

Sara Rodriguez-Mozaz

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8599696/sara-rodriguez-mozaz-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

155
papers

10,467
citations

60
h-index

99
g-index

158
ext. papers

12,236
ext. citations

8.3
avg, IF

6.51
L-index

#	Paper	IF	Citations
155	Occurrence and accumulation of pharmaceutical products in water and biota of urban lowland rivers.. <i>Science of the Total Environment</i> , 2022 , 154303	10.2	0
154	Insights into removal of antibiotics by selected microalgae (<i>Chlamydomonas reinhardtii</i> , <i>Chlorella sorokiniana</i> , <i>Dunaliella tertiolecta</i> and <i>Pseudokirchneriella subcapitata</i>). <i>Algal Research</i> , 2021 , 61, 102560	5	3
153	Unravelling the performance of UV/HO on the removal of pharmaceuticals in real industrial, hospital, grey and urban wastewaters.. <i>Chemosphere</i> , 2021 , 290, 133315	8.4	2
152	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	12.9	8
151	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	7.5	10
150	Prospects on coupling UV/HO 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	10.2	9
149	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	14.7	17
148	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	12.8	25
147	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	10.2	25
146	Distribution of antibiotics in water, sediments and biofilm in an urban river (Córdoba, Argentina, LA). <i>Environmental Pollution</i> , 2021 , 269, 116133	9.3	20
145	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, 116393	9.3	14
144	(Xeno)metabolomics for the evaluation of aquatic organism exposure to field contaminated water. <i>Trends in Environmental Analytical Chemistry</i> , 2021 , 31, e00132	12	4
143	A protocol for wide-scope non-target analysis of contaminants in small amounts of biota using bead beating tissuelyser extraction and LC-HRMS. <i>MethodsX</i> , 2021 , 8, 101193	1.9	0
142	Microplastics in Mediterranean coastal area: toxicity and impact for the environment and human health. <i>Trends in Environmental Analytical Chemistry</i> , 2020 , 27, e00090	12	50
141	Diet quality and NSAIDs promote changes in formation of prostaglandins by an aquatic invertebrate. <i>Chemosphere</i> , 2020 , 257, 126892	8.4	1
140	Insights on the metabolization of the antidepressant venlafaxine by meagre (<i>Argyrosomus regius</i>) using a combined target and suspect screening approach. <i>Science of the Total Environment</i> , 2020 , 737, 140226	10.2	11
139	Environmental metabolomics and xenometabolomics for the assessment of exposure to contaminant mixtures 2020 , 283-310		

138	Effect-Based Identification of Hazardous Antibiotic Transformation Products after Water Chlorination. <i>Environmental Science & Technology</i> , 2020 , 54, 9062-9073	10.3	7
137	Antibiotic residues in final effluents of European wastewater treatment plants and their impact on the aquatic environment. <i>Environment International</i> , 2020 , 140, 105733	12.9	124
136	Tamoxifen: Occurrence, Fate, Transformation Products, and Non-Conventional Treatment Technologies 2020 , 71-86		
135	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	6.9	26
134	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	12.8	36
133	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> , 2020 , 28, e00103	12	13
132	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	10.2	6
131	Environmental Risk Assessment of Pharmaceuticals in Wastewater Treatment. <i>Handbook of Environmental Chemistry</i> , 2020 , 1-21	0.8	
130	Long-term continuous treatment of non-sterile real hospital wastewater by. <i>Journal of Biological Engineering</i> , 2019 , 13, 47	6.3	12
129	Human pharmaceuticals in three major fish species from the Uruguay River (South America) with different feeding habits. <i>Environmental Pollution</i> , 2019 , 252, 146-154	9.3	20
128	Spatial and temporal occurrence of pharmaceuticals in UK estuaries. <i>Science of the Total Environment</i> , 2019 , 678, 74-84	10.2	37
127	Exposure to a Subinhibitory Sulfonamide Concentration Promotes the Spread of Antibiotic Resistance in Marine Blue Mussels (<i>Mytilus edulis</i>). <i>Environmental Science and Technology Letters</i> , 2019 , 6, 211-215	11	4
126	Antibiotic resistance in European wastewater treatment plants mirrors the pattern of clinical antibiotic resistance prevalence. <i>Science Advances</i> , 2019 , 5, eaau9124	14.3	184
125	Comprehensive study of sulfamethoxazole effects in marine mussels: Bioconcentration, enzymatic activities and metabolomics. <i>Environmental Research</i> , 2019 , 173, 12-22	7.9	17
124	Metoprolol and metoprolol acid degradation in UV/HO treated wastewaters: An integrated screening approach for the identification of hazardous transformation products. <i>Journal of Hazardous Materials</i> , 2019 , 380, 120851	12.8	23
123	High-quality treated wastewater causes remarkable changes in natural microbial communities and intl1 gene abundance. <i>Water Research</i> , 2019 , 167, 114895	12.5	23
122	Exposure to single and binary mixtures of fullerenes and triclosan: Reproductive and behavioral effects in the freshwater snail <i>Radix balthica</i> . <i>Environmental Research</i> , 2019 , 176, 108565	7.9	7
121	Contaminants of emerging concern in freshwater fish from four Spanish Rivers. <i>Science of the Total Environment</i> , 2019 , 659, 1186-1198	10.2	54

