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	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
2	Contribution of hospital effluents to the load of pharmaceuticals in urban wastewaters: Identification of ecologically relevant pharmaceuticals. Science of the Total Environment, 2013, 461-462, 302-316.	8.0	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. Journal of Chromatography A, 2012, 1248, 104-121.	3.7	457
4	Biosensors as useful tools for environmental analysis and monitoring. Analytical and Bioanalytical Chemistry, 2006, 386, 1025-1041.	3.7	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. Journal of Chromatography A, 2004, 1045, 85-92.	3.7	349
6	Antibiotic resistance in European wastewater treatment plants mirrors the pattern of clinical antibiotic resistance prevalence. Science Advances, 2019, 5, eaau9124.	10.3	346
7	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
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. Journal of Chromatography A, 2013, 1292, 173-188.	3.7	322
9	Exploring the links between antibiotic occurrence, antibiotic resistance, and bacterial communities in water supply reservoirs. Science of the Total Environment, 2013, 456-457, 161-170.	8.0	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. Journal of Chromatography A, 2007, 1152, 97-115.	3.7	287
11	Removal of emerging contaminants from municipal wastewater with an integrated membrane system, MBRâ€“RO. Journal of Hazardous Materials, 2012, 239-240, 64-69.	12.4	222
12	Occurrence of pharmaceuticals and endocrine disrupting compounds in macroalgaes, bivalves, and fish from coastal areas in Europe. Environmental Research, 2015, 143, 56-64.	7.5	206
13	Biosensors for environmental applications: Future development trends. Pure and Applied Chemistry, 2004, 76, 723-752.	1.9	199
14	Biosensors for environmental monitoring A global perspective. Talanta, 2005, 65, 291-297.	5.5	194
15	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
16	Degradation of pharmaceuticals in non-sterile urban wastewater by Trametes versicolor in a fluidized bed bioreactor. Water Research, 2013, 47, 5200-5210.	11.3	190
17	Pharmaceuticals occurrence in a WWTP with significant industrial contribution and its input into the river system. Environmental Pollution, 2014, 185, 202-212.	7.5	187
18	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

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19	Chronic impact of tetracycline on the biodegradation of an organic substrate mixture under anaerobic conditions. Water Research, 2013, 47, 2959-2969.	11.3	176
20	Incidence of anticancer drugs in an aquatic urban system: From hospital effluents through urban wastewater to natural environment. Environmental Pollution, 2014, 193, 216-223.	7.5	164
21	Analysis of multi-class pharmaceuticals in fish tissues by ultra-high-performance liquid chromatography tandem mass spectrometry. Journal of Chromatography A, 2013, 1288, 63-72.	3.7	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. Analytical Chemistry, 2004, 76, 6998-7006.	6.5	161
23	Comprehensive study of ibuprofen and its metabolites in activated sludge batch experiments and aquatic environment. Science of the Total Environment, 2012, 438, 404-413.	8.0	161
24	Performance of a microalgal photobioreactor treating toilet wastewater: Pharmaceutically active compound removal and biomass harvesting. Science of the Total Environment, 2017, 592, 1-11.	8.0	143
25	Removal of antibiotics in wastewater by enzymatic treatment with fungal laccase â€“ Degradation of compounds does not always eliminate toxicity. Bioresource Technology, 2016, 219, 500-509.	9.6	142
26	Occurrence and persistence of antibiotic resistance genes in river biofilms after wastewater inputs in small rivers. Environmental Pollution, 2016, 210, 121-128.	7.5	142
27	Biosensors for environmental monitoring of endocrine disruptors: a review article. Analytical and Bioanalytical Chemistry, 2004, 378, 588-598.	3.7	141
28	Determination of a broad spectrum of pharmaceuticals and endocrine disruptors in biofilm from a waste water treatment plant-impacted river. Science of the Total Environment, 2016, 540, 241-249.	8.0	137
