

Sara Rodriguez-Mozaz

List of Publications by Year in descending order

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158
papers

14,108
citations

12303

69
h-index

20900

115
g-index

158
all docs

158
docs citations

158
times ranked

13184
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	5.3	1,187
2	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.	3.9	469
3	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.	1.8	457
4	Biosensors as useful tools for environmental analysis and monitoring. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 1025-1041.	1.9	374
5	Monitoring of estrogens, pesticides and bisphenol A in natural waters and drinking water treatment plants by solid-phase extractionâ€“liquid chromatographyâ€“mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1045, 85-92.	1.8	349
6	Antibiotic resistance in European wastewater treatment plants mirrors the pattern of clinical antibiotic resistance prevalence. <i>Science Advances</i> , 2019, 5, eaau9124.	4.7	346
7	Antibiotic residues in final effluents of European wastewater treatment plants and their impact on the aquatic environment. <i>Environment International</i> , 2020, 140, 105733.	4.8	338
8	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.	1.8	322
9	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.	3.9	288
10	Advantages and limitations of on-line solid phase extraction coupled to liquid chromatographyâ€“mass spectrometry technologies versus biosensors for monitoring of emerging contaminants in water. <i>Journal of Chromatography A</i> , 2007, 1152, 97-115.	1.8	287
11	Removal of emerging contaminants from municipal wastewater with an integrated membrane system, MBRâ€“RO. <i>Journal of Hazardous Materials</i> , 2012, 239-240, 64-69.	6.5	222
12	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.	3.7	206
13	Biosensors for environmental applications: Future development trends. <i>Pure and Applied Chemistry</i> , 2004, 76, 723-752.	0.9	199
14	Biosensors for environmental monitoring A global perspective. <i>Talanta</i> , 2005, 65, 291-297.	2.9	194
15	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.	3.9	192
16	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.	5.3	190
17	Pharmaceuticals occurrence in a WWTP with significant industrial contribution and its input into the river system. <i>Environmental Pollution</i> , 2014, 185, 202-212.	3.7	187
18	Seasonal distribution of pharmaceuticals in marine water and sediment from a mediterranean coastal lagoon (SE Spain). <i>Environmental Research</i> , 2015, 138, 326-344.	3.7	183

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19	Chronic impact of tetracycline on the biodegradation of an organic substrate mixture under anaerobic conditions. <i>Water Research</i> , 2013, 47, 2959-2969.	5.3	176
20	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.	3.7	164
21	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.	1.8	162
22	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.	3.2	161
23	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.	3.9	161
24	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.	3.9	143
25	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.	4.8	142
26	Occurrence and persistence of antibiotic resistance genes in river biofilms after wastewater inputs in small rivers. <i>Environmental Pollution</i> , 2016, 210, 121-128.	3.7	142
27	Biosensors for environmental monitoring of endocrine disruptors: a review article. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 588-598.	1.9	141
28	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.	3.9	137
29	Microalgae cultivation on wastewater digestate: 17β -estradiol and 17α -ethynylestradiol degradation and transformation products identification. <i>Journal of Environmental Management</i> , 2015, 155, 106-113.	3.8	130
30	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.	3.9	128
31	Pharmaceuticals in biota in the aquatic environment: analytical methods and environmental implications. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2611-2624.	1.9	126
32	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.	1.9	123
33	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, 633-640.	5.3	120
34	Do pharmaceuticals bioaccumulate in marine molluscs and fish from a coastal lagoon?. <i>Environmental Research</i> , 2016, 146, 282-298.	3.7	117
35	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.	3.9	117
36	Impact of in-sewer transformation on 43 pharmaceuticals in a pressurized sewer under anaerobic conditions. <i>Water Research</i> , 2015, 68, 98-108.	5.3	115