120	Fungal treatment of metoprolol and its recalcitrant metabolite metoprolol acid in hospital wastewater: Biotransformation, sorption and ecotoxicological impact. <i>Water Research</i> , 2019 , 152, 171-180	12.5	33
119	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	10.2	70
118	Fungal biodegradation of the N-nitrosodimethylamine precursors venlafaxine and O-desmethylvenlafaxine in water. <i>Environmental Pollution</i> , 2019 , 246, 346-356	9.3	11
117	Impact of fullerenes in the bioaccumulation and biotransformation of venlafaxine, diuron and triclosan in river biofilms. <i>Environmental Research</i> , 2019 , 169, 377-386	7.9	15
116	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	10.2	39
115	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	10.2	56
114	Abundance of antibiotic resistance genes and bacterial community composition in wild freshwater fish species. <i>Chemosphere</i> , 2018 , 196, 115-119	8.4	39
113	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	0.3	
112	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	9.3	49
111	Fluvial biofilms exposed to desiccation and pharmaceutical pollution: New insights using metabolomics. <i>Science of the Total Environment</i> , 2018 , 618, 1382-1388	10.2	12
110	Fate of pharmaceuticals and their transformation products in integrated membrane systems for wastewater reclamation. <i>Chemical Engineering Journal</i> , 2018 , 331, 450-461	14.7	43
109	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	10.2	53
108	Fullerenes Influence the Toxicity of Organic Micro-Contaminants to River Biofilms. <i>Frontiers in Microbiology</i> , 2018 , 9, 1426	5.7	11
107	Influencing factors on the removal of pharmaceuticals from water with micro-grain activated carbon. <i>Water Research</i> , 2018 , 144, 402-412	12.5	38
106	Analysis of multiclass antibiotic residues in urban wastewater in Tunisia. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2018 , 10, 163-170	3.3	38
105	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	4.5	25
104	<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	7.9	35
103	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	12.9	29

102	Antidepressants in a changing ocean: Venlafaxine uptake and elimination in juvenile fish (<i>Argyrosomus regius</i>) exposed to warming and acidification conditions. <i>Chemosphere</i> , 2018 , 209, 286-297	8.4	16
101	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	12.5	74
100	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	10.2	103
99	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	4.7	38
98	Occurrence and Risks of Contrast Agents, Cytostatics, and Antibiotics in Hospital Effluents. <i>Handbook of Environmental Chemistry</i> , 2017 , 71-100	0.8	5
97	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	10.2	66
96	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	4.7	37
95	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	8.4	15
94	Full-Scale Plants for Dedicated Treatment of Hospital Effluents. <i>Handbook of Environmental Chemistry</i> , 2017 , 189-208	0.8	4
93	Removal of Endocrine Disrupting Chemicals in Wastewater by Enzymatic Treatment with Fungal Laccases. <i>Organic Process Research and Development</i> , 2017 , 21, 480-491	3.9	52
92	Screening and prioritization of micropollutants in wastewaters from on-site sewage treatment facilities. <i>Journal of Hazardous Materials</i> , 2017 , 328, 37-45	12.8	63
91	Sewers as potential reservoirs of antibiotic resistance. <i>Science of the Total Environment</i> , 2017 , 605-606, 1047-1054	10.2	70
90	Elimination study of the chemotherapy drug tamoxifen by different advanced oxidation processes: Transformation products and toxicity assessment. <i>Chemosphere</i> , 2017 , 168, 284-292	8.4	33
89	Review of emerging contaminants in aquatic biota from Latin America: 2002-2016. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 1716-1727	3.8	32
88	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	10.2	43
87	Pharmaceuticals in the Marine Environment 2017 , 268-316		2
86	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, 241-9	10.2	104
85	Bioaccumulation and trophic magnification of pharmaceuticals and endocrine disruptors in a Mediterranean river food web. <i>Science of the Total Environment</i> , 2016 , 540, 250-9	10.2	94