29	Microalgae cultivation on wastewater digestate: Î²-estradiol and 17Î±-ethynylestradiol degradation and transformation products identification. Journal of Environmental Management, 2015, 155, 106-113.	7.8	130
30	Bioaccumulation and trophic magnification of pharmaceuticals and endocrine disruptors in a Mediterranean river food web. Science of the Total Environment, 2016, 540, 250-259.	8.0	128
31	Pharmaceuticals in biota in the aquatic environment: analytical methods and environmental implications. Analytical and Bioanalytical Chemistry, 2012, 404, 2611-2624.	3.7	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. Analytical and Bioanalytical Chemistry, 2013, 405, 5937-5952.	3.7	123
33	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
34	Do pharmaceuticals bioaccumulate in marine molluscs and fish from a coastal lagoon?. Environmental Research, 2016, 146, 282-298.	7.5	117
35	Bioaccumulation and bioconcentration of carbamazepine and other pharmaceuticals in fish under field and controlled laboratory experiments. Evidences of carbamazepine metabolization by fish. Science of the Total Environment, 2016, 557-558, 58-67.	8.0	117
36	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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37	Assessment of full-scale tertiary wastewater treatment by UV-C based-AOPs: Removal or persistence of antibiotics and antibiotic resistance genes?. Science of the Total Environment, 2019, 652, 1051-1061.	8.0	115
38	Development of a liquid chromatographyâ€“tandem mass spectrometry procedure for determination of endocrine disrupting compounds in fish from Mediterranean rivers. Journal of Chromatography A, 2013, 1306, 44-58.	3.7	112
39	Effects on activated sludge bacterial community exposed to sulfamethoxazole. Chemosphere, 2013, 93, 99-106.	8.2	111
40	Pharmaceuticals and pesticides in reclaimed water: Efficiency assessment of a microfiltrationâ€“reverse osmosis (MFâ€“RO) pilot plant. Journal of Hazardous Materials, 2015, 282, 165-173.	12.4	110
41	Design and optimization of an enzymatic membrane reactor for tetracycline degradation. Catalysis Today, 2014, 236, 146-152.	4.4	107
42	Input of pharmaceuticals through coastal surface watercourses into a Mediterranean lagoon (Mar) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	8.0	104
43	Automatic High Frequency Monitoring for Improved Lake and Reservoir Management. Environmental Science & Technology, 2016, 50, 10780-10794.	10.0	104
44	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
45	Contaminants of emerging concern in freshwater fish from four Spanish Rivers. Science of the Total Environment, 2019, 659, 1186-1198.	8.0	101
46	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
47	Pharmaceuticals removal and microbial community assessment in a continuous fungal treatment of non-sterile real hospital wastewater after a coagulation-flocculation pretreatment. Water Research, 2017, 116, 65-75.	11.3	99
48	Sewers as potential reservoirs of antibiotic resistance. Science of the Total Environment, 2017, 605-606, 1047-1054.	8.0	99
49	Characterization of metoprolol biodegradation and its transformation products generated in activated sludge batch experiments and in full scale WWTPs. Water Research, 2014, 63, 21-32.	11.3	98
50	Biodegradation of the X-ray contrast agent iopromide and the fluoroquinolone antibiotic ofloxacin by the white rot fungus Trametes versicolor in hospital wastewaters and identification of degradation products. Water Research, 2014, 60, 228-241.	11.3	95
51	Fungal treatment for the removal of antibiotics and antibiotic resistance genes in veterinary hospital wastewater. Chemosphere, 2016, 152, 301-308.	8.2	92
52	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
53	Automated Water Analyser Computer Supported System (AWACSS). Biosensors and Bioelectronics, 2005, 20, 1509-1519.	10.1	90
54	Multi-residue method for the analysis of pharmaceuticals and some of their metabolites in bivalves. Talanta, 2015, 136, 174-182.	5.5	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. Biosensors and Bioelectronics, 2005, 20, 1499-1508.	10.1	86
