

Occurrence and removal of pharmaceuticals and endocrine disruptors in surface, drinking, and waste waters

Water Research

41, 1013-1021

DOI: [10.1016/j.watres.2006.06.034](https://doi.org/10.1016/j.watres.2006.06.034)

Citation Report

#	ARTICLE	IF	CITATIONS
2	Removal of endocrine disrupting chemicals (EDCs) using low pressure reverse osmosis membrane (LPROM). <i>Water Science and Technology</i> , 2007, 56, 161-168.	1.2	11
3	Surface modification of polypropylene microporous membrane to improve its antifouling characteristics in an SMBR: N ₂ plasma treatment. <i>Water Research</i> , 2007, 41, 4703-4709.	5.3	77
4	Photoinduced graft polymerization to improve antifouling characteristics of an SMBR. <i>Journal of Membrane Science</i> , 2007, 302, 235-242.	4.1	27
5	Mitigated membrane fouling in an SMBR by surface modification. <i>Journal of Membrane Science</i> , 2008, 310, 409-417.	4.1	64
6	Literature overview: Emerging organic contaminants in water and their remediation. <i>Remediation</i> , 2008, 18, 91-105.	1.1	4
7	17 β -Ethinylestradiol: An endocrine disrupter of great concern. Analytical methods and removal processes applied to water purification. A review. <i>Environmental Progress</i> , 2008, 27, 383-396.	0.8	66
8	Characterization of marine organic matters and heavy metals with respect to desalination with RO and NF membranes. <i>Desalination</i> , 2008, 221, 244-252.	4.0	28
9	Multi-residue analysis of steroids at sub-ng/L levels in surface and ground-waters using liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1210, 84-91.	1.8	177
10	Organophosphorus flame retardants and plasticizers in water and air I. Occurrence and fate. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 727-737.	5.8	513
11	A national reconnaissance of pharmaceuticals and other organic wastewater contaminants in the	3.9	626
12	A novel application of TPAD-MBR system to the pilot treatment of chemical synthesis-based pharmaceutical wastewater. <i>Water Research</i> , 2008, 42, 3385-3392.	5.3	93
13	Environmental Fate of Endocrine Disrupting Compounds—Analytical Problems and Challenges. <i>Critical Reviews in Analytical Chemistry</i> , 2008, 38, 242-258.	1.8	28
14	Using liquid chromatography-ion trap mass spectrometry to determine pharmaceutical residues in Taiwanese rivers and wastewaters. <i>Chemosphere</i> , 2008, 72, 863-869.	4.2	43
15	Titanium dioxide mediated photocatalytic degradation of 17 β -estradiol in aqueous solution. <i>Chemosphere</i> , 2008, 73, 600-606.	4.2	59
16	Carbamazepine and diclofenac: Removal in wastewater treatment plants and occurrence in water bodies. <i>Chemosphere</i> , 2008, 73, 1151-1161.	4.2	1,215
17	Pharmaceutical contamination in residential, industrial, and agricultural waste streams: Risk to aqueous environments in Taiwan. <i>Chemosphere</i> , 2008, 74, 131-141.	4.2	340
18	Effect of tris-(2-chloroethyl)-phosphate (TCEP) at environmental concentration on the levels of cell cycle regulatory protein expression in primary cultured rabbit renal proximal tubule cells. <i>Chemosphere</i> , 2008, 74, 84-88.	4.2	43
19	Removal of Emerging Contaminants in Water Treatment by Nanofiltration and Reverse Osmosis. , 2008, , 103-125.		3

#	ARTICLE	IF	CITATIONS
20	Stimulatory Drugs of Abuse in Surface Waters and Their Removal in a Conventional Drinking Water Treatment Plant. <i>Environmental Science & Technology</i> , 2008, 42, 6809-6816.	4.6	194
21	Adsorption and Hysteresis of Bisphenol A and 17 β -Ethinyl Estradiol on Carbon Nanomaterials. <i>Environmental Science & Technology</i> , 2008, 42, 5480-5485.	4.6	405
22	Emerging Pollutants. <i>Water Environment Research</i> , 2008, 80, 2026-2057.	1.3	5
23	Removal efficiency of 66 pharmaceuticals during wastewater treatment process in Japan. <i>Water Science and Technology</i> , 2008, 57, 65-71.	1.2	122
24	Occurrence of Transformation Products in the Environment. <i>Handbook of Environmental Chemistry</i> , 2008, , 83-100.	0.2	5
25	Activated Sludge and Other Aerobic Suspended Culture Processes. <i>Water Environment Research</i> , 2008, 80, 1036-1077.	1.3	0
26	The Water Framework Directive "can we reach the target?". <i>Water Science and Technology</i> , 2008, 57, 9-17.	1.2	26
27	Determination of 17-Ethinylestradiol, Carbamazepine, Diazepam, Simvastatin, and Oxybenzone in Fish Livers. <i>Journal of AOAC INTERNATIONAL</i> , 2009, 92, 359-370.	0.7	39
28	Removal of Organic Wastewater Contaminants in Septic Systems Using Advanced Treatment Technologies. <i>Journal of Environmental Quality</i> , 2009, 38, 149-156.	1.0	32
29	Monitoring of Pharmaceutical Residues in Sewage Effluents. , 2009, , 315-342.		4
30	Endocrine disrupting compounds (EDCs) and pharmaceuticals and personal care products (PPCPs) in the aquatic environment: implications for the drinking water industry and global environmental health. <i>Journal of Water and Health</i> , 2009, 7, 224-243.	1.1	119
32	Nanomembranes. , 2009, , 367-411.		1
33	Pharmaceuticals. , 2009, , 56-85.		0
34	Microconstituents "What is a Typical Municipal Wastewater Treatment Plant Designer to Do?. <i>Proceedings of the Water Environment Federation</i> , 2009, 2009, 304-318.	0.0	0
35	Balancing the budget of environmental estrogen exposure: the contribution of recycled water. <i>Water Science and Technology</i> , 2009, 60, 1003-1012.	1.2	15
36	Determination of phenolic endocrine disrupting chemicals and acidic pharmaceuticals in surface water of the Pearl Rivers in South China by gas chromatography"negative chemical ionization"mass spectrometry. <i>Science of the Total Environment</i> , 2009, 407, 962-974.	3.9	260
37	Occurrence and removal of pharmaceuticals in a municipal sewage treatment system in the south of Sweden. <i>Science of the Total Environment</i> , 2009, 407, 2760-2770.	3.9	415
38	Occurrence of pharmaceuticals in Taiwan's surface waters: Impact of waste streams from hospitals and pharmaceutical production facilities. <i>Science of the Total Environment</i> , 2009, 407, 3793-3802.	3.9	310

#	ARTICLE	IF	CITATIONS
39	Solid phase extraction coupled to liquid chromatography-tandem mass spectrometry analysis of sulfonamides, tetracyclines, analgesics and hormones in surface water and wastewater in Luxembourg. <i>Science of the Total Environment</i> , 2009, 407, 4736-4743.	3.9	208
40	Application of carbon nanotube technology for removal of contaminants in drinking water: A review. <i>Science of the Total Environment</i> , 2009, 408, 1-13.	3.9	625
41	Investigation of sewer exfiltration using integral pumping tests and wastewater indicators. <i>Journal of Contaminant Hydrology</i> , 2009, 110, 118-129.	1.6	18
42	Biodegradation and removal of pharmaceuticals and personal care products in treatment systems: a review. <i>Biodegradation</i> , 2009, 20, 441-466.	1.5	448
43	EU Water Framework Directive and Stockholm Convention. <i>Environmental Science and Pollution Research</i> , 2009, 16, 92-97.	2.7	49
44	Rapid oxidation of ring methyl groups is the primary mechanism of biotransformation of gemfibrozil by the fungus <i>Cunninghamella elegans</i> . <i>Archives of Microbiology</i> , 2009, 191, 509-517.	1.0	13
45	Chemical evaluation of contaminants in wastewater effluents and the environmental risk of reusing effluents in agriculture. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 676-694.	5.8	136
46	Sonolysis of levodopa and paracetamol in aqueous solutions. <i>Ultrasonics Sonochemistry</i> , 2009, 16, 610-616.	3.8	128
47	Removal of pharmaceuticals in secondary wastewater treatment processes in Taiwan. <i>Journal of Hazardous Materials</i> , 2009, 167, 1163-1169.	6.5	259
48	The methods of identification, analysis, and removal of endocrine disrupting compounds (EDCs) in water. <i>Journal of Hazardous Materials</i> , 2009, 172, 1-12.	6.5	325
49	Radiolysis of selected antibiotics and their toxic effects on various aquatic organisms. <i>Radiation Physics and Chemistry</i> , 2009, 78, 267-272.	1.4	36
50	Degradation of emerging contaminants at low concentrations in MWTPs effluents with mild solar photo-Fenton and TiO ₂ . <i>Catalysis Today</i> , 2009, 144, 124-130.	2.2	126
51	Determination of multiple pharmaceutical classes in surface and ground waters by liquid chromatography-ion trap-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 4989-5000.	1.8	191
52	Analysis of pharmaceuticals in indirect potable reuse systems using solid-phase extraction and liquid chromatography-ion trap-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 5807-5818.	1.8	67
53	Pharmaceutical trace analysis in aqueous environmental matrices by liquid chromatography-ion trap tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 7033-7042.	1.8	46
54	Occurrences of endocrine disrupting compounds and pharmaceuticals in the aquatic environment and their removal from drinking water: Challenges in the context of the developing world. <i>Desalination</i> , 2009, 248, 578-585.	4.0	68
55	A new membrane performance index using flow-field flow fractionation (fl-FFF). <i>Desalination</i> , 2009, 247, 169-179.	4.0	6
56	Preliminary media screening for application in the removal of clofibric acid, carbamazepine and ibuprofen by SSF-constructed wetlands. <i>Ecological Engineering</i> , 2009, 35, 290-302.	1.6	96

#	ARTICLE	IF	CITATIONS
57	Effective controls of micropollutants included in wastewater effluent using constructed wetlands under anoxic condition. <i>Ecological Engineering</i> , 2009, 35, 418-423.	1.6	115
58	Catalysts to improve the abatement of sulfamethoxazole and the resulting organic carbon in water during ozonation. <i>Applied Catalysis B: Environmental</i> , 2009, 92, 262-270.	10.8	54
59	ASSESSMENT OF TRACE ORGANIC CHEMICAL REMOVAL BY A MEMBRANE BIOREACTOR USING GAS CHROMATOGRAPHY/MASS SPECTROMETRY AND A YEAST SCREEN BIOASSAY. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2537.	2.2	19
60	Occurrence of pharmaceuticals and personal care products in fish: Results of a national pilot study in the united states. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2587-2597.	2.2	415
61	Removal of Toxic Organic Micropollutants with FeTsPc-Immobilized Amberlite/H ₂ O ₂ : Effect of Physicochemical Properties of Toxic Chemicals. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 1586-1592.	1.8	9
62	The occurrence of illicit and therapeutic pharmaceuticals in wastewater effluent and surface waters in Nebraska. <i>Environmental Pollution</i> , 2009, 157, 786-791.	3.7	306
63	Cellular effect evaluation of micropollutants using transporter functions of renal proximal tubule cells. <i>Chemosphere</i> , 2009, 77, 968-974.	4.2	10
64	Performance of a Sequencing Batch Biofilm Reactor for the treatment of pre-oxidized Sulfamethoxazole solutions. <i>Water Research</i> , 2009, 43, 2149-2158.	5.3	38
65	Cyclophosphamide removal from water by nanofiltration and reverse osmosis membrane. <i>Water Research</i> , 2009, 43, 4115-4122.	5.3	57
66	Occurrence and removal of pharmaceutically active compounds in sewage treatment plants with different technologies. <i>Journal of Environmental Monitoring</i> , 2009, 11, 1498.	2.1	137
67	Indirect Photodegradation of Amine Drugs in Aqueous Solution under Simulated Sunlight. <i>Environmental Science & Technology</i> , 2009, 43, 2760-2765.	4.6	195
68	Physicochemical and Advanced Oxidation Processes " A Comparison of Elimination Results of Antibiotic Compounds Following an MBR Treatment. <i>Ozone: Science and Engineering</i> , 2009, 31, 428-435.	1.4	25
69	Occurrence and Fate of Pharmaceuticals and Illicit Drugs Under Water Scarcity. <i>Handbook of Environmental Chemistry</i> , 2009, , 197-228.	0.2	3
70	Atenolol removal in microcosm constructed wetlands. <i>International Journal of Environmental Analytical Chemistry</i> , 2009, 89, 835-848.	1.8	35
71	Trace Analysis of Polar Pharmaceuticals in Wastewater by LC-MS-MS: Comparison of Membrane Bioreactor and Activated Sludge Systems. <i>Journal of Chromatographic Science</i> , 2009, 47, 19-25.	0.7	37
72	A Preliminary Investigation on the Occurrence and Distribution of Antibiotics in the Yellow River and its Tributaries, China. <i>Water Environment Research</i> , 2009, 81, 248-254.	1.3	100
73	Indirect Potable Reuse: A Sustainable Water Supply Alternative. <i>International Journal of Environmental Research and Public Health</i> , 2009, 6, 1174-1203.	1.2	151
74	Occurrence of Pharmaceutical and Personal Care Products (PPCPs) in Surface Water from Mankyung River, South Korea. <i>Journal of Health Science</i> , 2009, 55, 249-258.	0.9	166

#	ARTICLE	IF	CITATIONS
75	Occurrence and removal of endocrine disrupters in wastewater treatment plants for small communities. <i>Desalination and Water Treatment</i> , 2009, 4, 93-97.	1.0	8
76	Removal of emerging contaminants of industrial origin by NF/RO - A pilot scale study. <i>Desalination and Water Treatment</i> , 2009, 6, 197-203.	1.0	17
77	Treatment of Micropollutants in Water and Wastewater. <i>Water Intelligence Online</i> , 0, 9, .	0.3	27
78	The Effects of Solids Retention Time in Full-Scale Activated Sludge Basins on Trace Organic Contaminant Concentrations. <i>Proceedings of the Water Environment Federation</i> , 2010, 2010, 605-621.	0.0	0
80	Occurrence of Herbicides and Pharmaceutical and Personal Care Products in Surface Water and Groundwater around Liberty Bay, Puget Sound, Washington. <i>Journal of Environmental Quality</i> , 2010, 39, 1173-1180.	1.0	110
81	Pharmaceutical Ingredients in Drinking Water: Overview of Occurrence and Significance of Human Exposure. <i>ACS Symposium Series</i> , 2010, , 9-68.	0.5	28
82	Removal of Endocrine Disrupting Compounds Using Molecularly Imprinted Polymers: A Review. <i>ACS Symposium Series</i> , 2010, , 7-23.	0.5	2
83	A highly sensitive caffeine immunoassay based on a monoclonal antibody. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 2617-2628.	1.9	43
84	Biological Analysis of Endocrine-Disrupting Compounds in Tunisian Sewage Treatment Plants. <i>Archives of Environmental Contamination and Toxicology</i> , 2010, 59, 1-12.	2.1	34
85	Development of a multi-residue analytical method, based on liquid chromatography-tandem mass spectrometry, for the simultaneous determination of 46 micro-contaminants in aqueous samples. <i>Journal of Chromatography A</i> , 2010, 1217, 6511-6521.	1.8	170
86	Occurrence and removal of PPCPs in municipal and hospital wastewaters in Greece. <i>Journal of Hazardous Materials</i> , 2010, 179, 804-817.	6.5	270
87	Seasonal variations in the occurrence and distribution of estrogens and pharmaceuticals in the Zhangweinyun River System. <i>Science Bulletin</i> , 2010, 55, 3138-3144.	1.7	17
88	Occurrence of Emerging Contaminants in Brazilian Drinking Waters: A Sewage-To-Tap Issue. <i>Water, Air, and Soil Pollution</i> , 2010, 206, 57-67.	1.1	158
89	Implication of global environmental changes on chemical toxicity-effect of water temperature, pH, and ultraviolet B irradiation on acute toxicity of several pharmaceuticals in <i>Daphnia magna</i> . <i>Ecotoxicology</i> , 2010, 19, 662-669.	1.1	90
90	Enzymatic alterations and RNA/DNA ratio in intestine of rainbow trout, <i>Oncorhynchus mykiss</i> , induced by chronic exposure to carbamazepine. <i>Ecotoxicology</i> , 2010, 19, 872-878.	1.1	41
91	Occurrence of endocrine disrupting compounds, pharmaceuticals, and personal care products in the Han River (Seoul, South Korea). <i>Science of the Total Environment</i> , 2010, 408, 636-643.	3.9	312
92	Estrogenic and AhR activities in dissolved phase and suspended solids from wastewater treatment plants. <i>Science of the Total Environment</i> , 2010, 408, 2608-2615.	3.9	36
93	Occurrence and risk assessment of acidic pharmaceuticals in the Yellow River, Hai River and Liao River of north China. <i>Science of the Total Environment</i> , 2010, 408, 3139-3147.	3.9	157