84	Removal of pharmaceuticals from wastewater by fungal treatment and reduction of hazard quotients. <i>Science of the Total Environment</i> , 2016 , 571, 909-15	10.2	34
83	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	8.4	8
82	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	6.2	35
81	Do pharmaceuticals bioaccumulate in marine molluscs and fish from a coastal lagoon?. <i>Environmental Research</i> , 2016 , 146, 282-98	7.9	97
80	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, 451-9	8.4	29
79	Fungal treatment for the removal of antibiotics and antibiotic resistance genes in veterinary hospital wastewater. <i>Chemosphere</i> , 2016 , 152, 301-8	8.4	59
78	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	10.2	86
77	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	12.8	32
76	Continuous fungal treatment of non-sterile veterinary hospital effluent: pharmaceuticals removal and microbial community assessment. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 2401-15	5.7	30
75	Occurrence and persistence of antibiotic resistance genes in river biofilms after wastewater inputs in small rivers. <i>Environmental Pollution</i> , 2016 , 210, 121-8	9.3	106
74	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	4.5	25
73	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	10.2	11
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	3.8	45
71	Internal exposure dynamics drive the Adverse Outcome Pathways of synthetic glucocorticoids in fish. <i>Scientific Reports</i> , 2016 , 6, 21978	4.9	39
70	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	12.5	66
69	Automatic High Frequency Monitoring for Improved Lake and Reservoir Management. <i>Environmental Science & Technology</i> , 2016 , 50, 10780-10794	10.3	65
68	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	3.5	13
67	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	11	86

66	Biodegradation and reversible inhibitory impact of sulfamethoxazole on the utilization of volatile fatty acids during anaerobic treatment of pharmaceutical industry wastewater. <i>Science of the Total Environment</i> , 2015 , 536, 667-674	10.2	60
65	Photolysis of the antidepressants amisulpride and desipramine in wastewaters: Identification of transformation products formed and their fate. <i>Science of the Total Environment</i> , 2015 , 530-531, 434-444	10.2	15
64	Non conventional biological treatment based on <i>Trametes versicolor</i> for the elimination of recalcitrant anticancer drugs in hospital wastewater. <i>Chemosphere</i> , 2015 , 136, 9-19	8.4	59
63	Seasonal distribution of pharmaceuticals in marine water and sediment from a Mediterranean coastal lagoon (SE Spain). <i>Environmental Research</i> , 2015 , 138, 326-44	7.9	151
62	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. <i>Chemosphere</i> , 2015 , 119, 90-98	8.4	62
61	Microalgae cultivation on wastewater digestate: Estradiol and 17 β -ethynylestradiol degradation and transformation products identification. <i>Journal of Environmental Management</i> , 2015 , 155, 106-13	7.9	96
60	Ecosystem Responses to Emerging Contaminants: Fate and Effects of Pharmaceuticals in a Mediterranean River. <i>Handbook of Environmental Chemistry</i> , 2015 , 143-158	0.8	
59	Occurrence of pharmaceuticals and endocrine disrupting compounds in macroalgae, bivalves, and fish from coastal areas in Europe. <i>Environmental Research</i> , 2015 , 143, 56-64	7.9	163
58	Degradation of pharmaceuticals from membrane biological reactor sludge with <i>Trametes versicolor</i> . <i>Environmental Sciences: Processes and Impacts</i> , 2015 , 17, 429-40	4.3	20
57	Occurrence of antibiotics and antibiotic resistance genes in hospital and urban wastewaters and their impact on the receiving river. <i>Water Research</i> , 2015 , 69, 234-242	12.5	844
56	Occurrence and in-stream attenuation of wastewater-derived pharmaceuticals in Iberian rivers. <i>Science of the Total Environment</i> , 2015 , 503-504, 133-41	10.2	83
55	Effects of flow intermittency and pharmaceutical exposure on the structure and metabolism of stream biofilms. <i>Science of the Total Environment</i> , 2015 , 503-504, 159-70	10.2	55
54	Identification of some factors affecting pharmaceutical active compounds (PhACs) removal in real wastewater. Case study of fungal treatment of reverse osmosis concentrate. <i>Journal of Hazardous Materials</i> , 2015 , 283, 663-71	12.8	69
53	Impact of in-sewer transformation on 43 pharmaceuticals in a pressurized sewer under anaerobic conditions. <i>Water Research</i> , 2015 , 68, 98-108	12.5	87
52	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
51	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, 373-81	6.2	62
50	Bioaccumulation of Emerging Contaminants in Aquatic Biota: Patterns of Pharmaceuticals in Mediterranean River Networks. <i>Handbook of Environmental Chemistry</i> , 2015 , 121-141	0.8	4
49	Differential gene transcription, biochemical responses, and cytotoxicity assessment in Pacific oyster <i>Crassostrea gigas</i> exposed to ibuprofen. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 17375-85	5.1	19

