiary wastewater treatment by UV-C based-AOPs: Removal or persistence of antibiotics and antibiotic resistance genes?. <i>Science of the Total Environment</i> , 2019, 652, 1051-1061.	8.0	115
38	Fungal biodegradation of the N-nitrosodimethylamine precursors venlafaxine and O-desmethylvenlafaxine in water. <i>Environmental Pollution</i> , 2019, 246, 346-356.	7.5	18
39	Impact of fullerenes in the bioaccumulation and biotransformation of venlafaxine, diuron and triclosan in river biofilms. <i>Environmental Research</i> , 2019, 169, 377-386.	7.5	34
40	Differential behavioural responses to venlafaxine exposure route, warming and acidification in juvenile fish (<i>Argyrosomus regius</i>). <i>Science of the Total Environment</i> , 2018, 634, 1136-1147.	8.0	57
41	Presence of pharmaceuticals in fish collected from urban rivers in the U.S. EPA 2008-2009 National Rivers and Streams Assessment. <i>Science of the Total Environment</i> , 2018, 634, 542-549.	8.0	82
42	Abundance of antibiotic resistance genes and bacterial community composition in wild freshwater fish species. <i>Chemosphere</i> , 2018, 196, 115-119.	8.2	59
43	Rapid Analysis of Antibiotic Residues in Urban Wastewater of South Sfax WWTP by Ultra-High-Performance Liquid Chromatography Coupled to Quadrupole-Linear Ion Trap Tandem Mass Spectrometry. <i>Advances in Science, Technology and Innovation</i> , 2018, , 1131-1133.	0.4	0
44	Effects of water warming and acidification on bioconcentration, metabolization and depuration of pharmaceuticals and endocrine disrupting compounds in marine mussels (<i>Mytilus galloprovincialis</i>). <i>Environmental Pollution</i> , 2018, 236, 824-834.	7.5	72
45	Fluvial biofilms exposed to desiccation and pharmaceutical pollution: New insights using metabolomics. <i>Science of the Total Environment</i> , 2018, 618, 1382-1388.	8.0	22
46	Fate of pharmaceuticals and their transformation products in integrated membrane systems for wastewater reclamation. <i>Chemical Engineering Journal</i> , 2018, 331, 450-461.	12.7	59
47	The role of sorption processes in the removal of pharmaceuticals by fungal treatment of wastewater. <i>Science of the Total Environment</i> , 2018, 610-611, 1147-1153.	8.0	62
48	<i>Stropharia rugosoannulata</i> and <i>Gymnopilus luteofolius</i> : Promising fungal species for pharmaceutical biodegradation in contaminated water. <i>Journal of Environmental Management</i> , 2018, 207, 396-404.	7.8	48
49	Pharmaceuticals and endocrine disruptors in raw and cooked seafood from European market: Concentrations and human exposure levels. <i>Environment International</i> , 2018, 119, 570-581.	10.0	41
50	Antidepressants in a changing ocean: Venlafaxine uptake and elimination in juvenile fish (<i>Argyrosomus</i>) Tj ETQq0 0.0 µgBT /Oyerlock 10	8.2	22
51	Fullerenes Influence the Toxicity of Organic Micro-Contaminants to River Biofilms. <i>Frontiers in Microbiology</i> , 2018, 9, 1426.	3.5	16
52	Influencing factors on the removal of pharmaceuticals from water with micro-grain activated carbon. <i>Water Research</i> , 2018, 144, 402-412.	11.3	59
53	Analysis of multiclass antibiotic residues in urban wastewater in Tunisia. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2018, 10, 163-170.	2.9	48
54	An automated on-line turbulent flow liquid-chromatography technology coupled to a high resolution mass spectrometer LTQ-Orbitrap for suspect screening of antibiotic transformation products during microalgae wastewater treatment. <i>Journal of Chromatography A</i> , 2018, 1568, 57-68.	3.7	27

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55	Pharmaceuticals removal and microbial community assessment in a continuous fungal treatment of non-sterile real hospital wastewater after a coagulation-flocculation pretreatment. <i>Water Research</i> , 2017, 116, 65-75.	11.3	99