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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.	3.9	115
38	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.	1.8	112
39	Effects on activated sludge bacterial community exposed to sulfamethoxazole. <i>Chemosphere</i> , 2013, 93, 99-106.	4.2	111
40	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.	6.5	110
41	Design and optimization of an enzymatic membrane reactor for tetracycline degradation. <i>Catalysis Today</i> , 2014, 236, 146-152.	2.2	107
42	Input of pharmaceuticals through coastal surface watercourses into a Mediterranean lagoon (Mar Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50)	3.9	104
43	Automatic High Frequency Monitoring for Improved Lake and Reservoir Management. <i>Environmental Science & Technology</i> , 2016, 50, 10780-10794.	4.6	104
44	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.	3.9	102
45	Contaminants of emerging concern in freshwater fish from four Spanish Rivers. <i>Science of the Total Environment</i> , 2019, 659, 1186-1198.	3.9	101
46	Occurrence and in-stream attenuation of wastewater-derived pharmaceuticals in Iberian rivers. <i>Science of the Total Environment</i> , 2015, 503-504, 133-141.	3.9	99
47	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.	5.3	99
48	Sewers as potential reservoirs of antibiotic resistance. <i>Science of the Total Environment</i> , 2017, 605-606, 1047-1054.	3.9	99
49	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.	5.3	98
50	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.	5.3	95
51	Fungal treatment for the removal of antibiotics and antibiotic resistance genes in veterinary hospital wastewater. <i>Chemosphere</i> , 2016, 152, 301-308.	4.2	92
52	Microplastics in Mediterranean coastal area: toxicity and impact for the environment and human health. <i>Trends in Environmental Analytical Chemistry</i> , 2020, 27, e00090.	5.3	91
53	Automated Water Analyser Computer Supported System (AWACSS). <i>Biosensors and Bioelectronics</i> , 2005, 20, 1509-1519.	5.3	90
54	Multi-residue method for the analysis of pharmaceuticals and some of their metabolites in bivalves. <i>Talanta</i> , 2015, 136, 174-182.	2.9	88

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55	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, 1499-1508.	5.3	86
56	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.	5.3	86
57	Characterization of ciprofloxacin-resistant isolates from a wastewater treatment plant and its receiving river. <i>Water Research</i> , 2014, 61, 67-76.	5.3	85
58	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.	3.9	85
59	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, 663-671.	6.5	85
60	Analysis of bisphenol A in natural waters by means of an optical immunosensor. <i>Water Research</i> , 2005, 39, 5071-5079.	5.3	83
61	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.	3.9	82
62	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.	4.2	80
63	Screening and prioritization of micropollutants in wastewaters from on-site sewage treatment facilities. <i>Journal of Hazardous Materials</i> , 2017, 328, 37-45.	6.5	79
64	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.	4.2	78
65	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, 159-170.	3.9	76
66	Removal of Endocrine Disrupting Chemicals in Wastewater by Enzymatic Treatment with Fungal Laccases. <i>Organic Process Research and Development</i> , 2017, 21, 480-491.	1.3	74
67	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.	2.9	73
68	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.	4.2	72
69	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.	3.7	72
70	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.	6.5	72
71	Spatial and temporal occurrence of pharmaceuticals in UK estuaries. <i>Science of the Total Environment</i> , 2019, 678, 74-84.	3.9	68
72	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.	3.9	64

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73	Meeting Report: Pharmaceuticals in Water—An Interdisciplinary Approach to a Public Health Challenge. <i>Environmental Health Perspectives</i> , 2010, 118, 1016-1020.	2.8	62
74	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.	3.9	62
75	Removal of ibuprofen and its transformation products: Experimental and simulation studies. <i>Science of the Total Environment</i> , 2012, 433, 296-301.	3.9	60
76	Abundance of antibiotic resistance genes and bacterial community composition in wild freshwater fish species. <i>Chemosphere</i> , 2018, 196, 115-119.	4.2	59
77	Fate of pharmaceuticals and their transformation products in integrated membrane systems for wastewater reclamation. <i>Chemical Engineering Journal</i> , 2018, 331, 450-461.	6.6	59
78	Influencing factors on the removal of pharmaceuticals from water with micro-grain activated carbon. <i>Water Research</i> , 2018, 144, 402-412.	5.3	59
79	Distribution of antibiotics in water, sediments and biofilm in an urban river (Córdoba, Argentina, LA). <i>Environmental Pollution</i> , 2021, 269, 116133.	3.7	58
80	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.	3.9	57
81	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.	3.9	56
82	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.	2.2	54
83	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.	1.8	53
84	Internal exposure dynamics drive the Adverse Outcome Pathways of synthetic glucocorticoids in fish. <i>Scientific Reports</i> , 2016, 6, 21978.	1.6	52
85	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.	1.8	52
86	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.	5.3	52
87	Review of emerging contaminants in aquatic biota from Latin America: 2002–2016. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1716-1727.	2.2	51
88	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.	2.9	50
89	<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.	3.8	48
90	Analysis of multiclass antibiotic residues in urban wastewater in Tunisia. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2018, 10, 163-170.	1.7	48