48	Multi-residue method for the analysis of pharmaceuticals and some of their metabolites in bivalves. <i>Talanta</i> , 2015 , 136, 174-82	6.2	69
47	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	7.9	23
46	Sample preservation for the analysis of antibiotics in water. <i>Journal of Chromatography A</i> , 2014 , 1369, 43-51	4.5	29
45	Hospital wastewater treatment by fungal bioreactor: removal efficiency for pharmaceuticals and endocrine disruptor compounds. <i>Science of the Total Environment</i> , 2014 , 493, 365-76	10.2	143
44	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	12.5	77
43	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	9.3	134
42	Pharmaceuticals occurrence in a WWTP with significant industrial contribution and its input into the river system. <i>Environmental Pollution</i> , 2014 , 185, 202-12	9.3	143
41	Characterization of ciprofloxacin-resistant isolates from a wastewater treatment plant and its receiving river. <i>Water Research</i> , 2014 , 61, 67-76	12.5	63
40	Re-inoculation strategies enhance the degradation of emerging pollutants in fungal bioaugmentation of sewage sludge. <i>Bioresource Technology</i> , 2014 , 168, 180-9	11	32
39	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	12.5	76
38	Input of pharmaceuticals through coastal surface watercourses into a Mediterranean lagoon (Mar Menor, SE Spain): sources and seasonal variations. <i>Science of the Total Environment</i> , 2014 , 490, 59-72	10.2	85
37	Pollution-induced community tolerance to non-steroidal anti-inflammatory drugs (NSAIDs) in fluvial biofilm communities affected by WWTP effluents. <i>Chemosphere</i> , 2014 , 112, 185-93	8.4	57
36	Design and optimization of an enzymatic membrane reactor for tetracycline degradation. <i>Catalysis Today</i> , 2014 , 236, 146-152	5.3	79
35	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, 173-88	4.5	252
34	Chronic impact of tetracycline on the biodegradation of an organic substrate mixture under anaerobic conditions. <i>Water Research</i> , 2013 , 47, 2959-69	12.5	145
33	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	4.5	134
32	Degradation of pharmaceuticals in non-sterile urban wastewater by <i>Trametes versicolor</i> in a fluidized bed bioreactor. <i>Water Research</i> , 2013 , 47, 5200-10	12.5	158
31	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	4.5	99