56	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
57	Characterization of ciprofloxacin-resistant isolates from a wastewater treatment plant and its receiving river. Water Research, 2014, 61, 67-76.	11.3	85
58	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
59	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
60	Analysis of bisphenol A in natural waters by means of an optical immunosensor. Water Research, 2005, 39, 5071-5079.	11.3	83
61	Presence of pharmaceuticals in fish collected from urban rivers in the U.S. EPA 2008â€“2009 National Rivers and Streams Assessment. Science of the Total Environment, 2018, 634, 542-549.	8.0	82
62	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
63	Screening and prioritization of micropollutants in wastewaters from on-site sewage treatment facilities. Journal of Hazardous Materials, 2017, 328, 37-45.	12.4	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. Chemosphere, 2015, 119, 90-98.	8.2	78
65	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
66	Removal of Endocrine Disrupting Chemicals in Wastewater by Enzymatic Treatment with Fungal Laccases. Organic Process Research and Development, 2017, 21, 480-491.	2.7	74
67	Development of an extraction and purification method for the determination of multi-class pharmaceuticals and endocrine disruptors in freshwater invertebrates. Talanta, 2015, 132, 373-381.	5.5	73
68	Non conventional biological treatment based on Trametes versicolor for the elimination of recalcitrant anticancer drugs in hospital wastewater. Chemosphere, 2015, 136, 9-19.	8.2	72
69	Effects of water warming and acidification on bioconcentration, metabolization and depuration of pharmaceuticals and endocrine disrupting compounds in marine mussels (Mytilus galloprovincialis). Environmental Pollution, 2018, 236, 824-834.	7.5	72
70	Fate of priority pharmaceuticals and their main metabolites and transformation products in microalgae-based wastewater treatment systems. Journal of Hazardous Materials, 2020, 390, 121771.	12.4	72
71	Spatial and temporal occurrence of pharmaceuticals in UK estuaries. Science of the Total Environment, 2019, 678, 74-84.	8.0	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. Science of the Total Environment, 2021, 755, 142554.	8.0	64

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73	Meeting Report: Pharmaceuticals in Waterâ€"An Interdisciplinary Approach to a Public Health Challenge. Environmental Health Perspectives, 2010, 118, 1016-1020.	6.0	62
74	The role of sorption processes in the removal of pharmaceuticals by fungal treatment of wastewater. Science of the Total Environment, 2018, 610-611, 1147-1153.	8.0	62
75	Removal of ibuprofen and its transformation products: Experimental and simulation studies. Science of the Total Environment, 2012, 433, 296-301.	8.0	60
76	Abundance of antibiotic resistance genes and bacterial community composition in wild freshwater fish species. Chemosphere, 2018, 196, 115-119.	8.2	59
77	Fate of pharmaceuticals and their transformation products in integrated membrane systems for wastewater reclamation. Chemical Engineering Journal, 2018, 331, 450-461.	12.7	59
78	Influencing factors on the removal of pharmaceuticals from water with micro-grain activated carbon. Water Research, 2018, 144, 402-412.	11.3	59
79	Distribution of antibiotics in water, sediments and biofilm in an urban river (CÃ³rdoba, Argentina, LA). Environmental Pollution, 2021, 269, 116133.	7.5	58
80	Differential behavioural responses to venlafaxine exposure route, warming and acidification in juvenile fish (Argyrosomus regius). Science of the Total Environment, 2018, 634, 1136-1147.	8.0	57
81	Study of the effect of the bacterial and fungal communities present in real wastewater effluents on the performance of fungal treatments. Science of the Total Environment, 2017, 579, 366-377.	8.0	56
82	Antiâ€anxiety drugs and fish behavior: Establishing the link between internal concentrations of oxazepam and behavioral effects. Environmental Toxicology and Chemistry, 2016, 35, 2782-2790.	4.3	54