56	Performance of a microalgal photobioreactor treating toilet wastewater: Pharmaceutically active compound removal and biomass harvesting. <i>Science of the Total Environment</i> , 2017, 592, 1-11.	8.0	143
57	Preliminary assessment on the bioaccessibility of contaminants of emerging concern in raw and cooked seafood. <i>Food and Chemical Toxicology</i> , 2017, 104, 69-78.	3.6	53
58	Occurrence and Risks of Contrast Agents, Cytostatics, and Antibiotics in Hospital Effluents. <i>Handbook of Environmental Chemistry</i> , 2017, , 71-100.	0.4	6
59	River ecosystem processes: A synthesis of approaches, criteria of use and sensitivity to environmental stressors. <i>Science of the Total Environment</i> , 2017, 596-597, 465-480.	8.0	102
60	Multi-residue method for the determination of antibiotics and some of their metabolites in seafood. <i>Food and Chemical Toxicology</i> , 2017, 104, 3-13.	3.6	52
61	Fungal treatment for the removal of endocrine disrupting compounds from reverse osmosis concentrate: Identification and monitoring of transformation products of benzotriazoles. <i>Chemosphere</i> , 2017, 184, 1054-1070.	8.2	20
62	Full-Scale Plants for Dedicated Treatment of Hospital Effluents. <i>Handbook of Environmental Chemistry</i> , 2017, , 189-208.	0.4	6
63	Removal of Endocrine Disrupting Chemicals in Wastewater by Enzymatic Treatment with Fungal Laccases. <i>Organic Process Research and Development</i> , 2017, 21, 480-491.	2.7	74
64	Safety assessment of contaminants of emerging concern in seafood: Contributions of the ECsafeSEAFOOD project. <i>Food and Chemical Toxicology</i> , 2017, 104, 1-2.	3.6	4
65	Screening and prioritization of micropollutants in wastewaters from on-site sewage treatment facilities. <i>Journal of Hazardous Materials</i> , 2017, 328, 37-45.	12.4	79
66	Sewers as potential reservoirs of antibiotic resistance. <i>Science of the Total Environment</i> , 2017, 605-606, 1047-1054.	8.0	99
67	Elimination study of the chemotherapy drug tamoxifen by different advanced oxidation processes: Transformation products and toxicity assessment. <i>Chemosphere</i> , 2017, 168, 284-292.	8.2	46
68	Review of emerging contaminants in aquatic biota from Latin America: 2002-2016. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1716-1727.	4.3	51
69	Study of the effect of the bacterial and fungal communities present in real wastewater effluents on the performance of fungal treatments. <i>Science of the Total Environment</i> , 2017, 579, 366-377.	8.0	56
70	Pharmaceuticals in the Marine Environment. , 2017, , 268-316.		4
71	Generation of synthetic influent data to perform (micro)pollutant wastewater treatment modelling studies. <i>Science of the Total Environment</i> , 2016, 569-570, 278-290.	8.0	14
72	Anti-€ anxiety drugs and fish behavior: Establishing the link between internal concentrations of oxazepam and behavioral effects. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 2782-2790.	4.3	54

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73	Internal exposure dynamics drive the Adverse Outcome Pathways of synthetic glucocorticoids in fish. <i>Scientific Reports</i> , 2016, 6, 21978.	3.3	52
74	Attenuation of pharmaceuticals and their transformation products in a wastewater treatment plant and its receiving river ecosystem. <i>Water Research</i> , 2016, 100, 126-136.	11.3	86
75	Automatic High Frequency Monitoring for Improved Lake and Reservoir Management. <i>Environmental Science & Technology</i> , 2016, 50, 10780-10794.	10.0	104
76	Identification of markers of cancer in urban sewage through the use of a suspect screening approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 129, 571-580.	2.8	16
77	Removal of antibiotics in wastewater by enzymatic treatment with fungal laccase – Degradation of compounds does not always eliminate toxicity. <i>Bioresource Technology</i> , 2016, 219, 500-509.	9.6	142