#	ARTICLE	IF	CITATIONS
94	Light induced degradation of testosterone in waters. <i>Science of the Total Environment</i> , 2010, 408, 3554-3559.	3.9	24
95	Pharmaceuticals, personal care products and endocrine-disrupting chemicals in U.S. surface and finished drinking waters: A proposed ranking system. <i>Science of the Total Environment</i> , 2010, 408, 5972-5989.	3.9	224
96	Impacts of emerging organic contaminants on freshwater resources: Review of recent occurrences, sources, fate and effects. <i>Science of the Total Environment</i> , 2010, 408, 6062-6069.	3.9	860
97	Occurrence and fate of pharmaceuticals in wastewater treatment plants and rivers in Korea. <i>Environmental Pollution</i> , 2010, 158, 1938-1947.	3.7	245
98	Fouling control in a submerged membrane bioreactor by the membrane surface modification. <i>Journal of Applied Polymer Science</i> , 2010, 115, 2302-2309.	1.3	17
99	Photodegradation of tetracyclines in aqueous solution by using UV and UV/H ₂ O ₂ oxidation processes. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 1325-1333.	1.6	222
100	Ecotoxicological aspects related to the presence of pharmaceuticals in the aquatic environment. <i>Journal of Hazardous Materials</i> , 2010, 175, 45-95.	6.5	1,166
101	Immunochemical determination of oxytetracycline in fish: Comparison between enzymatic and time-resolved fluorometric assays. <i>Analytica Chimica Acta</i> , 2010, 662, 177-185.	2.6	54
102	Kinetic modelling of TOC removal in the photocatalytic ozonation of diclofenac aqueous solutions. <i>Applied Catalysis B: Environmental</i> , 2010, 100, 289-298.	10.8	50
103	Degradation study of 15 emerging contaminants at low concentration by immobilized TiO ₂ in a pilot plant. <i>Catalysis Today</i> , 2010, 151, 107-113.	2.2	138
104	Determination of pharmaceuticals in soils and sediments by pressurized liquid extraction and liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 2471-2483.	1.8	168
105	Removal of pharmaceuticals in microcosm constructed wetlands using <i>Typha</i> spp. and LECA. <i>Bioresource Technology</i> , 2010, 101, 886-892.	4.8	157
106	Removal of pharmaceutical compounds in membrane bioreactors (MBR) applying submerged membranes. <i>Desalination</i> , 2010, 261, 148-156.	4.0	139
107	Contamination of Pharmaceutical and Personal Care Products in Sewage Treatment Plants and Surface Waters in South Korea and their Removal during Activated Sludge Treatment. <i>Journal of Environmental Chemistry</i> , 2010, 20, 127-135.	0.1	6
108	Comportamento e impacto ambiental de antibióticos usados na produção animal brasileira. <i>Revista Brasileira De Ciencia Do Solo</i> , 2010, 34, 601-616.	0.5	61
109	Wastewater Reuse in the Mediterranean Area of Catalonia, Spain: Case Study of Reuse of Tertiary Effluent from a Wastewater Treatment Plant at el Prat de Llobregat (Barcelona). <i>Handbook of Environmental Chemistry</i> , 2010, , 249-294.	0.2	3
110	Removal of trace organic pollutants and removal mechanisms using catalyst-immobilized resin/ultrafiltration hybrid system. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2010, 59, 100-110.	0.6	4
111	Removal of Androgens and Estrogens from Water by Reactive Materials. <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering</i> , 2010, , .	0.0	0

#	ARTICLE	IF	CITATIONS
112	Advanced Oxidation Treatment of Drinking Water: Part I. Occurrence and Removal of Pharmaceuticals and Endocrine-Disrupting Compounds from Lake Huron Water. <i>Ozone: Science and Engineering</i> , 2010, 32, 217-229.	1.4	36
113	Mass balance analysis of triclosan, diethyltoluamide, crotamiton and carbamazepine in sewage treatment plants. <i>Water Science and Technology</i> , 2010, 61, 1739-1747.	1.2	42
114	Fate of selected pharmaceuticals and personal care products after secondary wastewater treatment processes in Taiwan. <i>Water Science and Technology</i> , 2010, 62, 2450-2458.	1.2	56
115	Fate and levels of steroid oestrogens and androgens in waste stabilisation ponds: quantification by liquid chromatography-tandem mass spectrometry. <i>Water Science and Technology</i> , 2010, 61, 677-684.	1.2	13
116	Screening of pharmaceuticals and endocrine disrupting compounds in water supplies of Cyprus. <i>Water Science and Technology</i> , 2010, 62, 2720-2728.	1.2	25
117	Elimination of Two Hormones by Ultrasonic and Ozone Combined Processes. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 07HE09.	0.8	9
118	Pharmaceuticals and personal care products in effluent matrices: A survey of transformation and removal during wastewater treatment and implications for wastewater management. <i>Journal of Environmental Monitoring</i> , 2010, 12, 1956.	2.1	286
119	Influence of Alkalinity and Salinity on the Sonochemical Degradation of Estrogen Hormones in Aqueous Solution. <i>Environmental Science & Technology</i> , 2010, 44, 1373-1379.	4.6	35
120	Pharmaceutical Formulation Facilities as Sources of Opioids and Other Pharmaceuticals to Wastewater Treatment Plant Effluents. <i>Environmental Science & Technology</i> , 2010, 44, 4910-4916.	4.6	236
121	Characterization of additional sewage treatment technologies: Ecotoxicological effects and levels of selected pharmaceuticals, hormones and endocrine disruptors. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1612-1619.	2.9	31
122	Occurrence and removal of pharmaceuticals, caffeine and DEET in wastewater treatment plants of Beijing, China. <i>Water Research</i> , 2010, 44, 417-426.	5.3	384
123	Investigating the chlorination of acidic pharmaceuticals and by-product formation aided by an experimental design methodology. <i>Water Research</i> , 2010, 44, 243-255.	5.3	92
124	An evaluation of a pilot-scale nonthermal plasma advanced oxidation process for trace organic compound degradation. <i>Water Research</i> , 2010, 44, 493-504.	5.3	143
125	Degradation of fifteen emerging contaminants at 10^{-4} initial concentrations by mild solar photo-Fenton in MWTP effluents. <i>Water Research</i> , 2010, 44, 545-554.	5.3	293
126	Assessment of full-scale natural systems for the removal of PPCPs from wastewater in small communities. <i>Water Research</i> , 2010, 44, 1429-1439.	5.3	208
127	Removal of pharmaceuticals from water: Using liquid-core microcapsules as a novel approach. <i>Water Research</i> , 2010, 44, 2314-2324.	5.3	40
128	Comprehensive assessment of the design configuration of constructed wetlands for the removal of pharmaceuticals and personal care products from urban wastewaters. <i>Water Research</i> , 2010, 44, 3669-3678.	5.3	224
129	Endocrine disruption and consequences of chronic exposure to ibuprofen in Japanese medaka (<i>Oryzias latipes</i>). <i>Environmental Science & Technology</i> , 2010, 44, 256-264.	1.9	234

#	ARTICLE	IF	CITATIONS
130	Triclosan persistence through wastewater treatment plants and its potential toxic effects on river biofilms. <i>Aquatic Toxicology</i> , 2010, 100, 346-353.	1.9	149
131	Pharmacologically active compounds in the environment and their chirality. <i>Chemical Society Reviews</i> , 2010, 39, 4466.	18.7	342
132	Application of Photo-Fenton as a Tertiary Treatment of Emerging Contaminants in Municipal Wastewater.. <i>Environmental Science & Technology</i> , 2010, 44, 1792-1798.	4.6	166
133	Physico-chemical pre-treatment and biotransformation of wastewater and wastewater Sludge " Fate of bisphenol A. <i>Chemosphere</i> , 2010, 78, 923-941.	4.2	164
134	In ovo nanoinjection of triclosan, diclofenac and carbamazepine affects embryonic development of medaka fish (<i>Oryzias latipes</i>). <i>Chemosphere</i> , 2010, 79, 966-973.	4.2	69
135	Removal of sulfadiazine, sulfamethizole, sulfamethoxazole, and sulfathiazole from aqueous solution by ozonation. <i>Chemosphere</i> , 2010, 79, 814-820.	4.2	146
136	Effect of human pharmaceutical Carbamazepine on the quality parameters and oxidative stress in common carp (<i>Cyprinus carpio</i> L.) spermatozoa. <i>Chemosphere</i> , 2010, 80, 530-534.	4.2	63
137	Prediction of carbamazepine in sewage treatment plant effluents and its implications for control strategies of pharmaceutical aquatic contamination. <i>Chemosphere</i> , 2010, 80, 1345-1352.	4.2	45
138	Supported liquid membrane extraction with single hollow fiber for the analysis of fluoroquinolones from environmental surface water samples. <i>Journal of Chromatography A</i> , 2010, 1217, 3590-3597.	1.8	41
139	Organic micropollutant removal from wastewater effluent-impacted drinking water sources during bank filtration and artificial recharge. <i>Water Research</i> , 2010, 44, 4003-4014.	5.3	87
140	Xenobiotics Removal by Membrane Technology: An Overview. <i>Environmental Pollution</i> , 2010, , 307-338.	0.4	5
141	Implications of human pharmaceutical occurrence in the Sindian river of Taiwan: A strategic study of risk assessment. <i>Journal of Environmental Monitoring</i> , 2010, 12, 261-270.	2.1	19
142	Occurrence of estrogenic chemicals in South Korean surface waters and municipal wastewaters. <i>Journal of Environmental Monitoring</i> , 2011, 13, 101-109.	2.1	52
143	Occurrence and behavior of non-steroidal anti-inflammatory drugs and lipid regulators in wastewater and urban river water of the Pearl River Delta, South China. <i>Journal of Environmental Monitoring</i> , 2011, 13, 855.	2.1	46
144	Occurrence and behavior of pharmaceuticals, steroid hormones, and endocrine-disrupting personal care products in wastewater and the recipient river water of the Pearl River Delta, South China. <i>Journal of Environmental Monitoring</i> , 2011, 13, 871.	2.1	135
145	Removal of Pharmaceutical and Personal Care Products from Reverse Osmosis Retentate Using Advanced Oxidation Processes. <i>Environmental Science & Technology</i> , 2011, 45, 3665-3671.	4.6	140
146	A SPE-LC-MS/MS Method for the Detection of Low Concentrations of Pharmaceuticals in Industrial Waste Streams. <i>Analytical Letters</i> , 2011, 44, 2808-2820.	1.0	4
147	Estrogenic activity profiles and risks in surface waters and sediments of the Pearl River system in South China assessed by chemical analysis and in vitro bioassay. <i>Journal of Environmental Monitoring</i> , 2011, 13, 813-821.	2.1	94

#	ARTICLE	IF	CITATIONS
148	Occurrence and fate of pharmaceuticals and personal care products in drinking water in southern China. <i>Journal of Environmental Monitoring</i> , 2011, 13, 3097.	2.1	64
149	Seasonal Variation in the Occurrence and Removal of Pharmaceuticals and Personal Care Products in Different Biological Wastewater Treatment Processes. <i>Environmental Science & Technology</i> , 2011, 45, 3341-3348.	4.6	323
150	Review: Source, Fate, Toxicological Effect and Removal Technology of Pharmaceuticals in the Environment. <i>Geosystem Engineering</i> , 2011, 14, 35-42.	0.7	5
152	Synthesis of Fe ₃ O ₄ Nanocrystals and Application in Photocatalytic Degradation of Levofloxacin Lactate. <i>Materials Science Forum</i> , 0, 688, 376-382.	0.3	7
153	Appropriate Dose for Degradation of Levofloxacin Lactate: Gamma Radiolysis and Assessment of Degradation Product Activity and Cytotoxicity. <i>Environmental Engineering Science</i> , 2011, 28, 183-189.	0.8	7
154	Estrogenic effect of effluent from municipal sewage treatment plant on juvenile goldfish (<i>Carassius auratus</i>) Tj ETQq1 1 0.784314 rgBT /Overbo		
155	Waste Water Treatment and Reuse in the Mediterranean Region. <i>Handbook of Environmental Chemistry</i> , 2011, , .	0.2	6
156	Polymeric Particles for the Removal of Endocrine Disruptors. <i>Separation and Purification Reviews</i> , 2011, 40, 312-337.	2.8	12
157	Acute toxicity of carbamazepine to juvenile rainbow trout (<i>Oncorhynchus mykiss</i>): Effects on antioxidant responses, hematological parameters and hepatic EROD. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 319-327.	2.9	144
158	Effects of sewage effluent remediation on body size, somatic RNA: DNA ratio, and markers of chemical exposure in three-spined sticklebacks. <i>Environment International</i> , 2011, 37, 158-169.	4.8	25
159	Evaluating environmental impact of STPs situated on streams in the Czech Republic: An integrated approach to biomonitoring the aquatic environment. <i>Water Research</i> , 2011, 45, 1403-1413.	5.3	35
160	Occurrence and removal of pharmaceuticals and hormones through drinking water treatment. <i>Water Research</i> , 2011, 45, 1432-1442.	5.3	540
161	Laccase-catalyzed oxidation of oxybenzone in municipal wastewater primary effluent. <i>Water Research</i> , 2011, 45, 1921-1932.	5.3	75
162	Pilot-scale evaluation of ozone and biological activated carbon for trace organic contaminant mitigation and disinfection. <i>Water Research</i> , 2011, 45, 2155-2165.	5.3	238
163	Removal of trace organics by MBR treatment: The role of molecular properties. <i>Water Research</i> , 2011, 45, 2439-2451.	5.3	402
164	Occurrence and fate of bulk organic matter and pharmaceutically active compounds in managed aquifer recharge: A review. <i>Water Research</i> , 2011, 45, 3015-3033.	5.3	156
165	Role of biodegradation in the removal of pharmaceutically active compounds with different bulk organic matter characteristics through managed aquifer recharge: Batch and column studies. <i>Water Research</i> , 2011, 45, 4722-4736.	5.3	109
166	Enantiospecific fate of ibuprofen, ketoprofen and naproxen in a laboratory-scale membrane bioreactor. <i>Water Research</i> , 2011, 45, 6249-6258.	5.3	45

#	ARTICLE	IF	CITATIONS
167	Reconnaissance of selected PPCP compounds in Costa Rican surface waters. <i>Water Research</i> , 2011, 45, 6709-6717.	5.3	148
168	Review of Ozone for Water Reuse Applications: Toxicity, Regulations, and Trace Organic Contaminant Oxidation. <i>Ozone: Science and Engineering</i> , 2011, 33, 253-266.	1.4	90
169	Sorption of emerging trace organic compounds onto wastewater sludge solids. <i>Water Research</i> , 2011, 45, 3417-3426.	5.3	203
170	Occurrence and removal of antibiotics, hormones and several other pharmaceuticals in wastewater treatment plants of the largest industrial city of Korea. <i>Science of the Total Environment</i> , 2011, 409, 4351-4360.	3.9	547
173	Environmental Review & Case Study: Evaluating the Significance of Certain Pharmaceuticals and Emerging Pathogens in Raw Water Supplies. <i>Environmental Practice</i> , 2011, 13, 198-215.	0.3	5
175	Indices of stress in three-spined sticklebacks <i>Gasterosteus aculeatus</i> in relation to extreme weather events and exposure to wastewater effluent. <i>Journal of Fish Biology</i> , 2011, 79, 256-279.	0.7	12
176	Nationwide monitoring of selected antibiotics: Distribution and sources of sulfonamides, trimethoprim, and macrolides in Japanese rivers. <i>Science of the Total Environment</i> , 2011, 409, 5305-5312.	3.9	113
177	Therapeutic dose as the point of departure in assessing potential health hazards from drugs in drinking water and recycled municipal wastewater. <i>Regulatory Toxicology and Pharmacology</i> , 2011, 60, 1-19.	1.3	88
178	Assessing estrogenic activity in surface water and sediment of the Liao River system in northeast China using combined chemical and biological tools. <i>Environmental Pollution</i> , 2011, 159, 148-156.	3.7	146
179	Screening of pharmaceuticals and hormones at the regional scale, in surface and groundwaters intended to human consumption. <i>Environmental Pollution</i> , 2011, 159, 2929-2934.	3.7	356
180	Occurrence and distribution of antibiotics in coastal water of the Bohai Bay, China: Impacts of river discharge and aquaculture activities. <i>Environmental Pollution</i> , 2011, 159, 2913-2920.	3.7	398
181	Emerging pollutants in wastewater: A review of the literature. <i>International Journal of Hygiene and Environmental Health</i> , 2011, 214, 442-448.	2.1	955
182	Removal of estrogens through water disinfection processes and formation of by-products. <i>Chemosphere</i> , 2011, 82, 789-799.	4.2	99
183	Assessment of fates of estrogens in wastewater and sludge from various types of wastewater treatment plants. <i>Chemosphere</i> , 2011, 82, 1448-1453.	4.2	72
184	Detection of pharmaceutically active compounds in the rivers and tap water of the Madrid Region (Spain) and potential ecotoxicological risk. <i>Chemosphere</i> , 2011, 84, 1336-1348.	4.2	300
185	Bromination of selected pharmaceuticals in water matrices. <i>Chemosphere</i> , 2011, 85, 1430-1437.	4.2	24
186	Development of an ultra-high-performance liquid chromatography-tandem mass spectrometry method for high throughput determination of organophosphorus flame retardants in environmental water. <i>Journal of Chromatography A</i> , 2011, 1218, 6705-6711.	1.8	152
187	A preliminary study on the occurrence and behavior of carbamazepine (CBZ) in aquatic environment of Yangtze River Delta, China. <i>Environmental Monitoring and Assessment</i> , 2011, 173, 45-53.	1.3	61