83	Preliminary assessment on the bioaccessibility of contaminants of emerging concern in raw and cooked seafood. Food and Chemical Toxicology, 2017, 104, 69-78.	3.6	53
84	Internal exposure dynamics drive the Adverse Outcome Pathways of synthetic glucocorticoids in fish. Scientific Reports, 2016, 6, 21978.	3.3	52
85	Multi-residue method for the determination of antibiotics and some of their metabolites in seafood. Food and Chemical Toxicology, 2017, 104, 3-13.	3.6	52
86	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
87	Review of emerging contaminants in aquatic biota from Latin America: 2002â€"2016. Environmental Toxicology and Chemistry, 2017, 36, 1716-1727.	4.3	51
88	Fast and simultaneous monitoring of organic pollutants in a drinking water treatment plant by a multi-analyte biosensor followed by LCâ€"MS validation. Talanta, 2006, 69, 377-384.	5.5	50
89	Stropharia rugosoannulata and Gymnopilus luteofolius: Promising fungal species for pharmaceutical biodegradation in contaminated water. Journal of Environmental Management, 2018, 207, 396-404.	7.8	48
90	Analysis of multiclass antibiotic residues in urban wastewater in Tunisia. Environmental Nanotechnology, Monitoring and Management, 2018, 10, 163-170.	2.9	48

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91	Microplastics as vectors of pharmaceuticals in aquatic organisms â€“ An overview of their environmental implications. Case Studies in Chemical and Environmental Engineering, 2021, 3, 100079.	6.1	48
92	UV/H2O2degradation of the antidepressants venlafaxine and O-desmethylvenlafaxine: Elucidation of their transformation pathway and environmental fate. Journal of Hazardous Materials, 2016, 311, 70-80.	12.4	46
93	Continuous fungal treatment of non-sterile veterinary hospital effluent: pharmaceuticals removal and microbial community assessment. Applied Microbiology and Biotechnology, 2016, 100, 2401-2415.	3.6	46
94	Elimination study of the chemotherapy drug tamoxifen by different advanced oxidation processes: Transformation products and toxicity assessment. Chemosphere, 2017, 168, 284-292.	8.2	46
95	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
96	Re-inoculation strategies enhance the degradation of emerging pollutants in fungal bioaugmentation of sewage sludge. Bioresource Technology, 2014, 168, 180-189.	9.6	43
97	Removal of pharmaceuticals from wastewater by fungal treatment and reduction of hazard quotients. Science of the Total Environment, 2016, 571, 909-915.	8.0	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. Talanta, 2016, 158, 330-341.	5.5	43
99	Pharmaceuticals and endocrine disruptors in raw and cooked seafood from European market: Concentrations and human exposure levels. Environment International, 2018, 119, 570-581.	10.0	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. International Journal of Hygiene and Environmental Health, 2020, 223, 10-21.	4.3	41
101	Sample preservation for the analysis of antibiotics in water. Journal of Chromatography A, 2014, 1369, 43-51.	3.7	39
102	Comprehensive study of sulfamethoxazole effects in marine mussels: Bioconcentration, enzymatic activities and metabolomics. Environmental Research, 2019, 173, 12-22.	7.5	39
103	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
104	Advanced oxidation of the antibiotic sulfapyridine by UV/H2O2: Characterization of its transformation products and ecotoxicological implications. Chemosphere, 2016, 147, 451-459.	8.2	35
105	Impact of fullerenes in the bioaccumulation and biotransformation of venlafaxine, diuron and triclosan in river biofilms. Environmental Research, 2019, 169, 377-386.	7.5	34
106	Non-regulated environmental contaminants in seafood: Contributions of the ECsafeSEAFOOD EU project. Environmental Research, 2015, 143, 1-2.	7.5	33
107	High-quality treated wastewater causes remarkable changes in natural microbial communities and intI1 gene abundance. Water Research, 2019, 167, 114895.	11.3	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. Journal of Chromatography A, 2016, 1439, 124-136.	3.7	32