78	Removal of pharmaceuticals from wastewater by fungal treatment and reduction of hazard quotients. <i>Science of the Total Environment</i> , 2016, 571, 909-915.	8.0	43
79	Effects of subinhibitory ciprofloxacin concentrations on the abundance of qnrS and composition of bacterial communities from water supply reservoirs. <i>Chemosphere</i> , 2016, 161, 470-474.	8.2	12
80	Multiresidue trace analysis of pharmaceuticals, their human metabolites and transformation products by fully automated on-line solid-phase extraction-liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2016, 158, 330-341.	5.5	43
81	Do pharmaceuticals bioaccumulate in marine molluscs and fish from a coastal lagoon?. <i>Environmental Research</i> , 2016, 146, 282-298.	7.5	117
82	Advanced oxidation of the antibiotic sulfapyridine by UV/H ₂ O ₂ : Characterization of its transformation products and ecotoxicological implications. <i>Chemosphere</i> , 2016, 147, 451-459.	8.2	35
83	Fungal treatment for the removal of antibiotics and antibiotic resistance genes in veterinary hospital wastewater. <i>Chemosphere</i> , 2016, 152, 301-308.	8.2	92
84	Bioaccumulation and bioconcentration of carbamazepine and other pharmaceuticals in fish under field and controlled laboratory experiments. Evidences of carbamazepine metabolization by fish. <i>Science of the Total Environment</i> , 2016, 557-558, 58-67.	8.0	117
85	UV/H ₂ O ₂ degradation of the antidepressants venlafaxine and O-desmethylvenlafaxine: Elucidation of their transformation pathway and environmental fate. <i>Journal of Hazardous Materials</i> , 2016, 311, 70-80.	12.4	46
86	Continuous fungal treatment of non-sterile veterinary hospital effluent: pharmaceuticals removal and microbial community assessment. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 2401-2415.	3.6	46
87	Occurrence and persistence of antibiotic resistance genes in river biofilms after wastewater inputs in small rivers. <i>Environmental Pollution</i> , 2016, 210, 121-128.	7.5	142
88	Suspect screening of emerging pollutants and their major transformation products in wastewaters treated with fungi by liquid chromatography coupled to a high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1439, 124-136.	3.7	32
89	Determination of a broad spectrum of pharmaceuticals and endocrine disruptors in biofilm from a waste water treatment plant-impacted river. <i>Science of the Total Environment</i> , 2016, 540, 241-249.	8.0	137
90	Bioaccumulation and trophic magnification of pharmaceuticals and endocrine disruptors in a Mediterranean river food web. <i>Science of the Total Environment</i> , 2016, 540, 250-259.	8.0	128

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91	Bioaccumulation of Emerging Contaminants in Aquatic Biota: Patterns of Pharmaceuticals in Mediterranean River Networks. Handbook of Environmental Chemistry, 2015, , 121-141.	0.4	5
92	Differential gene transcription, biochemical responses, and cytotoxicity assessment in Pacific oyster <i>Crassostrea gigas</i> exposed to ibuprofen. Environmental Science and Pollution Research, 2015, 22, 17375-17385.	5.3	26
93	Multi-residue method for the analysis of pharmaceuticals and some of their metabolites in bivalves. Talanta, 2015, 136, 174-182.	5.5	88
94	Biodegradation and reversible inhibitory impact of sulfamethoxazole on the utilization of volatile fatty acids during anaerobic treatment of pharmaceutical industry wastewater. Science of the Total Environment, 2015, 536, 667-674.	8.0	85
95	Photolysis of the antidepressants amisulpride and desipramine in wastewaters: Identification of transformation products formed and their fate. Science of the Total Environment, 2015, 530-531, 434-444.	8.0	23
96	Non conventional biological treatment based on <i>Trametes versicolor</i> for the elimination of recalcitrant anticancer drugs in hospital wastewater. Chemosphere, 2015, 136, 9-19.	8.2	72