#	ARTICLE	IF	CITATIONS
188	Occurrence of pharmaceuticals and hormones in drinking water treated from surface waters. <i>Environmental Chemistry Letters</i> , 2011, 9, 103-114.	8.3	203
189	Assessment of the occurrence and distribution of pharmaceuticals in a Mediterranean wetland (L'Albufera, Valencia, Spain) by LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 1287-1301.	1.9	77
190	The occurrence and fate of anti-inflammatory and analgesic pharmaceuticals in sewage and fresh water: Treatability by conventional and non-conventional processes. <i>Journal of Hazardous Materials</i> , 2011, 187, 24-36.	6.5	285
191	Simultaneous activated carbon adsorption within a membrane bioreactor for an enhanced micropollutant removal. <i>Bioresource Technology</i> , 2011, 102, 5319-5324.	4.8	115
192	Is halogen content the most important factor in the removal of halogenated trace organics by MBR treatment?. <i>Bioresource Technology</i> , 2011, 102, 6299-6303.	4.8	47
193	Micropollutant sorption to membrane polymers: A review of mechanisms for estrogens. <i>Advances in Colloid and Interface Science</i> , 2011, 164, 100-117.	7.0	225
194	Occurrence of endocrine disrupting compounds and pharmaceuticals in 11 WWTPs in Seoul, Korea. <i>KSCE Journal of Civil Engineering</i> , 2011, 15, 57-64.	0.9	42
195	The effect of environmental micropollutant (DEET) on the expression of cell cycle and apoptosis regulatory proteins in human cells. <i>Biotechnology and Bioprocess Engineering</i> , 2011, 16, 400-406.	1.4	6
196	Factors that have an effect on degradation of diclofenac in aqueous solution by gamma ray irradiation. <i>Environmental Science and Pollution Research</i> , 2011, 18, 1243-1252.	2.7	34
198	Evaluation of a membrane bioreactor and nanofiltration for municipal wastewater reclamation: Trace contaminant control and fouling mitigation. <i>Desalination</i> , 2011, 272, 128-134.	4.0	64
199	Evaluating controllability of pharmaceuticals and metabolites in biologically engineered processes, using corresponding octanol-water distribution coefficient. <i>Ecological Engineering</i> , 2011, 37, 1595-1600.	1.6	42
200	Degradation of persistent pharmaceuticals in aqueous solutions by a positive dielectric barrier discharge treatment. <i>Journal of Electrostatics</i> , 2011, 69, 333-338.	1.0	56
201	Removal of antimicrobials using advanced wastewater treatment. <i>Journal of Hazardous Materials</i> , 2011, 192, 319-28.	6.5	34
202	Occurrence and fate of pharmaceuticals and personal care products in Taiwan's aquatic environment. <i>Desalination and Water Treatment</i> , 2011, 32, 57-64.	1.0	33
203	Fate of Estrogens and Estrogenic Potentials in Sewerage Systems. <i>Critical Reviews in Environmental Science and Technology</i> , 2011, 41, 1231-1270.	6.6	22
204	The association between nC_{60} and 17 β -ethinylestradiol (EE2) decreases EE2 bioavailability in zebrafish and alters nanoaggregate characteristics. <i>Nanotoxicology</i> , 2011, 5, 406-416.	1.6	35
206	Strategies to enhance the removal of the persistent pharmaceutically active compound carbamazepine by membrane bioreactors. <i>Desalination and Water Treatment</i> , 2011, 34, 402-407.	1.0	5
207	The remediation of hormonal contaminants using sorptive materials. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
208	Removal of typical endocrine disrupting chemicals by membrane bioreactor: in comparison with sequencing batch reactor. <i>Water Science and Technology</i> , 2011, 64, 2096-2102.	1.2	13
209	The removal and degradation of pharmaceutical compounds during membrane bioreactor treatment. <i>Water Science and Technology</i> , 2012, 65, 833-839.	1.2	46
210	Efficiency of RO/NF membranes at the removal of veterinary antibiotics. <i>Water Science and Technology</i> , 2012, 65, 317-323.	1.2	25
211	Sonopholytic Degradation of Estriol at Various Ultraviolet Wavelength in Aqueous Solution. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 07GD11.	0.8	1
212	Limitation of Membrane Technology and Prevention of Membrane Fouling. , 2012, , 504-532.		1
213	Adsorption Characters of 17 β -Ethinylestradiol by Activated Carbon. <i>Advanced Materials Research</i> , 2012, 468-471, 767-770.	0.3	1
214	A Study on the Distribution Characteristics and Treatability of Environmental Endocrine Disrupters (EEDs) in Municipal Wastewater. <i>Applied Mechanics and Materials</i> , 2012, 209-211, 2032-2038.	0.2	0
215	Proapoptotic effect of a micropollutant (tris-(2-chloroethyl)-phosphate) at environmental level in primary cultured renal proximal tubule cells. <i>Journal of Water and Health</i> , 2012, 10, 522-530.	1.1	13
216	Best Practice Guide on Metals Removal from Drinking Water by Treatment. <i>Water Intelligence Online</i> , 0, 11, .	0.3	2
217	Application of Ozonation, UV Photolysis, Fenton Treatment and other Related Processes for Degradation of Ibuprofen and Sulfamethoxazole in Different Aqueous Matrices. <i>Journal of Advanced Oxidation Technologies</i> , 2012, 15, .	0.5	11
218	Ozone degradation of chloramphenicol: efficacy, products and toxicity. <i>International Journal of Environmental Technology and Management</i> , 2012, 15, 180.	0.1	8
219	Phototransformation of Cephalosporin Antibiotics in an Aqueous Environment Results in Higher Toxicity. <i>Environmental Science & Technology</i> , 2012, 46, 12417-12426.	4.6	217
220	Optimisation of bisphenol A removal from water using chemically modified pine bark and almond shell. <i>Chemistry and Ecology</i> , 2012, 28, 141-152.	0.6	10
221	Occurrence of antibiotics in water, sediments, aquatic plants, and animals from Baiyangdian Lake in North China. <i>Chemosphere</i> , 2012, 89, 1307-1315.	4.2	422
222	Paracetamol degradation intermediates and toxicity during photo-Fenton treatment using different iron species. <i>Water Research</i> , 2012, 46, 5374-5380.	5.3	83
223	Environmental assessment of estrogenic pollutants in Nam River of Korea using indirect competitive ELISA and E-screen assay. <i>Toxicology and Environmental Health Sciences</i> , 2012, 4, 262-268.	1.1	2
225	Multi-residue determination of pharmaceutical and personal care products in vegetables. <i>Journal of Chromatography A</i> , 2012, 1254, 78-86.	1.8	114
226	Determination of Organophosphorus Flame Retardants in Surface Water by Solid Phase Extraction Coupled with Gas Chromatography-Mass Spectrometry. <i>Chinese Journal of Analytical Chemistry</i> , 2012, 40, 1693-1697.	0.9	38

#	ARTICLE	IF	CITATIONS
227	Risk assessment on the presence of pharmaceuticals in sediments, soils and waters of the Pego-Oliva Marshlands (Valencia, eastern Spain). <i>Science of the Total Environment</i> , 2012, 440, 24-32.	3.9	164
228	Organophosphorus Flame Retardants and Plasticizers in Airborne Particles over the Northern Pacific and Indian Ocean toward the Polar Regions: Evidence for Global Occurrence. <i>Environmental Science & Technology</i> , 2012, 46, 3127-3134.	4.6	230
229	Bioremediation of industrial pharmaceutical drugs. <i>Drug and Chemical Toxicology</i> , 2012, 35, 235-240.	1.2	19
230	Effect of the Alcohol Cosolvent in the Removal of Caffeine by Activated Carbons. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 9850-9857.	1.8	14
231	Proteomic Analysis of 17 β -Estradiol Degradation by <i>Stenotrophomonas maltophilia</i> . <i>Environmental Science & Technology</i> , 2012, 46, 5947-5955.	4.6	74
232	The removal of endocrine disrupting compounds, pharmaceutically activated compounds and cyanobacterial toxins during drinking water preparation using activated carbon—A review. <i>Science of the Total Environment</i> , 2012, 435-436, 509-525.	3.9	185
233	Pharmaceuticals and personal care products (PPCPs) in treated wastewater discharges into Charleston Harbor, South Carolina. <i>Science of the Total Environment</i> , 2012, 437, 1-9.	3.9	132
234	Selective serotonin re-uptake inhibitors (SSRIs) in the aquatic environment: An ecopharmacovigilance approach. <i>Science of the Total Environment</i> , 2012, 437, 185-195.	3.9	145
235	TiO ₂ and Fe (III) photocatalytic ozonation processes of a mixture of emergent contaminants of water. <i>Water Research</i> , 2012, 46, 152-166.	5.3	56
236	Ozonation and biological activated carbon filtration of wastewater treatment plant effluents. <i>Water Research</i> , 2012, 46, 863-872.	5.3	297
237	The potential for a suite of isotope and chemical markers to differentiate sources of nitrate contamination: A review. <i>Water Research</i> , 2012, 46, 2023-2041.	5.3	155
238	Removing 17 β -estradiol from drinking water in a biologically active carbon (BAC) reactor modified from a granular activated carbon (GAC) reactor. <i>Water Research</i> , 2012, 46, 2828-2836.	5.3	33
239	Chemical coagulation-based processes for trace organic contaminant removal: Current state and future potential. <i>Journal of Environmental Management</i> , 2012, 111, 195-207.	3.8	163
240	Degradation and toxicity assessment of sulfamethoxazole and chlortetracycline using electron beam, ozone and UV. <i>Journal of Hazardous Materials</i> , 2012, 227-228, 237-242.	6.5	109
241	Complete detoxification of tris(2-chloroethyl) phosphate by two bacterial strains: <i>Sphingobium</i> sp. strain TCM1 and <i>Xanthobacter autotrophicus</i> strain GJ10. <i>Journal of Bioscience and Bioengineering</i> , 2012, 114, 306-311.	1.1	15
242	Does non-steroidal anti-inflammatory (NSAID) ibuprofen induce antioxidant stress and endocrine disruption in mussel <i>Mytilus galloprovincialis</i> ?. <i>Environmental Toxicology and Pharmacology</i> , 2012, 33, 361-371.	2.0	111
243	Effects of Ibuprofen on hematological, biochemical and enzymological parameters of blood in an Indian major carp, <i>Cirrhinus mrigala</i> . <i>Environmental Toxicology and Pharmacology</i> , 2012, 34, 14-22.	2.0	100
244	A unified model for quantification of concentration polarization (CP) of particles during cross-flow membrane filtration. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 407, 99-107.	2.3	13

#	ARTICLE	IF	CITATIONS
245	Pharmaceuticals in Drinking Water. Handbook of Environmental Chemistry, 2012, , 47-70.	0.2	22
246	Adsorption Studies on the Removal of an Endocrine-Disrupting Compound (Bisphenol A) using Activated Carbon from Rice Straw Agricultural Waste. Separation Science and Technology, 2012, 47, 1514-1521.	1.3	73
248	Photochemical Formation of Hydroxyl Radical from Effluent Organic Matter. Environmental Science & Technology, 2012, 46, 3788-3794.	4.6	165
249	Heterogeneous oxidation of naproxen in the presence of γ -MnO ₂ nanostructures with different morphologies. Applied Catalysis B: Environmental, 2012, 127, 182-189.	10.8	54
250	Membrane bioreactor and nanofiltration hybrid system for reclamation of municipal wastewater: Removal of nutrients, organic matter and micropollutants. Bioresource Technology, 2012, 122, 181-188.	4.8	98
251	Harnessing the power of enzymes for environmental stewardship. Biotechnology Advances, 2012, 30, 933-953.	6.0	158
252	pH Effect on Ozonation of Ampicillin: Kinetic Study and Toxicity Assessment. Ozone: Science and Engineering, 2012, 34, 156-162.	1.4	20
253	Biodegradation of sulfamethoxazole: current knowledge and perspectives. Applied Microbiology and Biotechnology, 2012, 96, 309-318.	1.7	109
254	Environmental Risk Assessment for Human Pharmaceuticals: The Current State of International Regulations. Emerging Topics in Ecotoxicology, 2012, , 17-47.	1.5	4
255	Wastewater and Drinking Water Treatment Technologies. Emerging Topics in Ecotoxicology, 2012, , 225-255.	1.5	4
256	Application of Ozone Involving Advanced Oxidation Processes to Remove Some Pharmaceutical Compounds from Urban Wastewaters. Ozone: Science and Engineering, 2012, 34, 3-15.	1.4	37
257	Adsorption of pharmaceutical compounds and an endocrine disruptor from aqueous solutions by carbon materials. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2012, 47, 640-652.	0.7	104
258	Antimicrobial Residues and Antimicrobial-Resistant Bacteria: Impact on the Microbial Environment and Risk to Human Health—A Review. Human and Ecological Risk Assessment (HERA), 2012, 18, 767-809.	1.7	67
259	Risk assessment of chlortetracycline, oxytetracycline, sulfamethazine, sulfathiazole, and erythromycin in aquatic environment: are the current environmental concentrations safe?. Ecotoxicology, 2012, 21, 2031-2050.	1.1	113
260	Implementing a protocol for selection and prioritisation of organic contaminants in the drinking water value chain: Case study of Rand Water, South Africa. Water S A, 2012, 38, .	0.2	7
261	Multi-residue analytical methods for the determination of pesticides and PPCPs in water by LC-MS/MS: a review. Open Chemistry, 2012, 10, 876-899.	1.0	24
262	TiO ₂ -assisted photodegradation of pharmaceuticals — a review. Open Chemistry, 2012, 10, 989-1027.	1.0	42
263	Identification of Trace Organic Pollutants in Drinking Water and the Associated Human Health Risks in Jiangsu Province, China. Bulletin of Environmental Contamination and Toxicology, 2012, 88, 880-884.	1.3	16

#	ARTICLE	IF	CITATIONS
264	Occurrence of psychoactive compounds and their metabolites in groundwater downgradient of a decommissioned sewage farm in Berlin (Germany). <i>Environmental Science and Pollution Research</i> , 2012, 19, 2096-2106.	2.7	16
265	RO/NF membrane treatment of veterinary pharmaceutical wastewater: comparison of results obtained on a laboratory and a pilot scale. <i>Environmental Science and Pollution Research</i> , 2012, 19, 1033-1042.	2.7	31
266	Isolation and characterization of <i>Pseudomonas</i> sp. DX7 capable of degrading sulfadoxine. <i>Biodegradation</i> , 2012, 23, 431-439.	1.5	28
267	Oxidation of bisoprolol in heated persulfate/H ₂ O systems: Kinetics and products. <i>Chemical Engineering Journal</i> , 2012, 183, 162-171.	6.6	336
268	Emerging pollutants in sewage, surface and drinking water in Galicia (NW Spain). <i>Chemosphere</i> , 2012, 86, 1040-1049.	4.2	332
269	Interaction of bisphenol A with dissolved organic matter in extractive and adsorptive removal processes. <i>Chemosphere</i> , 2012, 87, 857-864.	4.2	26
270	SMX degradation by ozonation and UV radiation: A kinetic study. <i>Chemosphere</i> , 2012, 87, 1134-1140.	4.2	61
271	Enzymatic and microbial transformation assays for the evaluation of the environmental fate of diclofenac and its metabolites. <i>Chemosphere</i> , 2012, 87, 969-974.	4.2	33
272	Evaluating pharmaceuticals and caffeine as indicators of fecal contamination in drinking water sources of the Greater Montreal region. <i>Chemosphere</i> , 2012, 88, 131-139.	4.2	130
273	Phosphorus flame retardants: Properties, production, environmental occurrence, toxicity and analysis. <i>Chemosphere</i> , 2012, 88, 1119-1153.	4.2	2,121
274	Synthesis of polyaspartic acid-melamine grafted copolymer and evaluation of its scale inhibition performance and dispersion capacity for ferric oxide. <i>Desalination</i> , 2012, 286, 285-289.	4.0	64
275	Monitoring of selected estrogenic compounds and estrogenic activity in surface water and sediment of the Yellow River in China using combined chemical and biological tools. <i>Environmental Pollution</i> , 2012, 165, 241-249.	3.7	128
276	Processes for the elimination of estrogenic steroid hormones from water: A review. <i>Environmental Pollution</i> , 2012, 165, 38-58.	3.7	265
277	Neural network modeling of sorption of pharmaceuticals in engineered floodplain filtration system. <i>Expert Systems With Applications</i> , 2012, 39, 6052-6060.	4.4	16
278	Assessment of source water contamination by estrogenic disrupting compounds in China. <i>Journal of Environmental Sciences</i> , 2012, 24, 320-328.	3.2	83
279	Oxidative removal of acetaminophen using zero valent aluminum-acid system: Efficacy, influencing factors, and reaction mechanism. <i>Journal of Environmental Sciences</i> , 2012, 24, 314-319.	3.2	64
280	Removal of amoxicillin by UV and UV/H ₂ O ₂ processes. <i>Science of the Total Environment</i> , 2012, 420, 160-167.	3.9	150
281	Response to the letter to the editor by Maraver et al. (2012). Nicotine traces detected in bottled mineral water. <i>Science of the Total Environment</i> , 2012, 424, 358-359.	3.9	1