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91	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.	2.9	48
92	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.	6.5	46
93	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.	1.7	46
94	Elimination study of the chemotherapy drug tamoxifen by different advanced oxidation processes: Transformation products and toxicity assessment. <i>Chemosphere</i> , 2017, 168, 284-292.	4.2	46
95	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.	6.5	44
96	Re-inoculation strategies enhance the degradation of emerging pollutants in fungal bioaugmentation of sewage sludge. <i>Bioresource Technology</i> , 2014, 168, 180-189.	4.8	43
97	Removal of pharmaceuticals from wastewater by fungal treatment and reduction of hazard quotients. <i>Science of the Total Environment</i> , 2016, 571, 909-915.	3.9	43
98	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.	2.9	43
99	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.	4.8	41
100	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.	2.1	41
101	Sample preservation for the analysis of antibiotics in water. <i>Journal of Chromatography A</i> , 2014, 1369, 43-51.	1.8	39
102	Comprehensive study of sulfamethoxazole effects in marine mussels: Bioconcentration, enzymatic activities and metabolomics. <i>Environmental Research</i> , 2019, 173, 12-22.	3.7	39
103	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.	3.7	38
104	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.	4.2	35
105	Impact of fullerenes in the bioaccumulation and biotransformation of venlafaxine, diuron and triclosan in river biofilms. <i>Environmental Research</i> , 2019, 169, 377-386.	3.7	34
106	Non-regulated environmental contaminants in seafood: Contributions of the ECsafeSEAFOOD EU project. <i>Environmental Research</i> , 2015, 143, 1-2.	3.7	33
107	High-quality treated wastewater causes remarkable changes in natural microbial communities and intl1 gene abundance. <i>Water Research</i> , 2019, 167, 114895.	5.3	33
108	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.	1.8	32

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109	Metoprolol and metoprolol acid degradation in UV/H ₂ O ₂ treated wastewaters: An integrated screening approach for the identification of hazardous transformation products. <i>Journal of Hazardous Materials</i> , 2019, 380, 120851.	6.5	32
110	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.	6.6	32
111	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.	4.8	31
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.	3.8	29
113	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.	3.7	29
114	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.	3.9	29
115	Degradation of pharmaceuticals from membrane biological reactor sludge with <i>Trametes versicolor</i> . <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 429-440.	1.7	28
116	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.	1.8	27
117	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, 17375-17385.	2.7	26
118	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.	5.3	24
119	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.	3.9	23
120	Occurrence and accumulation of pharmaceutical products in water and biota of urban lowland rivers. <i>Science of the Total Environment</i> , 2022, 828, 154303.	3.9	23
121	Fluvial biofilms exposed to desiccation and pharmaceutical pollution: New insights using metabolomics. <i>Science of the Total Environment</i> , 2018, 618, 1382-1388.	3.9	22
122	Antidepressants in a changing ocean: Venlafaxine uptake and elimination in juvenile fish (<i>Argyrosomus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	4.2	22
123	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.	4.2	20
124	Effect-Based Identification of Hazardous Antibiotic Transformation Products after Water Chlorination. <i>Environmental Science & Technology</i> , 2020, 54, 9062-9073.	4.6	20
125	Long-term continuous treatment of non-sterile real hospital wastewater by <i>Trametes versicolor</i> . <i>Journal of Biological Engineering</i> , 2019, 13, 47.	2.0	19
126	Insights into removal of antibiotics by selected microalgae (<i>Chlamydomonas reinhardtii</i> , <i>Chlorella</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 102560.	2.4	19

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127	Fungal biodegradation of the N-nitrosodimethylamine precursors venlafaxine and O-desmethylenlafaxine in water. <i>Environmental Pollution</i> , 2019, 246, 346-356.	3.7	18
128	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.	4.2	17
129	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.	1.4	16
130	Fullerenes Influence the Toxicity of Organic Micro-Contaminants to River Biofilms. <i>Frontiers in Microbiology</i> , 2018, 9, 1426.	1.5	16
131	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.	3.9	14
132	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.	3.9	13
133	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.	4.2	12
134	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	11
135	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.	3.9	10
136	(Xeno)metabolomics for the evaluation of aquatic organism's exposure to field contaminated water. <i>Trends in Environmental Analytical Chemistry</i> , 2021, 31, e00132.	5.3	10
137	Screening water for pollutants. <i>TrAC - Trends in Analytical Chemistry</i> , 2005, 24, 165-169.	5.8	9
138	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.	3.7	9
139	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.	0.7	8
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.	0.2	8
141	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.	3.9	7
142	Analysis of Pharmaceutical Compounds in Biota. <i>Comprehensive Analytical Chemistry</i> , 2013, 62, 169-193.	0.7	6
143	Occurrence and Risks of Contrast Agents, Cytostatics, and Antibiotics in Hospital Effluents. <i>Handbook of Environmental Chemistry</i> , 2017, , 71-100.	0.2	6
144	Full-Scale Plants for Dedicated Treatment of Hospital Effluents. <i>Handbook of Environmental Chemistry</i> , 2017, , 189-208.	0.2	6

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