97	Seasonal distribution of pharmaceuticals in marine water and sediment from a mediterranean coastal lagoon (SE Spain). Environmental Research, 2015, 138, 326-344.	7.5	183
98	Identification of new transformation products during enzymatic treatment of tetracycline and erythromycin antibiotics at laboratory scale by an on-line turbulent flow liquid-chromatography coupled to a high resolution mass spectrometer LTQ-Orbitrap. Chemosphere, 2015, 119, 90-98.	8.2	78
99	Microalgae cultivation on wastewater digestate: 17β -estradiol and 17α -ethynylestradiol degradation and transformation products identification. Journal of Environmental Management, 2015, 155, 106-113.	7.8	130
100	Ecosystem Responses to Emerging Contaminants: Fate and Effects of Pharmaceuticals in a Mediterranean River. Handbook of Environmental Chemistry, 2015, , 143-158.	0.4	0
101	Occurrence of pharmaceuticals and endocrine disrupting compounds in macroalgae, bivalves, and fish from coastal areas in Europe. Environmental Research, 2015, 143, 56-64.	7.5	206
102	Non-regulated environmental contaminants in seafood: Contributions of the ECsafeSEAFOOD EU project. Environmental Research, 2015, 143, 1-2.	7.5	33
103	Degradation of pharmaceuticals from membrane biological reactor sludge with <i>Trametes versicolor</i> . Environmental Sciences: Processes and Impacts, 2015, 17, 429-440.	3.5	28
104	Occurrence of antibiotics and antibiotic resistance genes in hospital and urban wastewaters and their impact on the receiving river. Water Research, 2015, 69, 234-242.	11.3	1,187
105	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
106	Effects of flow intermittency and pharmaceutical exposure on the structure and metabolism of stream biofilms. Science of the Total Environment, 2015, 503-504, 159-170.	8.0	76
107	Identification of some factors affecting pharmaceutical active compounds (PhACs) removal in real wastewater. Case study of fungal treatment of reverse osmosis concentrate. Journal of Hazardous Materials, 2015, 283, 663-671.	12.4	85
108	Impact of in-sewer transformation on 43 pharmaceuticals in a pressurized sewer under anaerobic conditions. Water Research, 2015, 68, 98-108.	11.3	115

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109	Pharmaceuticals and pesticides in reclaimed water: Efficiency assessment of a microfiltration-“reverse osmosis (MF-RO) pilot plant. <i>Journal of Hazardous Materials</i> , 2015, 282, 165-173.	12.4	110
110	Development of an extraction and purification method for the determination of multi-class pharmaceuticals and endocrine disruptors in freshwater invertebrates. <i>Talanta</i> , 2015, 132, 373-381.	5.5	73
111	Design and optimization of an enzymatic membrane reactor for tetracycline degradation. <i>Catalysis Today</i> , 2014, 236, 146-152.	4.4	107
112	Chemometrics quality assessment of wastewater treatment plant effluents using physicochemical parameters and UV absorption measurements. <i>Journal of Environmental Management</i> , 2014, 140, 33-44.	7.8	29
113	Sample preservation for the analysis of antibiotics in water. <i>Journal of Chromatography A</i> , 2014, 1369, 43-51.	3.7	39
114	Hospital wastewater treatment by fungal bioreactor: Removal efficiency for pharmaceuticals and endocrine disruptor compounds. <i>Science of the Total Environment</i> , 2014, 493, 365-376.	8.0	192
115	Characterization of metoprolol biodegradation and its transformation products generated in activated sludge batch experiments and in full scale WWTPs. <i>Water Research</i> , 2014, 63, 21-32.	11.3	98
116	Incidence of anticancer drugs in an aquatic urban system: From hospital effluents through urban wastewater to natural environment. <i>Environmental Pollution</i> , 2014, 193, 216-223.	7.5	164