#	ARTICLE	IF	CITATIONS
282	Occurrence of pharmaceutical compounds in urban wastewater: Removal, mass load and environmental risk after a secondary treatment – A review. <i>Science of the Total Environment</i> , 2012, 429, 123-155.	3.9	1,681
283	Occurrence of bisphenol A in surface water, drinking water and plasma from Malaysia with exposure assessment from consumption of drinking water. <i>Science of the Total Environment</i> , 2012, 427-428, 332-338.	3.9	164
284	Removal of natural and synthetic endocrine disrupting estrogens by multi-walled carbon nanotubes (MWCNT) as adsorbent: Kinetic and mechanistic evaluation. <i>Separation and Purification Technology</i> , 2012, 87, 22-30.	3.9	59
285	Evaluation of the facilitated transport capabilities of nano- and micro-sized molecularly imprinted polymers (MIPs) in a bulk liquid membrane system. <i>Separation and Purification Technology</i> , 2012, 90, 83-91.	3.9	25
286	Effect of water composition on TiO ₂ photocatalytic removal of endocrine disrupting compounds (EDCs) and estrogenic activity from secondary effluent. <i>Journal of Hazardous Materials</i> , 2012, 215-216, 252-258.	6.5	81
287	Environmental release, environmental concentrations, and ecological risk of N,N-diethyl- <i>p</i> -toluamide (DEET). <i>Integrated Environmental Assessment and Management</i> , 2012, 8, 135-166.	1.6	70
288	The effect of biomass adsorption on the removal of selected pharmaceutical compounds in an immersed membrane bioreactor system. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 232-237.	1.6	23
289	Retinoid X receptor activities of source waters in China and their removal efficiencies during drinking water treatment processes. <i>Science Bulletin</i> , 2012, 57, 595-600.	1.7	10
290	Isolation and characterization of sulfonamide-degrading bacteria <i>Escherichia</i> sp. HS21 and <i>Acinetobacter</i> sp. HS51. <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 447-452.	1.7	49
291	Detection and occurrence of microconstituents in reclaimed water used for irrigation – a potentially overlooked source. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 5925-5935.	1.9	14
292	Removal of TCEP from aqueous solutions by adsorption with zeolites. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 434, 329-338.	2.3	39
293	Occurrence of Bisphenol A, Estrone, 17 β -Estradiol and 17 α -Ethinylestradiol in Portuguese Rivers. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 90, 73-78.	1.3	52
294	Occurrence and distribution of selected pharmaceutical compounds on sewage-impacted section of River Acheloos, Western Greece. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 1602-1619.	1.8	13
295	Comparative uptake and translocation of pharmaceutical and personal care products (PPCPs) by common vegetables. <i>Environment International</i> , 2013, 60, 15-22.	4.8	335
296	Pilot monitoring study of ibuprofen in surface waters of north of Portugal. <i>Environmental Science and Pollution Research</i> , 2013, 20, 2410-2420.	2.7	54
297	Performance evaluation and application of surface-molecular-imprinted polymer-modified TiO ₂ nanotubes for the removal of estrogenic chemicals from secondary effluents. <i>Environmental Science and Pollution Research</i> , 2013, 20, 1431-1440.	2.7	38
298	Implementing Ecopharmacovigilance in Practice: Challenges and Potential Opportunities. <i>Drug Safety</i> , 2013, 36, 533-546.	1.4	65
299	Early responses measured in the brachyuran crab <i>Carcinus maenas</i> exposed to carbamazepine and novobiocin: Application of a 2-tier approach. <i>Ecotoxicology and Environmental Safety</i> , 2013, 97, 47-58.	2.9	43

#	ARTICLE	IF	CITATIONS
300	Combination of upflow anaerobic sludge blanket (UASB) and membrane bioreactor (MBR) for berberine reduction from wastewater and the effects of berberine on bacterial community dynamics. <i>Journal of Hazardous Materials</i> , 2013, 246-247, 34-43.	6.5	57
301	Comparison between sequential and simultaneous application of activated carbon with membrane bioreactor for trace organic contaminant removal. <i>Bioresource Technology</i> , 2013, 130, 412-417.	4.8	46
302	Removal of the insect repellent N,N-diethyl-m-toluamide (DEET) by laccase-mediated systems. <i>Bioresource Technology</i> , 2013, 147, 667-671.	4.8	40
303	Application of ozone for the removal of bisphenol A from water and wastewater – A review. <i>Chemosphere</i> , 2013, 90, 2197-2207.	4.2	190
304	Energy recovery during advanced wastewater treatment: Simultaneous estrogenic activity removal and hydrogen production through solar photocatalysis. <i>Water Research</i> , 2013, 47, 1480-1490.	5.3	29
305	Removal of pharmaceuticals from a WWTP secondary effluent by ultrafiltration/reverse osmosis followed by electrochemical oxidation of the RO concentrate. <i>Desalination</i> , 2013, 331, 26-34.	4.0	186
306	Removal of selected pharmaceuticals from domestic wastewater in an activated sludge system followed by a horizontal subsurface flow bed – Analysis of their respective contributions. <i>Science of the Total Environment</i> , 2013, 454-455, 411-425.	3.9	109
307	Organic xenobiotics removal in constructed wetlands, with emphasis on the importance of the support matrix. <i>Journal of Hazardous Materials</i> , 2013, 252-253, 272-292.	6.5	169
308	Photochemical Formation of Hydroxyl Radical from Effluent Organic Matter: Role of Composition. <i>Environmental Science & Technology</i> , 2013, 47, 12073-12080.	4.6	114
309	Pharmaceuticals and personal care products (PPCPs): A review on environmental contamination in China. <i>Environment International</i> , 2013, 59, 208-224.	4.8	1,050
310	Effects of caustic cleaning on pore size of nanofiltration membranes and their rejection of trace organic chemicals. <i>Journal of Membrane Science</i> , 2013, 447, 153-162.	4.1	82
311	A Review of Pharmaceuticals and Endocrine-Disrupting Compounds: Sources, Effects, Removal, and Detections. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	1.1	234
312	Behaviour of pharmaceuticals and endocrine disrupting chemicals in simplified sewage treatment systems. <i>Journal of Environmental Management</i> , 2013, 128, 718-726.	3.8	69
313	Pharmaceuticals and personal care products in the aquatic environment in China: A review. <i>Journal of Hazardous Materials</i> , 2013, 262, 189-211.	6.5	780
314	Major pharmaceutical residues in wastewater treatment plants and receiving waters in Bangkok, Thailand, and associated ecological risks. <i>Chemosphere</i> , 2013, 91, 697-704.	4.2	133
315	Solar photo-Fenton mineralization of antipyrine in aqueous solution. <i>Journal of Environmental Management</i> , 2013, 130, 64-71.	3.8	16
316	Effects of concentrations and types of natural organic matters on rejection of compounds of emerging concern by nanofiltration. <i>Desalination and Water Treatment</i> , 2013, 51, 6929-6939.	1.0	0
317	Occurrence and ecological hazard assessment of selected veterinary medicines in livestock wastewater treatment plants. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2013, 48, 658-670.	0.7	22

#	ARTICLE	IF	CITATIONS
318	More on sonolytic and sonocatalytic decomposition of Diclofenac using zero-valent iron. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 580-586.	3.8	48
319	Capturing hormones and bisphenol A from water via sustained hydrogen bond driven sorption in polyamide microfiltration membranes. <i>Water Research</i> , 2013, 47, 197-208.	5.3	62
320	Photo-Fenton and modified photo-Fenton at neutral pH for the treatment of emerging contaminants in wastewater treatment plant effluents: A comparison. <i>Water Research</i> , 2013, 47, 833-840.	5.3	238
321	Fates and transport of PPCPs in soil receiving reclaimed water irrigation. <i>Chemosphere</i> , 2013, 93, 2621-2630.	4.2	88
322	An environmental forensic procedure to analyse anthropogenic pressures of urban origin on surface water of protected coastal agro-environmental wetlands (L'Albufera de Valencia Natural Park, Spain). <i>Journal of Hazardous Materials</i> , 2013, 263, 214-223.	6.5	13
323	Spatial and temporal evaluations of estrogenic activity in tap water served by a water plant in Wuhan, China. <i>Ecotoxicology and Environmental Safety</i> , 2013, 91, 198-203.	2.9	7
324	Ultrasonic degradation of acetaminophen and naproxen in the presence of single-walled carbon nanotubes. <i>Journal of Hazardous Materials</i> , 2013, 254-255, 284-292.	6.5	65
325	Spatial and seasonal variations of occurrences and concentrations of endocrine disrupting chemicals in unconfined and confined aquifers recharged by reclaimed water: A field study along the Chaobai River, Beijing. <i>Science of the Total Environment</i> , 2013, 450-451, 162-168.	3.9	51
326	Sonophotocatalytic mineralization of antipyrine in aqueous solution. <i>Applied Catalysis B: Environmental</i> , 2013, 138-139, 318-325.	10.8	40
327	Influencing factors and degradation products of antipyrine chlorination in water with free chlorine. <i>Journal of Environmental Sciences</i> , 2013, 25, 77-84.	3.2	29
328	Reclaimed water: A safe irrigation water source?. <i>Environmental Development</i> , 2013, 8, 74-83.	1.8	128
329	High efficiency removal and recovery of an endocrine disrupting compound"bisphenol AF from wastewaters. <i>Separation and Purification Technology</i> , 2013, 116, 145-153.	3.9	36
330	Removal of emerging contaminants in sewage water subjected to advanced oxidation with ozone. <i>Journal of Hazardous Materials</i> , 2013, 260, 389-398.	6.5	113
331	Simultaneous determination of 76 micropollutants in water samples by headspace solid phase microextraction and gas chromatography"mass spectrometry. <i>Talanta</i> , 2013, 116, 937-945.	2.9	51
332	High-quality effluent and electricity production from non-CEM based flow-through type microbial fuel cell. <i>Chemical Engineering Journal</i> , 2013, 218, 19-23.	6.6	65
333	Oxidation of non-steroidal anti-inflammatory drugs with aqueous permanganate. <i>Water Research</i> , 2013, 47, 3220-3230.	5.3	60
334	Analysis, occurrence and fate of commonly used pharmaceuticals and hormones in the Buyukcekmece Watershed, Turkey. <i>Chemosphere</i> , 2013, 90, 2004-2012.	4.2	103
335	Multi-walled carbon nanotubes as sorbent for recovery of endocrine disrupting compound-bisphenol F from wastewater. <i>Chemical Engineering Journal</i> , 2013, 218, 238-246.	6.6	66

#	ARTICLE	IF	CITATIONS
336	Global Synthesis and Critical Evaluation of Pharmaceutical Data Sets Collected from River Systems. <i>Environmental Science & Technology</i> , 2013, 47, 661-677.	4.6	608
337	Degradation of Diclofenac by Advanced Oxidation and Reduction Processes: Kinetic Studies, Degradation Pathways and Toxicity Assessments. <i>Water Research</i> , 2013, 47, 1909-1918.	5.3	267
338	Occurrence and removal of antibiotics in a municipal wastewater reclamation plant in Beijing, China. <i>Chemosphere</i> , 2013, 92, 435-444.	4.2	123
339	The occurrence of human pharmaceuticals in wastewater effluents and surface water of Langat River and its tributaries, Malaysia. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 245-264.	1.8	90
340	Biofilms in drinking water: problems and solutions. <i>RSC Advances</i> , 2013, 3, 2520-2533.	1.7	142
341	Reaction kinetics and transformation of antipyrine chlorination with free chlorine. <i>Water Research</i> , 2013, 47, 2830-2842.	5.3	49
342	Occurrence and fate of PPCPs and correlations with water quality parameters in urban riverine waters of the Pearl River Delta, South China. <i>Environmental Science and Pollution Research</i> , 2013, 20, 5864-5875.	2.7	87
343	Antimicrobial Contamination Removal from Environmentally Relevant Matrices: A Literature Review and a Comparison of Three Processes for Drinking Water Treatment. <i>Ozone: Science and Engineering</i> , 2013, 35, 73-85.	1.4	10
344	Adsorptive removal of emerging contaminants from water using superparamagnetic Fe ₃ O ₄ nanoparticles bearing aminated β -cyclodextrin. <i>Journal of Environmental Chemical Engineering</i> , 2013, 1, 122-130.	3.3	61
345	Hybrid ozonation-ceramic membrane filtration of surface waters: The effect of water characteristics on permeate flux and the removal of DBP precursors, dicloxacillin and ceftazidime. <i>Separation and Purification Technology</i> , 2013, 107, 179-186.	3.9	43
346	Mechanisms of simultaneous hydrogen production and estrogenic activity removal from secondary effluent through solar photocatalysis. <i>Water Research</i> , 2013, 47, 3173-3182.	5.3	23
347	Removal of natural hormones in dairy farm wastewater using reactive and sorptive materials. <i>Science of the Total Environment</i> , 2013, 461-462, 1-9.	3.9	15
348	Occurrence and removal of pharmaceutical and hormone contaminants in rural wastewater treatment lagoons. <i>Science of the Total Environment</i> , 2013, 445-446, 22-28.	3.9	109
349	Removal of diclofenac by conventional drinking water treatment processes and granular activated carbon filtration. <i>Chemosphere</i> , 2013, 92, 184-191.	4.2	78
350	Fate of drugs during wastewater treatment. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 49, 145-159.	5.8	66
351	Environmental impact of medical prescriptions: assessing the risks and hazards of persistence, bioaccumulation and toxicity of pharmaceuticals. <i>Public Health</i> , 2013, 127, 312-317.	1.4	68
352	Pharmaceuticals suppress algal growth and microbial respiration and alter bacterial communities in stream biofilms. <i>Ecological Applications</i> , 2013, 23, 583-593.	1.8	166
353	The use of different materials to form the intermediate layers of tubular carbon nanofibers/carbon/alumina composite membranes for removing pharmaceuticals from aqueous solutions. <i>Journal of Membrane Science</i> , 2013, 425-426, 121-130.	4.1	21

#	ARTICLE	IF	CITATIONS
354	Tuning the nanofiltration performance of thin film strong polyelectrolyte hydrogel composite membranes by photo-grafting conditions. <i>Journal of Membrane Science</i> , 2013, 427, 129-138.	4.1	30
355	The application of microfiltration-reverse osmosis/nanofiltration to trace organics removal for municipal wastewater reuse. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 3183-3189.	1.2	42
356	Rapid Method for the Separation and Recovery of Endocrine-Disrupting Compound Bisphenol AP from Wastewater. <i>Langmuir</i> , 2013, 29, 3968-3975.	1.6	75
357	Quality assurance in immunoassay performance – carbamazepine immunoassay format evaluation and application on surface and waste water. <i>Analytical Methods</i> , 2013, 5, 3754.	1.3	10
358	Psychoactive Pharmaceuticals in Sludge and Their Emission from Wastewater Treatment Facilities in Korea. <i>Environmental Science & Technology</i> , 2013, 47, 13321-13329.	4.6	47
359	Removal of Carbamazepine from Water by a Novel TiO ₂ –Coconut Shell Powder/UV Process: Composite Preparation and Photocatalytic Activity. <i>Environmental Engineering Science</i> , 2013, 30, 515-526.	0.8	21
360	Pilot-Scale Removal of Trace Steroid Hormones and Pharmaceuticals and Personal Care Products from Municipal Wastewater Using a Heterogeneous Fenton [™] s Catalytic Process. <i>International Journal of Chemical Engineering</i> , 2013, 2013, 1-10.	1.4	24
361	The Effects of Solids Retention Time in Full-Scale Activated Sludge Basins on Trace Organic Contaminant Concentrations. <i>Water Environment Research</i> , 2013, 85, 715-724.	1.3	16
362	Pharmaceuticals in Tap Water: Human Health Risk Assessment and Proposed Monitoring Framework in China. <i>Environmental Health Perspectives</i> , 2013, 121, 839-846.	2.8	211
363	Assessment of endocrine disruptors – DDTs and DEHP (plasticizer) in source water: a case study from Selangor, Malaysia. <i>Journal of Water and Health</i> , 2013, 11, 311-323.	1.1	7
364	The Distribution Characteristics of the Typical Antibiotics in the Aquatic Environment of a City in China. <i>Advanced Materials Research</i> , 0, 807-809, 153-157.	0.3	0
365	A Routine Method for Simultaneous Determination of Three Classes of Antibiotics in Aquaculture Water by SPE-RPLC-UV. <i>Advanced Materials Research</i> , 0, 726-731, 1253-1259.	0.3	6
367	Occurrence of antibiotics as emerging contaminant substances in aquatic environment. <i>International Journal of Environmental Health Research</i> , 2013, 23, 296-310.	1.3	129
368	Removal and transformation of pharmaceuticals in wastewater treatment plants and constructed wetlands. <i>Drinking Water Engineering and Science</i> , 2013, 6, 89-98.	0.8	22
369	Atrazine Removal in Municipal Secondary Effluents by Fenton and Photo-Fenton Treatments. <i>Chemical Engineering and Technology</i> , 2013, 36, 2155-2162.	0.9	26
370	Estrogenic Endocrine Disrupting Chemicals in Fish. <i>Fish Physiology</i> , 2013, 33, 257-307.	0.2	4
371	Removal of Pharmaceuticals by Ultrafiltration (UF), Nanofiltration (NF), and Reverse Osmosis (RO). <i>Comprehensive Analytical Chemistry</i> , 2013, 62, 319-344.	0.7	24
372	Prioritization. <i>Comprehensive Analytical Chemistry</i> , 2013, 62, 71-90.	0.7	8