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109	Metoprolol and metoprolol acid degradation in UV/H2O2 treated wastewaters: An integrated screening approach for the identification of hazardous transformation products. Journal of Hazardous Materials, 2019, 380, 120851.	12.4	32
110	Combining biological processes with UV/H2O2 for metoprolol and metoprolol acid removal in hospital wastewater. Chemical Engineering Journal, 2021, 404, 126482.	12.7	32
111	Showcasing the potential of wastewater-based epidemiology to track pharmaceuticals consumption in cities: Comparison against prescription data collected at fine spatial resolution. Environment International, 2021, 150, 106404.	10.0	31
112	Chemometrics quality assessment of wastewater treatment plant effluents using physicochemical parameters and UV absorption measurements. Journal of Environmental Management, 2014, 140, 33-44.	7.8	29
113	Combining an effect-based methodology with chemical analysis for antibiotics determination in wastewater and receiving freshwater and marine environment. Environmental Pollution, 2021, 271, 116313.	7.5	29
114	Prospects on coupling UV/H2O2 with activated sludge or a fungal treatment for the removal of pharmaceutically active compounds in real hospital wastewater. Science of the Total Environment, 2021, 773, 145374.	8.0	29
115	Degradation of pharmaceuticals from membrane biological reactor sludge with Trametes versicolor. Environmental Sciences: Processes and Impacts, 2015, 17, 429-440.	3.5	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. Journal of Chromatography A, 2018, 1568, 57-68.	3.7	27
117	Differential gene transcription, biochemical responses, and cytotoxicity assessment in Pacific oyster Crassostrea gigas exposed to ibuprofen. Environmental Science and Pollution Research, 2015, 22, 17375-17385.	5.3	26
118	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
119	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
120	Occurrence and accumulation of pharmaceutical products in water and biota of urban lowland rivers. Science of the Total Environment, 2022, 828, 154303.	8.0	23
121	Fluvial biofilms exposed to desiccation and pharmaceutical pollution: New insights using metabolomics. Science of the Total Environment, 2018, 618, 1382-1388.	8.0	22
122	Antidepressants in a changing ocean: Venlafaxine uptake and elimination in juvenile fish (Argyrosomus) Tj ETQq0 0 0 rgBT /Overlock 10	8.2	22
123	Fungal treatment for the removal of endocrine disrupting compounds from reverse osmosis concentrate: Identification and monitoring of transformation products of benzotriazoles. Chemosphere, 2017, 184, 1054-1070.	8.2	20
124	Effect-Based Identification of Hazardous Antibiotic Transformation Products after Water Chlorination. Environmental Science & Technology, 2020, 54, 9062-9073.	10.0	20
125	Long-term continuous treatment of non-sterile real hospital wastewater by Trametes versicolor. Journal of Biological Engineering, 2019, 13, 47.	4.7	19
126	Insights into removal of antibiotics by selected microalgae (Chlamydomonas reinhardtii, Chlorella) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 102560.	4.6	19

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127	Fungal biodegradation of the N-nitrosodimethylamine precursors venlafaxine and O-desmethylvenlafaxine in water. Environmental Pollution, 2019, 246, 346-356.	7.5	18
128	Unravelling the performance of UV/H2O2 on the removal of pharmaceuticals in real industrial, hospital, grey and urban wastewaters. Chemosphere, 2022, 290, 133315.	8.2	17
129	Identification of markers of cancer in urban sewage through the use of a suspect screening approach. Journal of Pharmaceutical and Biomedical Analysis, 2016, 129, 571-580.	2.8	16
130	Fullerenes Influence the Toxicity of Organic Micro-Contaminants to River Biofilms. Frontiers in Microbiology, 2018, 9, 1426.	3.5	16
131	Generation of synthetic influent data to perform (micro)pollutant wastewater treatment modelling studies. Science of the Total Environment, 2016, 569-570, 278-290.	8.0	14
132	Insights on the metabolization of the antidepressant venlafaxine by meagre (Argyrosomus regius) using a combined target and suspect screening approach. Science of the Total Environment, 2020, 737, 140226.	8.0	13