117	Pharmaceuticals occurrence in a WWTP with significant industrial contribution and its input into the river system. <i>Environmental Pollution</i> , 2014, 185, 202-212.	7.5	187
118	Characterization of ciprofloxacin-resistant isolates from a wastewater treatment plant and its receiving river. <i>Water Research</i> , 2014, 61, 67-76.	11.3	85
119	Re-inoculation strategies enhance the degradation of emerging pollutants in fungal bioaugmentation of sewage sludge. <i>Bioresource Technology</i> , 2014, 168, 180-189.	9.6	43
120	Biodegradation of the X-ray contrast agent iopromide and the fluoroquinolone antibiotic ofloxacin by the white rot fungus <i>Trametes versicolor</i> in hospital wastewaters and identification of degradation products. <i>Water Research</i> , 2014, 60, 228-241.	11.3	95
121	Input of pharmaceuticals through coastal surface watercourses into a Mediterranean lagoon (Mar Tj ETQq1 1 0.784314 rgBT /Overlo	8.0	104
122	Pollution-induced community tolerance to non-steroidal anti-inflammatory drugs (NSAIDs) in fluvial biofilm communities affected by WWTP effluents. <i>Chemosphere</i> , 2014, 112, 185-193.	8.2	80
123	Rapid analysis of multiclass antibiotic residues and some of their metabolites in hospital, urban wastewater and river water by ultra-high-performance liquid chromatography coupled to quadrupole-linear ion trap tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1292, 173-188.	3.7	322
124	Chronic impact of tetracycline on the biodegradation of an organic substrate mixture under anaerobic conditions. <i>Water Research</i> , 2013, 47, 2959-2969.	11.3	176
125	Analysis of multi-class pharmaceuticals in fish tissues by ultra-high-performance liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1288, 63-72.	3.7	162
126	Degradation of pharmaceuticals in non-sterile urban wastewater by <i>Trametes versicolor</i> in a fluidized bed bioreactor. <i>Water Research</i> , 2013, 47, 5200-5210.	11.3	190

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127	Development of a liquid chromatography-tandem mass spectrometry procedure for determination of endocrine disrupting compounds in fish from Mediterranean rivers. <i>Journal of Chromatography A</i> , 2013, 1306, 44-58.	3.7	112
128	Effects on activated sludge bacterial community exposed to sulfamethoxazole. <i>Chemosphere</i> , 2013, 93, 99-106.	8.2	111
129	Exploring the links between antibiotic occurrence, antibiotic resistance, and bacterial communities in water supply reservoirs. <i>Science of the Total Environment</i> , 2013, 456-457, 161-170.	8.0	288
130	Development of a UPLC-MS/MS method for the determination of ten anticancer drugs in hospital and urban wastewaters, and its application for the screening of human metabolites assisted by information-dependent acquisition tool (IDA) in sewage samples. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 5937-5952.	3.7	123
131	Contribution of hospital effluents to the load of pharmaceuticals in urban wastewaters: Identification of ecologically relevant pharmaceuticals. <i>Science of the Total Environment</i> , 2013, 461-462, 302-316.	8.0	469
132	Analysis of Pharmaceutical Compounds in Biota. <i>Comprehensive Analytical Chemistry</i> , 2013, 62, 169-193.	1.3	6
133	Removal of emerging contaminants from municipal wastewater with an integrated membrane system, MBR-RO. <i>Journal of Hazardous Materials</i> , 2012, 239-240, 64-69.	12.4	222
134	Comprehensive study of ibuprofen and its metabolites in activated sludge batch experiments and aquatic environment. <i>Science of the Total Environment</i> , 2012, 438, 404-413.	8.0	161
135	Removal of ibuprofen and its transformation products: Experimental and simulation studies. <i>Science of the Total Environment</i> , 2012, 433, 296-301.	8.0	60