30	Effects on activated sludge bacterial community exposed to sulfamethoxazole. <i>Chemosphere</i> , 2013 , 93, 99-106	8.4	101
29	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, 161-70	10.2	221
28	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, 5937-52	4.4	104
27	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, 302-16	10.2	358
26	Analysis of Pharmaceutical Compounds in Biota. <i>Comprehensive Analytical Chemistry</i> , 2013 , 62, 169-193	1.9	5
25	Removal of emerging contaminants from municipal wastewater with an integrated membrane system, MBR-RO. <i>Journal of Hazardous Materials</i> , 2012 , 239-240, 64-9	12.8	191
24	Comprehensive study of ibuprofen and its metabolites in activated sludge batch experiments and aquatic environment. <i>Science of the Total Environment</i> , 2012 , 438, 404-13	10.2	135
23	Removal of ibuprofen and its transformation products: experimental and simulation studies. <i>Science of the Total Environment</i> , 2012 , 433, 296-301	10.2	54
22	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, 104-21	4.5	401
21	Pharmaceuticals in biota in the aquatic environment: analytical methods and environmental implications. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 2611-24	4.4	111
20	Meeting report: pharmaceuticals in water-an interdisciplinary approach to a public health challenge. <i>Environmental Health Perspectives</i> , 2010 , 118, 1016-20	8.4	57
19	Biosensors for Environmental Monitoring at Global Scale and the EU Level. <i>Handbook of Environmental Chemistry</i> , 2009 , 1-32	0.8	1
18	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	0.8	6
17	Liquid Chromatography/Mass Spectrometry Methods for Analysis of Endocrine-Disrupting Chemicals in Wastewaters. <i>Handbook of Environmental Chemistry</i> , 2009 , 227-271	0.8	3
16	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	4.5	243
15	Chapter 2.6 Analysis of steroid estrogens in the environment. <i>Comprehensive Analytical Chemistry</i> , 2007 , 50, 219-264	1.9	2
14	Biosensors as useful tools for environmental analysis and monitoring. <i>Analytical and Bioanalytical Chemistry</i> , 2006 , 386, 1025-41	4.4	327
13	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, 377-84	6.2	42

12	An Optical Immunosensor for Pesticide Determination in Natural Waters 2006 , 481-489		1
11	Analysis of bisphenol A in natural waters by means of an optical immunosensor. <i>Water Research</i> , 2005 , 39, 5071-9	12.5	69
10	Biosensors for environmental monitoring A global perspective. <i>Talanta</i> , 2005 , 65, 291-7	6.2	167
9	Biosensors for unattended, cost-effective and continuous monitoring of environmental pollution: Automated Water Analyser Computer Supported System (AWACSS) and River Analyser (RIANA). <i>International Journal of Environmental Analytical Chemistry</i> , 2005 , 85, 837-852	1.8	7
8	Screening water for pollutants: A selective report on the 1st focused workshop (validation of robustness of sensors and bioassays for screening pollutants) of the SWIFT-WFD project held in Mañá Menorca (Balearic Islands), Spain, 2 and 3 December 2004. <i>TrAC - Trends in Analytical Chemistry</i> , 2005 , 24, 165-169	14.6	6
7	Automated water analyser computer supported system (AWACSS) Part I: Project objectives, basic technology, immunoassay development, software design and networking. <i>Biosensors and Bioelectronics</i> , 2005 , 20, 1499-508	11.8	76
6	Automated Water Analyser Computer Supported System (AWACSS) Part II: Intelligent, remote-controlled, cost-effective, on-line, water-monitoring measurement system. <i>Biosensors and Bioelectronics</i> , 2005 , 20, 1509-19	11.8	70
5	Biosensors for environmental applications: Future development trends. <i>Pure and Applied Chemistry</i> , 2004 , 76, 723-752	2.1	160
4	Biosensors for environmental monitoring of endocrine disruptors: a review article. <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 378, 588-98	4.4	124
3	Simultaneous multi-analyte determination of estrone, isoproturon and atrazine in natural waters by the River ANALyser (RIANA), an optical immunosensor. <i>Biosensors and Bioelectronics</i> , 2004 , 19, 633-40	11.8	102
2	Monitoring of estrogens, pesticides and bisphenol A in natural waters and drinking water treatment plants by solid-phase extraction-liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2004 , 1045, 85-92	4.5	307
1	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. <i>Analytical Chemistry</i> , 2004 , 76, 6998-7006	7.8	143