133	Effects of subinhibitory ciprofloxacin concentrations on the abundance of qnrS and composition of bacterial communities from water supply reservoirs. Chemosphere, 2016, 161, 470-474.	8.2	12
134	Biosensors for unattended, cost-effective and continuous monitoring of environmental pollution: Automated Water Analyser Computer Supported System (AWACSS) and River Analyser (RIANA). International Journal of Environmental Analytical Chemistry, 2005, 85, 837-852.	3.3	11
135	Sustainable microalgae-based technology for biotransformation of benzalkonium chloride in oil and gas produced water: A laboratory-scale study. Science of the Total Environment, 2020, 748, 141526.	8.0	10
136	(Xeno)metabolomics for the evaluation of aquatic organismâ€™s exposure to field contaminated water. Trends in Environmental Analytical Chemistry, 2021, 31, e00132.	10.3	10
137	Screening water for pollutants. TrAC - Trends in Analytical Chemistry, 2005, 24, 165-169.	11.4	9
138	Exposure to single and binary mixtures of fullerenes and triclosan: Reproductive and behavioral effects in the freshwater snail Radix balthica. Environmental Research, 2019, 176, 108565.	7.5	9
139	A protocol for wide-scope non-target analysis of contaminants in small amounts of biota using bead beating tissuelyser extraction and LC-HRMS. MethodsX, 2021, 8, 101193.	1.6	8
140	Achievements of the RIANA and AWACSS EU Projects: Immunosensors for the Determination of Pesticides, Endocrine Disrupting Chemicals and Pharmaceuticals. Handbook of Environmental Chemistry, 2009, , 33-46.	0.4	8
141	Exposure to a Subinhibitory Sulfonamide Concentration Promotes the Spread of Antibiotic Resistance in Marine Blue Mussels (Mytilus edulis). Environmental Science and Technology Letters, 2019, 6, 211-215.	8.7	7
142	Analysis of Pharmaceutical Compounds in Biota. Comprehensive Analytical Chemistry, 2013, 62, 169-193.	1.3	6
143	Occurrence and Risks of Contrast Agents, Cytostatics, and Antibiotics in Hospital Effluents. Handbook of Environmental Chemistry, 2017, , 71-100.	0.4	6
144	Full-Scale Plants for Dedicated Treatment of Hospital Effluents. Handbook of Environmental Chemistry, 2017, , 189-208.	0.4	6

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145	Chapter 2.6 Analysis of steroid estrogens in the environment. Comprehensive Analytical Chemistry, 2007, 50, 219-264.	1.3	5
146	Bioaccumulation of Emerging Contaminants in Aquatic Biota: Patterns of Pharmaceuticals in Mediterranean River Networks. Handbook of Environmental Chemistry, 2015, , 121-141.	0.4	5
147	Safety assessment of contaminants of emerging concern in seafood: Contributions of the ECsafeSEAFOOD project. Food and Chemical Toxicology, 2017, 104, 1-2.	3.6	4
148	Liquid Chromatographyâ€"Mass Spectrometry Methods for Analysis of Endocrine-Disrupting Chemicals in Wastewaters. Handbook of Environmental Chemistry, 2009, , 227-271.	0.4	4
149	Pharmaceuticals in the Marine Environment. , 2017, , 268-316.		4
150	Diet quality and NSAIDs promote changes in formation of prostaglandins by an aquatic invertebrate. Chemosphere, 2020, 257, 126892.	8.2	2
151	Biosensors for Environmental Monitoring at Global Scale and the EU Level. Handbook of Environmental Chemistry, 2009, , 1-32.	0.4	2
152	Tamoxifen: Occurrence, Fate, Transformation Products, and Non-Conventional Treatment Technologies. , 2020, , 71-86.		2
153	An Optical Immunosensor for Pesticide Determination in Natural Waters. , 2006, , 481-489.		1
154	Biosensors bring benefits. TrAC - Trends in Analytical Chemistry, 2004, 23, xi-xiii.	11.4	0
155	Ecosystem Responses to Emerging Contaminants: Fate and Effects of Pharmaceuticals in a Mediterranean River. Handbook of Environmental Chemistry, 2015, , 143-158.	0.4	0
156	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. Advances in Science, Technology and Innovation, 2018, , 1131-1133.	0.4	0
157	Environmental Risk Assessment of Pharmaceuticals in Wastewater Treatment. Handbook of Environmental Chemistry, 2020, , 1-21.	0.4	0
158	Environmental metabolomics and xenometabolomics for the assessment of exposure to contaminant mixtures. , 2020, , 283-310.		0