136	Fast and comprehensive multi-residue analysis of a broad range of human and veterinary pharmaceuticals and some of their metabolites in surface and treated waters by ultra-high-performance liquid chromatography coupled to quadrupole-linear ion trap tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1248, 104-121.	3.7	457
137	Pharmaceuticals in biota in the aquatic environment: analytical methods and environmental implications. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2611-2624.	3.7	126
138	Meeting Report: Pharmaceuticals in Water-An Interdisciplinary Approach to a Public Health Challenge. <i>Environmental Health Perspectives</i> , 2010, 118, 1016-1020.	6.0	62
139	Biosensors for Environmental Monitoring at Global Scale and the EU Level. <i>Handbook of Environmental Chemistry</i> , 2009, , 1-32.	0.4	2
140	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
141	Liquid Chromatography-Mass Spectrometry Methods for Analysis of Endocrine-Disrupting Chemicals in Wastewaters. <i>Handbook of Environmental Chemistry</i> , 2009, , 227-271.	0.4	4
142	Chapter 2.6 Analysis of steroid estrogens in the environment. <i>Comprehensive Analytical Chemistry</i> , 2007, 50, 219-264.	1.3	5
143	Advantages and limitations of on-line solid phase extraction coupled to liquid chromatography-mass spectrometry technologies versus biosensors for monitoring of emerging contaminants in water. <i>Journal of Chromatography A</i> , 2007, 1152, 97-115.	3.7	287
144	Fast and simultaneous monitoring of organic pollutants in a drinking water treatment plant by a multi-analyte biosensor followed by LC-MS validation. <i>Talanta</i> , 2006, 69, 377-384.	5.5	50

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145	An Optical Immunosensor for Pesticide Determination in Natural Waters. , 2006, , 481-489.		1
146	Biosensors as useful tools for environmental analysis and monitoring. Analytical and Bioanalytical Chemistry, 2006, 386, 1025-1041.	3.7	374
147	Screening water for pollutants. TrAC - Trends in Analytical Chemistry, 2005, 24, 165-169.	11.4	9
148	Automated Water Analyser Computer Supported System (AWACSS) Part I: Project objectives, basic technology, immunoassay development, software design and networking. Biosensors and Bioelectronics, 2005, 20, 1499-1508.	10.1	86
149	Automated Water Analyser Computer Supported System (AWACSS). Biosensors and Bioelectronics, 2005, 20, 1509-1519.	10.1	90
150	Analysis of bisphenol A in natural waters by means of an optical immunosensor. Water Research, 2005, 39, 5071-5079.	11.3	83
151	Biosensors for environmental monitoring A global perspective. Talanta, 2005, 65, 291-297.	5.5	194
152	Biosensors for unattended, cost-effective and continuous monitoring of environmental pollution: Automated Water Analyser Computer Supported System (AWACSS) and River Analyser (RIANA). International Journal of Environmental Analytical Chemistry, 2005, 85, 837-852.	3.3	11
153	Biosensors for environmental applications: Future development trends. Pure and Applied Chemistry, 2004, 76, 723-752.	1.9	199
154	Biosensors for environmental monitoring of endocrine disruptors: a review article. Analytical and Bioanalytical Chemistry, 2004, 378, 588-598.	3.7	141
155	Simultaneous multi-analyte determination of estrone, isoproturon and atrazine in natural waters by the River ANALyser (RIANA), an optical immunosensor. Biosensors and Bioelectronics, 2004, 19, 633-640.	10.1	120
156	Biosensors bring benefits. TrAC - Trends in Analytical Chemistry, 2004, 23, xi-xiii.	11.4	0
157	Monitoring of estrogens, pesticides and bisphenol A in natural waters and drinking water treatment plants by solid-phase extractionâ€“liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2004, 1045, 85-92.	3.7	349
158	Picogram per Liter Level Determination of Estrogens in Natural Waters and Waterworks by a Fully Automated On-Line Solid-Phase Extraction-Liquid Chromatography-Electrospray Tandem Mass Spectrometry Method. Analytical Chemistry, 2004, 76, 6998-7006.	6.5	161