#	ARTICLE	IF	CITATIONS
373	Occurrence of synthetic hormones in sewage effluents and Langat River and its tributaries, Malaysia. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 1457-1469.	1.8	20
374	Removal of Sulfamethazine by Hypercrosslinked Adsorbents in Aquatic Systems. <i>Journal of Environmental Quality</i> , 2013, 42, 2-9.	1.0	18
375	Membrane Biological Reactors: Theory, Modeling, Design, Management and Applications to Wastewater Reuse. <i>Water Intelligence Online</i> , 0, 12, .	0.3	15
376	Costs of Advanced Treatment in Water Reclamation. <i>Proceedings of the Water Environment Federation</i> , 2013, 2013, 6388-6395.	0.0	1
377	Pharmaceuticals in the Built and Natural Water Environment of the United States. <i>Water (Switzerland)</i> , 2013, 5, 1346-1365.	1.2	42
378	Application of response surface method to carbamazepine removal in photo-ozonation reaction under alkaline condition. <i>Water Science and Technology</i> , 2013, 67, 74-81.	1.2	3
379	Remoção de fármacos e desreguladores endócrinos em estações de tratamento de esgoto: revisão da literatura. <i>Engenharia Sanitaria E Ambiental</i> , 2013, 18, 187-204.	0.1	57
380	Microbial Degradation of Persistent Organophosphorus Flame Retardants. , 0, , .		6
381	Tetracycline: production, waste treatment and environmental impact assessment. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2014, 50, 25-40.	1.2	121
382	A Preliminary Assessment of Endocrine Disrupting Compounds in Vernal Ponds in Central Pennsylvania. , 2014, , .		1
383	Trace Organic Contaminants Removal by Combined Processes for Wastewater Reuse. <i>Handbook of Environmental Chemistry</i> , 2014, , 39-77.	0.2	9
384	Preliminary survey of pharmaceutical residues in some important Romanian rivers. <i>Toxicological and Environmental Chemistry</i> , 2014, 96, 1333-1345.	0.6	16
385	Advanced Technologies for Emerging Contaminants Removal in Urban Wastewater. <i>Handbook of Environmental Chemistry</i> , 2014, , 145-169.	0.2	4
386	Probing the binding of an endocrine disrupting compound-Bisphenol F to human serum albumin: Insights into the interactions of harmful chemicals with functional biomacromolecules. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 132, 795-802.	2.0	13
387	Monitoring the Presence of 13 Active Compounds in Surface Water Collected from Rural Areas in Northwestern Spain. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 5251-5272.	1.2	26
388	A comparative study of removal of endocrine disrupting compounds (<sc>EDCs</sc>) from treated wastewater using highly crosslinked polymeric adsorbents and activated carbon. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 819-824.	1.6	22
389	Biodegradation of Bisphenol-A and 17 β -Estradiol Under Alternating Aerobic/Anoxic Conditions. <i>Environmental Engineering Science</i> , 2014, 31, 232-242.	0.8	4
390	Parameters on 17 β -Estradiol degradation by Ultrasound in an aqueous system. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 322-327.	1.6	5

#	ARTICLE	IF	CITATIONS
391	Occurrence, removal, and fate of progestogens, androgens, estrogens, and phenols in six sewage treatment plants around Dianchi Lake in China. <i>Environmental Science and Pollution Research</i> , 2014, 21, 12898-12908.	2.7	68
392	Emerging contaminants in surface waters in China—a short review. <i>Environmental Research Letters</i> , 2014, 9, 074018.	2.2	72
393	Degradation and changes in toxicity and biodegradability of tetracycline during ozone/ultraviolet-based advanced oxidation. <i>Water Science and Technology</i> , 2014, 70, 1229-1235.	1.2	14
394	Removal performance of nitrogen and endocrine-disrupting pesticides simultaneously in the enhanced biofilm system for polluted source water pretreatment. <i>Bioresource Technology</i> , 2014, 170, 549-555.	4.8	12
395	Cimetidine, acetaminophen, and 1,7-dimethylxanthine, as indicators of wastewater pollution in marine sediments from Masan Bay, Korea. <i>Ocean Science Journal</i> , 2014, 49, 231-240.	0.6	12
396	Kinetics and degradation mechanism of clofibrac acid and diclofenac in UV photolysis and UV/H ₂ O ₂ reaction. <i>Desalination and Water Treatment</i> , 2014, 52, 6211-6218.	1.0	25
397	Triclosan as a surrogate for household biocides: An investigation into biocides in aquatic environments of a highly urbanized region. <i>Water Research</i> , 2014, 58, 269-279.	5.3	107
398	Role of wetland organic matters as photosensitizer for degradation of micropollutants and metabolites. <i>Journal of Hazardous Materials</i> , 2014, 276, 1-9.	6.5	45
399	Adsorption characteristics of phenolic and amino organic compounds on nano-structured silicas functionalized with phenyl groups. <i>Microporous and Mesoporous Materials</i> , 2014, 185, 121-129.	2.2	26
400	Influencing factors and degradation behavior of propyphenazone and aminopyrine by free chlorine oxidation. <i>Chemical Engineering Journal</i> , 2014, 244, 188-194.	6.6	18
401	Thermodynamic and kinetic study of ibuprofen with hydroxyl radical: A density functional theory approach. <i>International Journal of Quantum Chemistry</i> , 2014, 114, 74-83.	1.0	96
402	A Preliminary Study on the Occurrence of Pharmaceutically Active Compounds in Hospital Wastewater and Surface Water in Hanoi, Vietnam. <i>Clean - Soil, Air, Water</i> , 2014, 42, 267-275.	0.7	71
403	Determination of micropollutants in combined sewer overflows and their removal in a wastewater treatment plant (Seoul, South Korea). <i>Environmental Monitoring and Assessment</i> , 2014, 186, 3239-3251.	1.3	73
404	Diverse Influences of Androgen-Disrupting Chemicals on Immune Responses Mounted by Macrophages. <i>Inflammation</i> , 2014, 37, 649-656.	1.7	12
405	Systematic screening of common wastewater-marking pharmaceuticals in urban aquatic environments: implications for environmental risk control. <i>Environmental Science and Pollution Research</i> , 2014, 21, 7113-7129.	2.7	27
406	Innovative membrane filtration system for micropollutant removal from drinking water — prospective environmental LCA and its integration in business decisions. <i>Journal of Cleaner Production</i> , 2014, 72, 153-166.	4.6	48
407	Analysis and advanced oxidation treatment of a persistent pharmaceutical compound in wastewater and wastewater sludge-carbamazepine. <i>Science of the Total Environment</i> , 2014, 470-471, 58-75.	3.9	215
408	Occurrence and removal of selected micropollutants in a water treatment plant. <i>Chemosphere</i> , 2014, 95, 156-165.	4.2	120

#	ARTICLE	IF	CITATIONS
409	Sustainable Urban Water Supply Infrastructure. , 2014, , 427-449.		5
410	Removal of pharmaceuticals and organic matter from municipal wastewater using two-stage anaerobic fluidized membrane bioreactor. Bioresource Technology, 2014, 165, 42-49.	4.8	122
411	Water and Health. , 2014, , .		10
412	Effect of pore size distribution on tetracycline adsorption using magnetic hypercrosslinked resins. Microporous and Mesoporous Materials, 2014, 184, 105-111.	2.2	107
413	Occurrence, sources, and fate of pharmaceuticals in aquatic environment and soil. Environmental Pollution, 2014, 187, 193-201.	3.7	616
414	Recovery of acetaminophen from aqueous solutions using a supported liquid membrane based on a quaternary ammonium salt as ionophore. Chemical Papers, 2014, 68, .	1.0	12
415	Determination of 81 pharmaceutical drugs by high performance liquid chromatography coupled to mass spectrometry with hybrid triple quadrupole-linear ion trap in different types of water in Serbia. Science of the Total Environment, 2014, 468-469, 415-428.	3.9	221
416	A review on removing pharmaceutical contaminants from wastewater by constructed wetlands: Design, performance and mechanism. Science of the Total Environment, 2014, 468-469, 908-932.	3.9	441
417	Optimization of naproxen and ibuprofen removal in photolysis using a Box-Behnken design: Effect of Fe(III), NO ₃ ⁻ , and humic acid. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2014, 49, 422-433.	0.9	6
418	Catalytic ozonation of benzotriazole over alumina supported transition metal oxide catalysts in water. Separation and Purification Technology, 2014, 135, 158-164.	3.9	89
419	Laccases to take on the challenge of emerging organic contaminants in wastewater. Applied Microbiology and Biotechnology, 2014, 98, 9931-9952.	1.7	92
420	Comparing Contaminant Removal Costs for Aquifer Recharge with Wastewater with Water Supply Benefits. Journal of the American Water Resources Association, 2014, 50, 324-333.	1.0	3
421	Occurrence and fate of triclosan and triclocarban in a subtropical river and its estuary. Marine Pollution Bulletin, 2014, 88, 383-388.	2.3	41
422	Automated Dispersive Solid-Phase Extraction Using Dissolvable Fe ₃ O ₄ -Layered Double Hydroxide Core-Shell Microspheres as Sorbent. Analytical Chemistry, 2014, 86, 11070-11076.	3.2	77
423	Degradation potential of ofloxacin and its resulting transformation products during Fenton oxidation process. Science Bulletin, 2014, 59, 2618-2624.	1.7	49
424	Uptake, Translocation, and Accumulation of Pharmaceutical and Hormone Contaminants in Vegetables. ACS Symposium Series, 2014, , 167-181.	0.5	10
425	The role of a combined coagulation and disk filtration process as a pre-treatment to microfiltration and reverse osmosis membranes in a municipal wastewater pilot plant. Chemosphere, 2014, 117, 20-26.	4.2	31
426	Photo-transformation of pharmaceutically active compounds in the aqueous environment: a review. Environmental Sciences: Processes and Impacts, 2014, 16, 697-720.	1.7	138

#	ARTICLE	IF	CITATIONS
427	Phthalate occurrence in rivers and tap water from central Spain. <i>Science of the Total Environment</i> , 2014, 500-501, 139-146.	3.9	101
428	Simultaneous determination of eight antibiotics from distinct classes in surface and wastewater samples by solid-phase extraction and high-performance liquid chromatography-electrospray ionisation mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2014, 94, 1013-1037.	1.8	48
429	Some ozone advanced oxidation processes to improve the biological removal of selected pharmaceutical contaminants from urban wastewater. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2014, 49, 410-421.	0.9	36
430	Evaluation of pharmaceuticals in surface water: Reliability of PECs compared to MECs. <i>Environment International</i> , 2014, 73, 10-21.	4.8	51
431	Simultaneous determination of endocrine disrupting compounds bisphenol F and bisphenol AF using carboxyl functionalized multi-walled carbon nanotubes modified electrode. <i>Talanta</i> , 2014, 130, 207-212.	2.9	30
432	Fouling effects of algogenic organic matters during nanofiltration of naproxen. <i>Desalination</i> , 2014, 350, 69-78.	4.0	14
433	Fate and Uptake of Pharmaceuticals in Soil-Plant Systems. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 816-825.	2.4	263
434	Occurrence and removal of steroidal estrogens in Centre Eastern Tunisia municipal sewage treatment plant. <i>Desalination and Water Treatment</i> , 2014, 52, 2330-2339.	1.0	11
435	Costs of Advanced Treatment in Water Reclamation. <i>Ozone: Science and Engineering</i> , 2014, 36, 485-495.	1.4	70
436	Bio-entrapped membrane reactor and salt marsh sediment membrane bioreactor for the treatment of pharmaceutical wastewater: Treatment performance and microbial communities. <i>Bioresource Technology</i> , 2014, 171, 265-273.	4.8	33
437	Kinetics of paracetamol oxidation by ozone and hydroxyl radicals, formation of transformation products and toxicity. <i>Separation and Purification Technology</i> , 2014, 136, 137-143.	3.9	76
438	The Influences of Storage and Further Purification on Residual Concentrations of Pharmaceuticals and Phthalate Esters in Drinking Water. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	7
439	Monitoring endocrine disrupting compounds and estrogenic activity in tap water from Central Spain. <i>Environmental Science and Pollution Research</i> , 2014, 21, 9297-9310.	2.7	46
440	Green Chemistry Solutions to Water Pollution. , 2014, , 57-75.		6
441	Treated Wastewater Irrigation: Uptake of Pharmaceutical and Personal Care Products by Common Vegetables under Field Conditions. <i>Environmental Science & Technology</i> , 2014, 48, 11286-11293.	4.6	235
442	Comparison of drinking water pollutant removal using a nanofiltration pilot plant powered by renewable energy and a conventional treatment facility. <i>Desalination</i> , 2014, 347, 94-102.	4.0	48
443	Trading oxidation power for efficiency: Differential inhibition of photo-generated hydroxyl radicals versus singlet oxygen. <i>Water Research</i> , 2014, 60, 259-266.	5.3	145
444	Enhanced EDCs removal by membrane fouling during the UF process. <i>Desalination</i> , 2014, 336, 18-23.	4.0	31

#	ARTICLE	IF	CITATIONS
445	Electrochemical determination of estrogenic compound bisphenol F in food packaging using carboxyl functionalized multi-walled carbon nanotubes modified glassy carbon electrode. <i>Food Chemistry</i> , 2014, 157, 464-469.	4.2	26
446	Positive impact of biofilm on reducing the permeation of ampicillin through membrane for membrane bioreactor. <i>Chemosphere</i> , 2014, 97, 34-39.	4.2	11
447	Occurrence of organophosphate flame retardants in drinking water from China. <i>Water Research</i> , 2014, 54, 53-61.	5.3	249
448	Occurrence and behavior of antibiotics in water and sediments from the Huangpu River, Shanghai, China. <i>Chemosphere</i> , 2014, 95, 604-612.	4.2	385
449	Levels of endocrine disrupting compounds in South China Sea. <i>Marine Pollution Bulletin</i> , 2014, 85, 628-633.	2.3	17
450	Modeling of the initial deposition of individual particles during the cross-flow membrane filtration. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 440, 91-100.	2.3	16
451	Kinetic study of acetaminophen degradation by UV-based advanced oxidation processes. <i>Chemical Engineering Journal</i> , 2014, 253, 229-236.	6.6	119
452	Occurrences, toxicities, and ecological risks of benzophenone-3, a common component of organic sunscreen products: A mini-review. <i>Environment International</i> , 2014, 70, 143-157.	4.8	423
453	Radical induced degradation of acetaminophen with Fe ₃ O ₄ magnetic nanoparticles as heterogeneous activator of peroxymonosulfate. <i>Journal of Hazardous Materials</i> , 2014, 276, 452-460.	6.5	469
454	Removal of diclofenac from surface water by electron beam irradiation combined with a biological aerated filter. <i>Radiation Physics and Chemistry</i> , 2014, 105, 104-108.	1.4	75
455	Assessment of iron chelates efficiency for photo-Fenton at neutral pH. <i>Water Research</i> , 2014, 61, 232-242.	5.3	184
456	A passive sampling method for detecting analgesics, psycholeptics, antidepressants and illicit drugs in aquatic environments in the Czech Republic. <i>Science of the Total Environment</i> , 2014, 487, 681-687.	3.9	74
457	The hydrophilic/hydrophobic ratio vs. dissolved organics removal by coagulation – A review. <i>Journal of King Saud University - Science</i> , 2014, 26, 169-180.	1.6	100
458	Fate of diclofenac in municipal wastewater treatment plant – A review. <i>Environment International</i> , 2014, 69, 28-39.	4.8	419
459	Anodic oxidation of oxytetracycline: Influence of the experimental conditions on the degradation rate and mechanism. <i>Journal of Electrochemical Science and Engineering</i> , 2014, 4, .	1.6	9
461	Degradation of Diclofenac by Co ₃ O ₄ -catalyzed Activation of Oxone Process. <i>Journal of Advanced Oxidation Technologies</i> , 2014, 17, .	0.5	0
462	A Comprehensive Insight into Tetracycline Resistant Bacteria and Antibiotic Resistance Genes in Activated Sludge Using Next-Generation Sequencing. , 2015, , 187-212.		0
463	Assessing emerging wastewater regulations to minimize the risk from pharmaceuticals and personal care products. <i>Management of Environmental Quality</i> , 2015, 26, 966-983.	2.2	2

#	ARTICLE	IF	CITATIONS
464	A Preliminary Study on the Occurrence of Pharmaceutically Active Compounds in the River Basins and Their Removal in Two Conventional Drinking Water Treatment Plants in Chongqing, China. <i>Clean - Soil, Air, Water</i> , 2015, 43, 794-803.	0.7	26
465	Endocrine disruptors in water filters used in the Rio dos Sinos Basin region, Southern Brazil. <i>Brazilian Journal of Biology</i> , 2015, 75, 85-90.	0.4	6
466	Enhanced Recyclable Magnetized Palm Shell Waste-Based Powdered Activated Carbon for the Removal of Ibuprofen: Insights for Kinetics and Mechanisms. <i>PLoS ONE</i> , 2015, 10, e0141013.	1.1	23
467	Pesticides in Drinking Water – The Brazilian Monitoring Program. <i>Frontiers in Public Health</i> , 2015, 3, 246.	1.3	28
468	Endocrine Disrupting Compounds – Problems and Challenges. , 2015, , .		4
469	Adsorption of metronidazole in aqueous solution by Fe-modified sepiolite. <i>Desalination and Water Treatment</i> , 2015, 55, 1620-1628.	1.0	26
470	Detection of hormones in surface and drinking water in Brazil by LC-ESI-MS/MS and ecotoxicological assessment with <i>Daphnia magna</i> . <i>Environmental Monitoring and Assessment</i> , 2015, 187, 379.	1.3	67
471	Aquatic photolysis of carbamazepine by UV/H ₂ O ₂ and UV/Fe(II) processes. <i>Research on Chemical Intermediates</i> , 2015, 41, 7015-7028.	1.3	16
472	Effect of pore structure on adsorption behavior of ibuprofen by magnetic anion exchange resins. <i>Microporous and Mesoporous Materials</i> , 2015, 210, 94-100.	2.2	43
473	Potentiality of yeast <i>Candida</i> sp. SMN04 for degradation of cefdinir, a cephalosporin antibiotic: kinetics, enzyme analysis and biodegradation pathway. <i>Environmental Technology (United Kingdom)</i> , 2015, 36, 3112-3124.	1.2	20
474	Oxypurinol – A novel marker for wastewater contamination of the aquatic environment. <i>Water Research</i> , 2015, 74, 257-265.	5.3	45
475	A review on endocrine disruptors and their possible impacts on human health. <i>Environmental Toxicology and Pharmacology</i> , 2015, 40, 241-258.	2.0	600
476	Pharmaceuticals and personal care products alter growth and function in lentic biofilms. <i>Environmental Chemistry</i> , 2015, 12, 301.	0.7	23
477	Modeling approaches to predict removal of trace organic compounds by ozone oxidation in potable reuse applications. <i>Environmental Science: Water Research and Technology</i> , 2015, 1, 699-708.	1.2	11
478	Standardized application of yeast bioluminescent reporters as endocrine disruptor screen for comparative analysis of wastewater effluents from membrane bioreactor and traditional activated sludge. <i>Ecotoxicology</i> , 2015, 24, 2088-2099.	1.1	11
479	Detection of human-derived fecal contamination in Puerto Rico using carbamazepine, HF183 Bacteroides, and fecal indicator bacteria. <i>Marine Pollution Bulletin</i> , 2015, 101, 872-877.	2.3	15
480	Carbon nanotube composite membranes for microfiltration of pharmaceuticals and personal care products: Capabilities and potential mechanisms. <i>Journal of Membrane Science</i> , 2015, 479, 165-174.	4.1	117
481	Occurrence of estrogens in water, sediment and biota and their ecological risk in Northern Taihu Lake in China. <i>Environmental Geochemistry and Health</i> , 2015, 37, 147-156.	1.8	70

#	ARTICLE	IF	CITATIONS
482	Rejection prediction of isopropylantipyrine and antipyrine by nanofiltration membranes based on the Spiegler–Kedem–Katchalsky model. <i>Desalination</i> , 2015, 362, 11-17.	4.0	14
483	Selection of organic process and source indicator substances for the anthropogenically influenced water cycle. <i>Chemosphere</i> , 2015, 125, 155-167.	4.2	125
484	The determination of pharmaceuticals in wastewater using a recombinant <i>Arxula adenivorans</i> whole cell biosensor. <i>Sensors and Actuators B: Chemical</i> , 2015, 211, 439-448.	4.0	23
485	Photolytic degradation of sulfamethoxazole and trimethoprim using UV-A, UV-C and vacuum-UV (VUV). <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2015, 50, 292-300.	0.9	22
486	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
487	Determination of selected pharmaceuticals in tap water and drinking water treatment plant by high-performance liquid chromatography-triple quadrupole mass spectrometer in Beijing, China. <i>Environmental Science and Pollution Research</i> , 2015, 22, 1854-1867.	2.7	62
488	Optimization of the TiO ₂ /Ge composition by the response surface method of photocatalytic degradation under ultraviolet-A irradiation and the toxicity reduction of amoxicillin. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 27, 291-296.	2.9	22
489	Environmentally Oriented Models and Methods for the Evaluation of Drug–Drug Interaction Effects. <i>Critical Reviews in Analytical Chemistry</i> , 2015, 45, 131-155.	1.8	14
490	Pharmaceuticals and consumer products in four wastewater treatment plants in urban and suburb areas of Shanghai. <i>Environmental Science and Pollution Research</i> , 2015, 22, 6086-6094.	2.7	21
491	Hybrid materials in the removal of diclofenac sodium from aqueous solutions: Batch and column studies. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 30, 167-173.	2.9	46
492	Developing Polycation-Clay Sorbents for Efficient Filtration of Diclofenac: Effect of Dissolved Organic Matter and Comparison to Activated Carbon. <i>Environmental Science & Technology</i> , 2015, 49, 9280-9288.	4.6	36
493	Plant uptake of pharmaceutical and personal care products from recycled water and biosolids: a review. <i>Science of the Total Environment</i> , 2015, 536, 655-666.	3.9	289
494	Psychiatric Pharmaceuticals as Emerging Contaminants in Wastewater. <i>Springer Briefs in Molecular Science</i> , 2015, , .	0.1	18
495	Pharmaceuticals and Personal Care Products (PPCPs) in the Environment and Their Removal from Wastewater through Constructed Wetlands. <i>Comprehensive Analytical Chemistry</i> , 2015, 67, 195-244.	0.7	38
496	Increased acute toxicity to fish caused by pharmaceuticals in hospital effluents in a pharmaceutical mixture and after solar irradiation. <i>Chemosphere</i> , 2015, 139, 190-196.	4.2	67
497	Removal of five selected pharmaceuticals by coagulation in the presence of dissolved humic acids and kaolin. <i>Desalination and Water Treatment</i> , 2015, 54, 1134-1140.	1.0	12
498	Multi-generational effects of propranolol on <i>Daphnia magna</i> at different environmental concentrations. <i>Environmental Pollution</i> , 2015, 206, 188-194.	3.7	27
499	Electrocatalytic Hydrogen Evolution from Contaminated Water at Room Temperature. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2015, 37, 501-509.	1.2	0

#	ARTICLE	IF	CITATIONS
500	Optimization of photocatalytic degradation of meloxicam using titanium dioxide nanoparticles: application to pharmaceutical wastewater analysis, treatment, and cleaning validation. <i>Environmental Science and Pollution Research</i> , 2015, 22, 15516-15525.	2.7	14
501	Evaluation of membrane bioreactor on removal of pharmaceutical micropollutants: a review. <i>Desalination and Water Treatment</i> , 2015, 55, 845-858.	1.0	62
502	Enhanced Biodegradability of Pharmaceuticals and Personal Care Products by Ionizing Radiation. <i>Water Environment Research</i> , 2015, 87, 321-325.	1.3	22
503	Occurrences of pharmaceuticals in drinking water sources of major river watersheds, China. <i>Ecotoxicology and Environmental Safety</i> , 2015, 117, 132-140.	2.9	115
504	In situ chemical oxidation of carbamazepine solutions using persulfate simultaneously activated by heat energy, UV light, Fe ²⁺ ions, and H ₂ O ₂ . <i>Applied Catalysis B: Environmental</i> , 2015, 176-177, 120-129.	10.8	227
505	Characteristics of pharmaceuticals removal in the sewage treatment process. <i>Desalination and Water Treatment</i> , 2015, 54, 1080-1089.	1.0	3
506	Zebrafish as a possible bioindicator of organic pollutants with effects on reproduction in drinking waters. <i>Journal of Environmental Sciences</i> , 2015, 33, 254-260.	3.2	23
507	Simultaneous determination of four trace level endocrine disrupting compounds in environmental samples by solid-phase microextraction coupled with HPLC. <i>Talanta</i> , 2015, 142, 97-103.	2.9	47
508	Adsorption of CECs in the nanofiltration process. <i>Desalination and Water Treatment</i> , 2015, 54, 2658-2668.	1.0	2
509	Occurrence and spatial distribution of organophosphate ester flame retardants and plasticizers in 40 rivers draining into the Bohai Sea, north China. <i>Environmental Pollution</i> , 2015, 198, 172-178.	3.7	319
510	Amoxicillin removal from aqueous solutions using submerged biological aerated filter. <i>Desalination and Water Treatment</i> , 2015, 54, 790-801.	1.0	18
511	Occurrence of selected pharmaceuticals at drinking water purification plants in Japan and implications for human health. <i>Water Research</i> , 2015, 76, 187-200.	5.3	226
512	Forward osmosis membrane bioreactor for wastewater treatment with phosphorus recovery. <i>Bioresource Technology</i> , 2015, 198, 418-423.	4.8	42
513	Removal of psychoactive pharmaceutical caffeine from water by electro-Fenton process using BDD anode: Effects of operating parameters on removal efficiency. <i>Separation and Purification Technology</i> , 2015, 156, 987-995.	3.9	47
514	Removal of Iopromide and Its Intermediates from Ozone-Treated Water Using Granular Activated Carbon. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	8
515	Treatment Technologies for Wastewater Reuse: Fate of Contaminants of Emerging Concern. <i>Handbook of Environmental Chemistry</i> , 2015, , 5-37.	0.2	14
516	Occurrence and risk assessment of organophosphate esters in drinking water from Eastern China. <i>Science of the Total Environment</i> , 2015, 538, 959-965.	3.9	138
517	Coupling of membrane filtration and advanced oxidation processes for removal of pharmaceutical residues: A critical review. <i>Separation and Purification Technology</i> , 2015, 156, 891-914.	3.9	449

#	ARTICLE	IF	CITATIONS
518	Pharmaceuticals and personal care products in waters: occurrence, toxicity, and risk. <i>Environmental Chemistry Letters</i> , 2015, 13, 381-394.	8.3	280
519	Enhanced surface hydrophilicity of thin-film composite membranes for nanofiltration: an experimental and DFT study. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 24201-24209.	1.3	13
520	The occurrence and removal of organophosphate ester flame retardants/plasticizers in a municipal wastewater treatment plant in the Pearl River Delta, China. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2015, 50, 1291-1297.	0.9	47
521	Degradation of 17 β -estradiol by combined ultrasound/KMnO ₄ in an aqueous system. <i>Desalination and Water Treatment</i> , 2015, 53, 493-500.	1.0	3
522	Occurrence, distribution and risk assessment of estrogenic compounds for three source water types in Ningbo City, China. <i>Environmental Earth Sciences</i> , 2015, 74, 5961-5969.	1.3	16
523	Immobilized Nanopillars-TiO ₂ in the efficient removal of micro-pollutants from aqueous solutions: Physico-chemical studies. <i>Chemical Engineering Journal</i> , 2015, 281, 782-792.	6.6	42
524	Fecal pollution source tracking toolbox for identification, evaluation and characterization of fecal contamination in receiving urban surface waters and groundwater. <i>Science of the Total Environment</i> , 2015, 538, 38-57.	3.9	111
525	Occurrence of non-steroidal anti-inflammatory drugs in Tehran source water, municipal and hospital wastewaters, and their ecotoxicological risk assessment. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 734.	1.3	60
526	Recent Advancements in the Treatment of Municipal Wastewater Reverse Osmosis Concentrate—An Overview. <i>Critical Reviews in Environmental Science and Technology</i> , 2015, 45, 193-248.	6.6	57
527	Evaluation of the persistence of transformation products from ozonation of trace organic compounds — A critical review. <i>Water Research</i> , 2015, 68, 150-170.	5.3	174
528	Amoxicillin Removal from Aqueous Media Using Multi-Walled Carbon Nanotubes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015, 23, 165-169.	1.0	63
529	Performance and fate of organics in a pilot MBR—NF for treating antibiotic production wastewater with recycling NF concentrate. <i>Chemosphere</i> , 2015, 121, 92-100.	4.2	50
530	Efficient use of hybrid materials in the remediation of aquatic environment contaminated with micro-pollutant diclofenac sodium. <i>Chemical Engineering Journal</i> , 2015, 263, 364-373.	6.6	50
531	Ultrasonically enhanced electrochemical oxidation of ibuprofen. <i>Ultrasonics Sonochemistry</i> , 2015, 22, 429-436.	3.8	52
532	Performance of different carbonaceous materials for emerging pollutants adsorption. <i>Chemosphere</i> , 2015, 119, S124-S130.	4.2	38
533	A pilot study on the assessment of trace organic contaminants including pharmaceuticals and personal care products from on-site wastewater treatment systems along Skaneateles Lake in New York State, USA. <i>Water Research</i> , 2015, 72, 28-39.	5.3	89
534	Removal of estrone (E1), 17 β -estradiol (E2), and 17 β -ethinylestradiol (EE2) from wastewater by liquid—liquid extraction. <i>Chemical Engineering Journal</i> , 2015, 262, 417-426.	6.6	60
535	Current anthropogenic pressures on agro-ecological protected coastal wetlands. <i>Science of the Total Environment</i> , 2015, 503-504, 190-199.	3.9	26

#	ARTICLE	IF	CITATIONS
536	Removal of antineoplastic drugs cyclophosphamide, ifosfamide, and 5-fluorouracil and a vasodilator drug pentoxifylline from wastewaters by ozonation. <i>Environmental Science and Pollution Research</i> , 2015, 22, 508-515.	2.7	45
537	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
538	Estrogenic Endocrine-Disrupting Chemicals Modulate the Production of Inflammatory Mediators and Cell Viability of Lipopolysaccharide-Stimulated Macrophages. <i>Inflammation</i> , 2015, 38, 595-605.	1.7	17
539	Decomposition of aqueous chlorinated contaminants by UV irradiation with H ₂ O ₂ . <i>Frontiers of Environmental Science and Engineering</i> , 2015, 9, 429-435.	3.3	13
540	Organophosphorus flame retardants and plasticizers: Sources, occurrence, toxicity and human exposure. <i>Environmental Pollution</i> , 2015, 196, 29-46.	3.7	903
541	TiO ₂ microcrystallized glass plate mediated photocatalytic degradation of estrogenic pollutant in water. <i>Journal of Non-Crystalline Solids</i> , 2015, 408, 13-17.	1.5	25
543	Removal of Pharmaceutical Products in a Constructed Wetland. <i>Iranian Journal of Biotechnology</i> , 2016, 14, 221-229.	0.3	28
544	Development of On-Line Solid-Phase Extraction-Liquid Chromatography Coupled with Tandem Mass Spectrometry Method to Quantify Pharmaceutical, Glucuronide Conjugates and Metabolites in Water. <i>Journal of Chromatography & Separation Techniques</i> , 2016, 7, .	0.2	0
545	Detection and presence of pharmaceuticals in the environment. , 2016, , 77-107.		4
546	Degradation of pharmaceuticals in wastewater. , 2016, , 153-202.		2
547	Characterization of soluble microbial products (SMPs) in a membrane bioreactor (MBR) treating synthetic wastewater containing pharmaceutical compounds. <i>Water Research</i> , 2016, 102, 594-606.	5.3	81
548	Environmental fate and pharmacokinetics of sulphamethazine in <i>Fenneropenaeus chinensis</i> shrimp production systems after oral administration. <i>Aquaculture Research</i> , 2016, 47, 3526-3537.	0.9	6
549	Removal of chemicals of concern by high rate nitrifying trickling filters. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 3070-3078.	1.6	9
550	Removal of Trace Organic Contaminants by Integrated Membrane Processes for Water Reuse Applications. , 2016, , 533-578.		4
551	Carbamazepine behaviour and effects in an urban wastewater MBR working with high sludge and hydraulic retention time. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016, 51, 855-860.	0.9	7
552	Organic micropollutant removal from groundwater: comparison of pellet softening and nanofiltration. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2016, 65, 453-464.	0.6	4
553	Uptake of Three Antibiotics and an Antiepileptic Drug by Wheat Crops Spray Irrigated with Wastewater Treatment Plant Effluent. <i>Journal of Environmental Quality</i> , 2016, 45, 546-554.	1.0	73
554	Microwave synthesis of pure and doped cerium (IV) oxide (CeO ₂) nanoparticles for methylene blue degradation. <i>Water Science and Technology</i> , 2016, 74, 2325-2336.	1.2	34

#	ARTICLE	IF	CITATIONS
555	Occurrence and fate of endocrine disrupting chemicals in ASP based sewage treatment plant in Hardwar. <i>Water Science and Technology</i> , 2016, 74, 1039-1050.	1.2	4
556	Comparison of wastewater treatment processes on the removal efficiency of organophosphate esters. <i>Water Science and Technology</i> , 2016, 74, 1602-1609.	1.2	19
557	Time course of hepatic gene expression and plasma vitellogenin protein concentrations in estrone-exposed juvenile rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2016, 19, 112-119.	0.4	11
558	Phenyl-functionalized magnetic palm-based powdered activated carbon for the effective removal of selected pharmaceutical and endocrine-disruptive compounds. <i>Chemosphere</i> , 2016, 152, 71-80.	4.2	71
559	Risk screening of pharmaceutical compounds in Romanian aquatic environment. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 379.	1.3	37
560	Ecotoxicological potential of antibiotic pollution in industrial wastewater: bioavailability, biomarkers, and occurrence in <i>Mytilus galloprovincialis</i> . <i>Environmental Science and Pollution Research</i> , 2016, 23, 15343-15350.	2.7	23
561	First insight into the levels and distribution of flame retardants in potable water in Pakistan: An underestimated problem with an associated health risk diagnosis. <i>Science of the Total Environment</i> , 2016, 565, 346-359.	3.9	45
562	Evaluation of enhanced coagulation coupled with magnetic ion exchange (MIEX) in natural organic matter and sulfamethoxazole removals: The role of Al-based coagulant characteristic. <i>Separation and Purification Technology</i> , 2016, 167, 70-78.	3.9	29
563	Occurrence and distribution pattern of acidic pharmaceuticals in surface water, wastewater, and sediment of the Msunduzi River, Kwazulu-Natal, South Africa. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 36-46.	2.2	176
564	Occurrence and treatment efficiency of pharmaceuticals in landfill leachates. <i>Waste Management</i> , 2016, 55, 257-264.	3.7	100
565	Performance and mechanisms for the removal of phthalates and pharmaceuticals from aqueous solution by graphene-containing ceramic composite tubular membrane coupled with the simultaneous electrocoagulation and electrofiltration process. <i>Chemosphere</i> , 2016, 155, 274-282.	4.2	40
566	An aggregate analysis of personal care products in the environment: Identifying the distribution of environmentally-relevant concentrations. <i>Environment International</i> , 2016, 92-93, 301-316.	4.8	59
567	Occurrence and removal of antibiotics in ecological and conventional wastewater treatment processes: A field study. <i>Journal of Environmental Management</i> , 2016, 178, 11-19.	3.8	140
568	Degradation of carbamazepine by UV/chlorine advanced oxidation process and formation of disinfection by-products. <i>Environmental Science and Pollution Research</i> , 2016, 23, 16448-16455.	2.7	63
569	Pharmaceuticals pollution of aquaculture and its management in China. <i>Journal of Molecular Liquids</i> , 2016, 223, 781-789.	2.3	106
570	Critical assessment of the ubiquitous occurrence and fate of the insect repellent N,N-diethyl-m-toluamide in water. <i>Environment International</i> , 2016, 96, 98-117.	4.8	71
571	Dramatically enhanced Fenton oxidation of carbamazepine with easily recyclable microscaled CuFeO ₂ by hydroxylamine: Kinetic and mechanism study. <i>Separation and Purification Technology</i> , 2016, 168, 223-231.	3.9	40
572	Modeling of pharmaceuticals mixtures toxicity with deviation ratio and best-fit functions models. <i>Science of the Total Environment</i> , 2016, 571, 259-268.	3.9	24

#	ARTICLE	IF	CITATIONS
573	Adsorption kinetics studies of an anti-inflammatory drug Mesalamine using Unsaturated Polyester Resin (UPR). <i>Journal of Molecular Liquids</i> , 2016, 224, 219-226.	2.3	6
574	The effect of the UV photon flux on the photoelectrocatalytic degradation of endocrine-disrupting alkylphenolic chemicals. <i>Environmental Science and Pollution Research</i> , 2016, 23, 19237-19245.	2.7	8
575	Adsorption of dibutyl phthalate in aqueous solution by mesoporous calcium silicate grafted non-woven polypropylene. <i>Chemical Engineering Journal</i> , 2016, 306, 452-459.	6.6	40
576	A pilot plant study using conventional and advanced water treatment processes: Evaluating removal efficiency of indicator compounds representative of pharmaceuticals and personal care products. <i>Water Research</i> , 2016, 105, 85-96.	5.3	47
577	Catalytic ozonation of sulfamethoxazole by composite iron-manganese silicate oxide: cooperation mechanism between adsorption and catalytic reaction. <i>Environmental Science and Pollution Research</i> , 2016, 23, 21360-21368.	2.7	16
578	Diclofenac and its transformation products: Environmental occurrence and toxicity - A review. <i>Environment International</i> , 2016, 96, 127-138.	4.8	415
579	Endocrine disrupting compounds (EDCs) in environmental matrices: Review of analytical strategies for pharmaceuticals, estrogenic hormones, and alkylphenol compounds. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 85, 241-259.	5.8	109
580	Natural sunlight irradiated flower-like CuS synthesized from DMF solvothermal treatment. <i>Frontiers of Materials Science</i> , 2016, 10, 290-299.	1.1	4
581	Source-specific sewage pollution detection in urban river waters using pharmaceuticals and personal care products as molecular indicators. <i>Environmental Science and Pollution Research</i> , 2016, 23, 22513-22529.	2.7	14
582	Effects of selected pharmaceuticals (ibuprofen and amoxicillin) on the demography of <i>Brachionus calyciflorus</i> and <i>Brachionus havanaensis</i> (Rotifera). <i>Egyptian Journal of Aquatic Research</i> , 2016, 42, 341-347.	1.0	23
583	Technical feasibility study of a low-cost hybrid PAC-UF system for wastewater reclamation and reuse: a focus on feedwater production for low-pressure boilers. <i>Environmental Science and Pollution Research</i> , 2016, 23, 22554-22567.	2.7	13
584	Occurrence of cardiovascular drugs in the sewage-impacted Vistula River and in tap water in the Warsaw region (Poland). <i>Environmental Science and Pollution Research</i> , 2016, 23, 24337-24349.	2.7	28
585	Organophosphate Flame Retardants and Plasticizers in Aqueous Solution: pH-Dependent Hydrolysis, Kinetics, and Pathways. <i>Environmental Science & Technology</i> , 2016, 50, 8103-8111.	4.6	130
586	Occurrence and fate of pharmaceuticals in WWTPs in India and comparison with a similar study in the United States. <i>Chemosphere</i> , 2016, 159, 526-535.	4.2	180
587	Degradation and acute toxicity removal of the antidepressant Fluoxetine (Prozac®) in aqueous systems by electron beam irradiation. <i>Environmental Science and Pollution Research</i> , 2016, 23, 11927-11936.	2.7	37
588	Efficient degradation of carbamazepine by easily recyclable microscaled CuFeO ₂ mediated heterogeneous activation of peroxymonosulfate. <i>Journal of Hazardous Materials</i> , 2016, 317, 686-694.	6.5	124
589	Study on rules of dynamic variation of nitrogen in soil after reclaimed water drip irrigation. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 15938-15943.	3.8	3
590	Degradation of pharmaceuticals by ultrasound-based advanced oxidation process. <i>Environmental Chemistry Letters</i> , 2016, 14, 259-290.	8.3	123

#	ARTICLE	IF	CITATIONS
591	Seasonal variations in fate and removal of trace organic chemical contaminants while operating a full-scale membrane bioreactor. <i>Science of the Total Environment</i> , 2016, 550, 176-183.	3.9	72
592	Interactions of ciprofloxacin (CIP), titanium dioxide (TiO ₂) nanoparticles and natural organic matter (NOM) in aqueous suspensions. <i>Science of the Total Environment</i> , 2016, 563-564, 971-976.	3.9	22
593	Priority Substances and Emerging Organic Pollutants in Portuguese Aquatic Environment: A Review. <i>Reviews of Environmental Contamination and Toxicology</i> , 2016, 238, 1-44.	0.7	11
594	Pharmaceuticals, endocrine disruptors, personal care products, nanomaterials and perfluorinated pollutants: a review. <i>Environmental Chemistry Letters</i> , 2016, 14, 27-49.	8.3	329
595	Simultaneous attenuation of pharmaceuticals, organic matter, and nutrients in wastewater effluent through managed aquifer recharge: Batch and column studies. <i>Chemosphere</i> , 2016, 143, 135-141.	4.2	10
596	Estrogen reduction in a coupled wetland and ground water flow-through system. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	6
597	Presence of endocrine disruptors in freshwater in the northern Antarctic Peninsula region. <i>Environmental Research</i> , 2016, 147, 179-192.	3.7	52
598	Metabolism of pharmaceutical and personal care products by carrot cell cultures. <i>Environmental Pollution</i> , 2016, 211, 141-147.	3.7	67
599	Sources and transport of contaminants of emerging concern: A two-year study of occurrence and spatiotemporal variation in a mixed land use watershed. <i>Science of the Total Environment</i> , 2016, 551-552, 605-613.	3.9	134
600	Managing Emerging Contaminants: Status, Impacts, and Watershed-Wide Strategies. <i>Exposure and Health</i> , 2016, 8, 143-158.	2.8	21
601	Multi-walled carbon nanotubes with selected properties for dynamic filtration of pharmaceuticals and personal care products. <i>Water Research</i> , 2016, 92, 104-112.	5.3	86
602	Advanced Treatment Technologies for Urban Wastewater Reuse. <i>Handbook of Environmental Chemistry</i> , 2016, , .	0.2	10
603	Occurrence, distribution, and potential affecting factors of organophosphate flame retardants in sewage sludge of wastewater treatment plants in Henan Province, Central China. <i>Chemosphere</i> , 2016, 152, 245-251.	4.2	47
604	Membrane processes used for removal of pharmaceuticals, hormones, endocrine disruptors and their metabolites from wastewaters: a review. <i>Desalination and Water Treatment</i> , 2016, 57, 24146-24175.	1.0	38
605	Preparation of highly porous carbon from sustainable β -cellulose for superior removal performance of tetracycline and sulfamethazine from water. <i>RSC Advances</i> , 2016, 6, 28023-28033.	1.7	46
606	Involvement of ROS-mediated mitochondrial dysfunction and SIRT3 down-regulation in tris(2-chloroethyl)phosphate-induced cell cycle arrest. <i>Toxicology Research</i> , 2016, 5, 461-470.	0.9	18
607	Drugs of abuse, cytostatic drugs and iodinated contrast media in tap water from the Madrid region (central Spain):A case study to analyse their occurrence and human health risk characterization. <i>Environment International</i> , 2016, 86, 107-118.	4.8	58
608	Seasonal occurrence, removal, mass loading and environmental risk assessment of 55 pharmaceuticals and personal care products in a municipal wastewater treatment plant in Central Greece. <i>Science of the Total Environment</i> , 2016, 543, 547-569.	3.9	384

#	ARTICLE	IF	CITATIONS
609	Application of ionic liquid-based dispersive liquid phase microextraction for highly sensitive simultaneous determination of three endocrine disrupting compounds in food packaging. <i>Food Chemistry</i> , 2016, 197, 754-760.	4.2	57
610	A review on removal of pharmaceuticals from water by adsorption. <i>Desalination and Water Treatment</i> , 2016, 57, 12842-12860.	1.0	220
611	Occurrence of selected antibiotics and antiretroviral drugs in Nairobi River Basin, Kenya. <i>Science of the Total Environment</i> , 2016, 539, 206-213.	3.9	176
612	Aqueous chlorination of acebutolol: kinetics, transformation by-products, and mechanism. <i>Environmental Science and Pollution Research</i> , 2016, 23, 2521-2529.	2.7	10
613	Determination of Trialkyl Phosphates in Wastewater by Solid Phase Extraction-Flow Injection-Atmospheric Pressure Chemical Ionization-Mass Spectrometry. <i>Analytical Letters</i> , 2016, 49, 867-882.	1.0	0
614	Biodegradability of iopromide products after UV/H ₂ O ₂ advanced oxidation. <i>Chemosphere</i> , 2016, 144, 989-994.	4.2	30
615	Removal of pharmaceutically active compounds (PhACs) and toxicological response of <i>Cyperus alternifolius</i> exposed to PhACs in microcosm constructed wetlands. <i>Journal of Hazardous Materials</i> , 2016, 301, 566-575.	6.5	68
616	Hazardous events in membrane bioreactors - Part 2: Impacts on removal of trace organic chemical contaminants. <i>Journal of Membrane Science</i> , 2016, 497, 504-513.	4.1	10
617	Magnetic Pd@Fe ₃ O ₄ composite nanostructure as recoverable catalyst for sono-electrohybrid degradation of Ibuprofen. <i>Ultrasonics Sonochemistry</i> , 2017, 34, 262-272.	3.8	21
618	From the conventional biological wastewater treatment to hybrid processes, the evaluation of organic micropollutant removal: A review. <i>Water Research</i> , 2017, 111, 297-317.	5.3	552
619	Enhanced oxidation of erythromycin by persulfate activated iron powder-H ₂ O ₂ system: Role of the surface Fe species and synergistic effect of hydroxyl and sulfate radicals. <i>Chemical Engineering Journal</i> , 2017, 317, 103-111.	6.6	55
620	Transformation of aminopyrine in the presence of free available chlorine: Kinetics, products, and reaction pathways. <i>Chemosphere</i> , 2017, 171, 625-634.	4.2	15
621	Diclofenac in <i>Arabidopsis</i> cells: Rapid formation of conjugates. <i>Environmental Pollution</i> , 2017, 222, 383-392.	3.7	57
622	The role of graphene oxide and graphene oxide-based nanomaterials in the removal of pharmaceuticals from aqueous media: a review. <i>Environmental Science and Pollution Research</i> , 2017, 24, 7938-7958.	2.7	164
623	Kinetic Study of Hydroxyl and Sulfate Radical-Mediated Oxidation of Pharmaceuticals in Wastewater Effluents. <i>Environmental Science & Technology</i> , 2017, 51, 2954-2962.	4.6	309
624	Pharmaceuticals in a temperate forest-water reuse system. <i>Science of the Total Environment</i> , 2017, 581-582, 705-714.	3.9	16
625	Pharmaceuticals and personal care products (PPCPs) in the freshwater aquatic environment. <i>Emerging Contaminants</i> , 2017, 3, 1-16.	2.2	1,352
626	The operational efficiency of a novel AnMBR treating antibiotic solvent wastewater in start-up stage. <i>Journal of Water Reuse and Desalination</i> , 2017, 7, 326-337.	1.2	9

#	ARTICLE	IF	CITATIONS
627	Occurrence and distribution of antibiotics in multiple environmental media of the East River (Dongjiang) catchment, South China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 9690-9701.	2.7	29
628	Homogeneous photo-Fenton processes at near neutral pH: A review. <i>Applied Catalysis B: Environmental</i> , 2017, 209, 358-371.	10.8	621
629	Bisphenol A Adsorption Properties of Mesoporous CaSiO ₃ @SiO ₂ Grafted Nonwoven Polypropylene Fiber. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 2549-2556.	1.8	8
630	Biodegradation of sulfamethazine by an isolated thermophile "Geobacillus sp. S-07. <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 85.	1.7	32
631	Effect of sulfamethoxazole on aerobic denitrification by strain <i>Pseudomonas stutzeri</i> PCN-1. <i>Bioresource Technology</i> , 2017, 235, 325-331.	4.8	68
632	Occurrences and removal of pharmaceuticals and personal care products (PPCPs) in drinking water and water/sewage treatment plants: A review. <i>Science of the Total Environment</i> , 2017, 596-597, 303-320.	3.9	1,131
633	Removal of emerging micropollutants by activated sludge process and membrane bioreactors and the effects of micropollutants on membrane fouling: A review. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 2395-2414.	3.3	196
634	Desorption of micropollutant from spent carbon filters used for water purifier. <i>Environmental Science and Pollution Research</i> , 2017, 24, 17606-17615.	2.7	9
635	Endocrine disrupting compounds in drinking water supply system and human health risk implication. <i>Environment International</i> , 2017, 106, 207-233.	4.8	152
636	Development of a sensitive and robust online dual column liquid chromatography-tandem mass spectrometry method for the analysis of natural and synthetic estrogens and their conjugates in river water and wastewater. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5427-5440.	1.9	40
637	Effect of the high cross flow velocity on performance of a pilot-scale anaerobic membrane bioreactor for treating antibiotic solvent wastewater. <i>Bioresource Technology</i> , 2017, 243, 47-56.	4.8	19
638	Removal of perfluorooctanoic acid from water with economical mesoporous melamine-formaldehyde resin microsphere. <i>Chemical Engineering Journal</i> , 2017, 320, 501-509.	6.6	57
639	Occurrence and fate of endogenous steroid hormones, alkylphenol ethoxylates, bisphenol A and phthalates in municipal sewage treatment systems. <i>Journal of Environmental Sciences</i> , 2017, 61, 49-58.	3.2	70
640	Occurrence of personal care products as emerging chemicals of concern in water resources: A review. <i>Science of the Total Environment</i> , 2017, 595, 601-614.	3.9	252
641	Development of a novel hybrid biofuel cell type APAP/O ₂ based on a fungal bioanode with a <i>Scedosporium dehoogii</i> biofilm. <i>Journal of Applied Electrochemistry</i> , 2017, 47, 273-280.	1.5	13
642	Removal of naproxen from water by ionic liquid-modified polymer sorbents. <i>Chemical Engineering Research and Design</i> , 2017, 117, 698-705.	2.7	14
643	Global transcriptomic analysis of zebrafish in response to embryonic exposure to three antidepressants, amitriptyline, fluoxetine and mianserin. <i>Aquatic Toxicology</i> , 2017, 192, 274-283.	1.9	32
644	Recycling of Reverse Osmosis Concentrates to the Membrane Bioreactor in the MBR-RO Process for Water Reuse: effect on mbr performances. <i>Revue Des Sciences De L'Eau</i> , 0, 30, 1-10.	0.2	1

#	ARTICLE	IF	CITATIONS
645	Pharmacopollution and Household Waste Medicine (HWM): how reverse logistics is environmentally important to Brazil. <i>Environmental Science and Pollution Research</i> , 2017, 24, 24061-24075.	2.7	34
646	Modeling the fate and transport of 17 β -estradiol in the South River watershed in Virginia. <i>Chemosphere</i> , 2017, 186, 780-789.	4.2	9
647	Removal of Diclofenac, Ketoprofen, and Carbamazepine from Simulated Drinking Water by Advanced Oxidation in a Model Reactor. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	18
648	Toxicity study of reclaimed water on human embryonic kidney cells. <i>Chemosphere</i> , 2017, 189, 390-398.	4.2	6
649	Efficacy and mechanistic insights into endocrine disruptor degradation using atmospheric air plasma. <i>Chemical Engineering Journal</i> , 2017, 326, 700-714.	6.6	43
650	Role of membrane and compound properties in affecting the rejection of pharmaceuticals by different RO/NF membranes. <i>Frontiers of Environmental Science and Engineering</i> , 2017, 11, 1.	3.3	56
651	Removal of the emerging contaminant bisphenol A by an ureasilâ€PEO hybrid membrane: experimental study and molecular dynamic simulation. <i>Environmental Science and Pollution Research</i> , 2017, 24, 18421-18433.	2.7	10
652	Removal of micropollutants from Sakarya River water by ozone and membrane processes. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 438.	1.3	4
653	Toxicokinetics, disposition and metabolism of fluoxetine in crabs. <i>Chemosphere</i> , 2017, 186, 958-967.	4.2	19
654	Chitosan -Based Biosorbents: Modifications and Application for Sequestration of PPCPs and Metals for Water Remediation. , 2017, , 1-25.		2
657	Bioaccumulation and biodegradation of sulfamethazine in <i>Chlorella pyrenoidosa</i> . <i>Journal of Ocean University of China</i> , 2017, 16, 1167-1174.	0.6	35
658	Biological combination processes for efficient removal of pharmaceutically active compounds from wastewater: A review and future perspectives. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 3590-3603.	3.3	112
659	Direct and indirect photolysis of seven micropollutants in secondary effluent from a wastewater lagoon. <i>Chemosphere</i> , 2017, 185, 297-308.	4.2	92
660	Reduced Graphene Oxide Based â€œTurn-Onâ€Fluorescence Sensor for Highly Reproducible and Sensitive Detection of Small Organic Pollutants. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 604-615.	3.2	50
661	Heterogeneous Catalytic Ozonation of Sulfamethoxazole in Aqueous Solution over Composite Ironâ€Manganese Silicate Oxide. <i>Ozone: Science and Engineering</i> , 2017, 39, 24-32.	1.4	12
662	Efficient degradation of paracetamol with nanoscaled magnetic CoFe 2 O 4 and MnFe 2 O 4 as a heterogeneous catalyst of peroxymonosulfate. <i>Separation and Purification Technology</i> , 2017, 175, 47-57.	3.9	334
663	Products of methotrexate during chlorination. <i>Journal of Environmental Sciences</i> , 2017, 55, 100-108.	3.2	15
664	A passive sampling method for assessing the occurrence and risk of organophosphate flame retardants in aquatic environments. <i>Chemosphere</i> , 2017, 167, 1-9.	4.2	29

#	ARTICLE	IF	CITATIONS
665	Extraction of bisphenol F three isomers from water with 1-octyl-3-methylimidazolium tetrafluoroborate ionic liquid. Canadian Journal of Chemical Engineering, 2017, 95, 516-523.	0.9	7
666	Dynamic behavior of hydroxyl radical in sono-photo-Fenton mineralization of synthetic municipal wastewater effluent containing antipyrine. Ultrasonics Sonochemistry, 2017, 35, 185-195.	3.8	27
667	Trends in Asian Water Environmental Science and Technology. , 2017, , .		2
668	Removal of Pharmaceuticals from Water Using Adsorption. , 2017, , 105-114.		2
669	Chemical and photocatalytic oxidative degradation of carbamazepine by using metastable Bi ³⁺ self-doped NaBiO ₃ nanosheets as a bifunctional material. Applied Catalysis B: Environmental, 2017, 202, 528-538.	10.8	88
670	One-step hydrothermal synthesis of porous 3D reduced graphene oxide/TiO ₂ aerogel for carbamazepine photodegradation in aqueous solution. Applied Catalysis B: Environmental, 2017, 203, 85-95.	10.8	236
671	Submerged membrane filtration adsorption hybrid system for the removal of organic micropollutants from a water reclamation plant reverse osmosis concentrate. Desalination, 2017, 401, 134-141.	4.0	78
672	Frequency and use of pharmaceuticals in selected Slovakian town via wastewater analysis. Monatshefte für Chemie, 2017, 148, 441-448.	0.9	14
673	Hazard of Sulfonamides and Detection Technology Research Progress. IOP Conference Series: Earth and Environmental Science, 2017, 100, 012040.	0.2	2
674	Photochemical Elimination of Endocrine Disrupting Chemical (EDC) by ZnO Nanoparticles, Synthesized by Gel Combustion. Water Environment Research, 2017, 89, 396-405.	1.3	5
675	Recent Advances in the Use of Chemical Markers for Tracing Wastewater Contamination in Aquatic Environment: A Review. Water (Switzerland), 2017, 9, 143.	1.2	68
676	An adsorption and thermodynamic study of ofloxacin on marine sediments. Environmental Chemistry, 2017, 14, 350.	0.7	6
677	Fármacos e desreguladores endócrinos em Águas brasileiras: ocorrência e técnicas de remoção. Engenharia Sanitária E Ambiental, 2017, 22, 1043-1054.	0.1	38
678	Pharmaceutical and Endocrine Disruptor Compounds in Surface and Wastewater in San Marcos, Texas. Water Environment Research, 2017, 89, 2021-2030.	1.3	7
679	Investigation and application of diffusive gradients in thin-films technique for measuring endocrine disrupting chemicals in seawaters. Chemosphere, 2018, 200, 351-357.	4.2	48
680	Determining the presence of chemicals with suspected endocrine activity in drinking water from the Madrid region (Spain) and assessment of their estrogenic, androgenic and thyroidal activities. Chemosphere, 2018, 201, 388-398.	4.2	44
681	Ferrofluid-based liquid-phase microextraction: Analysis of four phenolic compounds in milks and fruit juices. Food Chemistry, 2018, 261, 96-102.	4.2	43
682	Adsorptive removal of antibiotics from water using peanut shells from agricultural waste. RSC Advances, 2018, 8, 13546-13555.	1.7	27

#	ARTICLE	IF	CITATIONS
683	Comparison of the degradation of molecular and ionic ibuprofen in a UV/H ₂ O ₂ system. <i>Water Science and Technology</i> , 2018, 77, 2174-2183.	1.2	24
684	Metal-organic frameworks (MOFs) as futuristic options for wastewater treatment. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 62, 130-145.	2.9	173
685	Adsorption of estrogen contaminants (17 β -estradiol and 17 α -ethynylestradiol) by graphene nanosheets from water: Effects of graphene characteristics and solution chemistry. <i>Chemical Engineering Journal</i> , 2018, 339, 296-302.	6.6	42
686	Occurrence and fate of emerging contaminants in municipal wastewater treatment plants from different geographical regions-a review. <i>Water Research</i> , 2018, 133, 182-207.	5.3	1,077
687	Evaluation of the current contamination status of PFASs and OPFRs in South Korean tap water associated with its origin. <i>Science of the Total Environment</i> , 2018, 634, 1505-1512.	3.9	64
688	Antibiotics elimination and risk reduction at two drinking water treatment plants by using different conventional treatment techniques. <i>Ecotoxicology and Environmental Safety</i> , 2018, 158, 154-161.	2.9	31
689	Destruction of propyl paraben by persulfate activated with UV-A light emitting diodes. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 2992-2997.	3.3	49
690	Degradation behaviors and genetic toxicity variations of pyrazolone pharmaceuticals during chlorine dioxide disinfection process. <i>Chemical Engineering Journal</i> , 2018, 345, 156-164.	6.6	25
691	Upgrading the Chinese biggest petrochemical wastewater treatment plant: Technologies research and full scale application. <i>Science of the Total Environment</i> , 2018, 633, 189-197.	3.9	36
692	Impact of inorganic ions and pH variations on toxicity and endocrine potential of selected environmentally relevant pharmaceuticals. <i>Environmental Pollution</i> , 2018, 237, 549-558.	3.7	11
693	Treatment processes for municipal wastewater reclamation: The challenges of emerging contaminants and direct potable reuse. <i>Current Opinion in Environmental Science and Health</i> , 2018, 2, 46-54.	2.1	66
694	Kinetics and pathways of Bezafibrate degradation in UV/chlorine process. <i>Environmental Science and Pollution Research</i> , 2018, 25, 672-682.	2.7	23
695	Removal of organic micropollutants in waste stabilisation ponds: A review. <i>Journal of Environmental Management</i> , 2018, 206, 202-214.	3.8	88
696	Effect of pore structure on the removal of clofibrac acid by magnetic anion exchange resin. <i>Chemosphere</i> , 2018, 191, 817-824.	4.2	21
697	Review of antibiotic resistance in China and its environment. <i>Environment International</i> , 2018, 110, 160-172.	4.8	1,043
698	Catalytic activity enhancement of a Fe ₃ O ₄ @SiO ₂ yolk-shell structure for oxidative degradation of acetaminophen by decoration with copper. <i>Journal of Cleaner Production</i> , 2018, 172, 1243-1253.	4.6	48
699	Understanding the sorption and biotransformation of organic micropollutants in innovative biological wastewater treatment technologies. <i>Science of the Total Environment</i> , 2018, 615, 297-306.	3.9	146
700	Removal of pharmaceutical compounds in water and wastewater using fungal oxidoreductase enzymes. <i>Environmental Pollution</i> , 2018, 234, 190-213.	3.7	179

#	ARTICLE	IF	CITATIONS
701	Synthetic draw solutes for forward osmosis: status and future. <i>Reviews in Chemical Engineering</i> , 2018, 34, 767-795.	2.3	16
702	Removal of contaminants of emerging concern by membranes in water and wastewater: A review. <i>Chemical Engineering Journal</i> , 2018, 335, 896-914.	6.6	461
704	Thermal air oxidation changes surface and adsorptive properties of black carbon (char/biochar). <i>Science of the Total Environment</i> , 2018, 618, 276-283.	3.9	51
705	Endocrine Disrupting Chemicals. , 2018, , 31-31.		3
706	Assessment of Pharmaceuticals, Personal Care Products, and Hormones in Wastewater Treatment Plants Receiving Inflows from Health Facilities in North West Province, South Africa. <i>Journal of Toxicology</i> , 2018, 2018, 1-15.	1.4	63
707	Occurrence and ecological risk assessment of pharmaceuticals and personal care products in Taihu Lake, China: a review. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 1640-1648.	1.7	46
708	Biodegradable nano carbon-based smart filters for efficient remediation of pharmaceutical contaminants. <i>Journal of Materials Chemistry A</i> , 2018, 6, 22951-22957.	5.2	7
709	Pond Snail Reproduction as Model in the Environmental Risk Assessment: Reality and Doubts. , 0, , .		7
710	Sensitivities of seven algal species to triclosan, fluoxetine and their mixtures. <i>Scientific Reports</i> , 2018, 8, 15361.	1.6	34
711	Effect of metformin exposure on growth and photosynthetic performance in the unicellular freshwater chlorophyte, <i>Chlorella vulgaris</i> . <i>PLoS ONE</i> , 2018, 13, e0207041.	1.1	13
712	Influence de la source lumineuse et de la nature de l'eau sur l'élimination de la Norfloxacine. <i>International Journal of Biological and Chemical Sciences</i> , 2018, 12, 1028.	0.1	0
713	The Role of Nanomaterials and Nanotechnologies in Wastewater Treatment: a Bibliometric Analysis. <i>Nanoscale Research Letters</i> , 2018, 13, 233.	3.1	45
714	Removal Processes of Carbamazepine in Constructed Wetlands Treating Secondary Effluent: A Review. <i>Water (Switzerland)</i> , 2018, 10, 1351.	1.2	16
715	Hormones removal from municipal wastewater using ultrasound. <i>AMB Express</i> , 2018, 8, 91.	1.4	27
716	Removal of benzotriazole from secondary municipal wastewater effluent by catalytic ozonation in the presence of magnetic alumina nanocomposite. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 6421-6430.	3.3	12
717	Assessment of Soil to Mitigate Antibiotics in the Environment Due to Release of Wastewater Treatment Plant Effluent. <i>Journal of Environmental Quality</i> , 2018, 47, 1347-1355.	1.0	14
718	Uptake and translocation of ¹⁴ C-Carbamazepine in soil-plant systems. <i>Environmental Pollution</i> , 2018, 243, 1352-1359.	3.7	15
719	Determination of Micropollutants in Water Samples from Swimming Pool Systems. <i>Water (Switzerland)</i> , 2018, 10, 1083.	1.2	23

#	ARTICLE	IF	CITATIONS
720	Efficient Removal Approach of Micropollutants in Wastewater Using Membrane Bioreactor. , 0, , .		5
721	Modeling emerging contaminants breakthrough in packed bed adsorption columns by UV absorbance and fluorescing components of dissolved organic matter. <i>Water Research</i> , 2018, 145, 667-677.	5.3	57
722	Occurrence, impact variables and potential risk of PPCPs and pesticides in a drinking water reservoir and related drinking water treatment plants in the Yangtze Estuary. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 1030-1045.	1.7	15
723	Occurrence and estrogenic activity of steroid hormones in Chinese streams: A nationwide study based on a combination of chemical and biological tools. <i>Environment International</i> , 2018, 118, 1-8.	4.8	62
724	Multi-barrier approach for removing organic micropollutants using mobile water treatment systems. <i>Science of the Total Environment</i> , 2018, 639, 331-338.	3.9	14
725	Endocrine disrupting activities and immunomodulatory effects in lymphoblastoid cell lines of diclofenac, 4-hydroxydiclofenac and paracetamol. <i>Toxicology Letters</i> , 2018, 294, 95-104.	0.4	16
727	A genetically engineered <i>Escherichia coli</i> that senses and degrades tetracycline antibiotic residue. <i>Synthetic and Systems Biotechnology</i> , 2018, 3, 196-203.	1.8	4
728	Emerging pollutants removal through advanced drinking water treatment: A review on processes and environmental performances assessment. <i>Journal of Cleaner Production</i> , 2018, 197, 1210-1221.	4.6	279
729	Trends in organic micropollutants removal in secondary treatment of sewage. <i>Reviews in Environmental Science and Biotechnology</i> , 2018, 17, 447-469.	3.9	41
730	Pharmaceuticals and Personal Care Products (PPCPs) as Emerging Environmental Pollutants: Toxicity and Risk Assessment. , 2018, , 337-353.		14
731	Behaviour of aqueous sulfamethizole solution and temperature effects in cold plasma oxidation treatment. <i>Scientific Reports</i> , 2018, 8, 8734.	1.6	6
732	Comparison of Sorption to Carbon-Based Materials and Nanomaterials Using Inverse Liquid Chromatography. <i>Environmental Science & Technology</i> , 2018, 52, 9731-9740.	4.6	8
733	Assessment of ¹⁴ C-sulfadiazine on <i>Danio rerio</i> (zebrafish). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 1001-1008.	0.7	4
734	Seasonal Changes in Antibiotic Resistance Genes in Rivers and Reservoirs in South Korea. <i>Journal of Environmental Quality</i> , 2018, 47, 1079-1085.	1.0	27
735	Operation costs of the solar photo-catalytic degradation of pharmaceuticals in water: A mini-review. <i>Chemosphere</i> , 2018, 211, 482-488.	4.2	48
736	Determination of Micropollutants in Water Samples from Swimming Pool Systems. <i>Proceedings (mdpi)</i> , 2017, 2, .	0.2	5
737	Determination of oestrogen hormones in raw and treated water samples by reverse phase ultra-fast liquid chromatography mass spectrometry – a case study in Johannesburg South, South Africa. <i>Water S A</i> , 2018, 44, .	0.2	8
738	Removal of Pharmaceutical and Personal Care Products (PPCPs) from Municipal Waste Water with Integrated Membrane Systems, MBR-RO/NF. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 269.	1.2	86

#	ARTICLE	IF	CITATIONS
739	The synergic impacts of TiO ₂ nanoparticles and 17 β -estradiol (E2) on the immune responses, E2 accumulation, and expression of immune-related genes of the blood clam, <i>Tegillarca granosa</i> . <i>Fish and Shellfish Immunology</i> , 2018, 81, 29-36.	1.6	19
740	Membrane Bioreactor for Pharmaceuticals and Personal Care Products Removal From Wastewater. <i>Comprehensive Analytical Chemistry</i> , 2018, 81, 201-256.	0.7	16
741	Carbamazepine as a Possible Anthropogenic Marker in Water: Occurrences, Toxicological Effects, Regulations and Removal by Wastewater Treatment Technologies. <i>Water (Switzerland)</i> , 2018, 10, 107.	1.2	124
742	The application of GAC sandwich slow sand filtration to remove pharmaceutical and personal care products. <i>Science of the Total Environment</i> , 2018, 635, 1182-1190.	3.9	50
743	Occurrence, distribution, and sources of emerging organic contaminants in tropical coastal sediments of anthropogenically impacted Klang River estuary, Malaysia. <i>Marine Pollution Bulletin</i> , 2018, 131, 284-293.	2.3	52
744	Comparison of coagulation and magnetic chitosan nanoparticle adsorption on the removals of organic compound and coexisting humic acid: A case study with salicylic acid. <i>Chemical Engineering Journal</i> , 2018, 347, 514-524.	6.6	33
745	Applicability study on the degradation of acetaminophen via an H ₂ O ₂ /PDS-based advanced oxidation process using pyrite. <i>Chemosphere</i> , 2018, 212, 438-446.	4.2	42
746	Environmental Concerns and Toxicogenetic Endpoints of Priority Substances (PSs) and Contaminants of Emerging Concerns (CECs): A Comprehensive Review. <i>American Journal of Environmental Sciences</i> , 2018, 14, 129-155.	0.3	3
747	Fate of pharmaceuticals during membrane bioreactor treatment: Status and perspectives. <i>Bioresource Technology</i> , 2018, 268, 733-748.	4.8	76
748	Anthocyanin-Sensitized TiO ₂ Nanoparticles for Phenazopyridine Photodegradation under Solar Simulated Light. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-14.	1.5	19
749	Hybrid membrane filtration-advanced oxidation processes for removal of pharmaceutical residue. <i>Journal of Colloid and Interface Science</i> , 2018, 532, 236-260.	5.0	164
750	Influence of spent filter backwash water recycling on pesticide removal in a conventional drinking water treatment process. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 1057-1067.	1.2	11
751	Removal of antibiotics from aqueous solution using silicon-based materials. An overview. <i>Environmental Technology Reviews</i> , 2018, 7, 177-198.	2.1	7
752	The occurrence, distribution and degradation of antibiotics by ionizing radiation: An overview. <i>Science of the Total Environment</i> , 2019, 646, 1385-1397.	3.9	348
753	Recognition of the prioritized types and individual of pharmaceuticals and personal care products (PPCPs) in the drinking water of Shanghai and a health risk assessment. <i>Human and Ecological Risk Assessment (HERA)</i> , 2019, 25, 1207-1221.	1.7	15
754	Xenobiotic Organic Compounds in Greywater and Environmental Health Impacts. <i>Water Science and Technology Library</i> , 2019, , 89-108.	0.2	8
755	Performance of secondary wastewater treatment methods for the removal of contaminants of emerging concern implicated in crop uptake and antibiotic resistance spread: A review. <i>Science of the Total Environment</i> , 2019, 648, 1052-1081.	3.9	328
756	Synthesis and characterization of samarium and nitrogen doped TiO ₂ photocatalysts for photo-degradation of 4-acetamidophenol in combination with hydrodynamic and acoustic cavitation. <i>Separation and Purification Technology</i> , 2019, 209, 254-269.	3.9	79

#	ARTICLE	IF	CITATIONS
757	The utilization of reclaimed water: Possible risks arising from waterborne contaminants. <i>Environmental Pollution</i> , 2019, 254, 113020.	3.7	82
758	Integration of advanced oxidation and membrane filtration for removal of micropollutants of emerging concern. <i>Chemical Engineering Research and Design</i> , 2019, 130, 67-76.	2.7	15
759	Template free mild hydrothermal synthesis of core-shell Cu ₂ O(Cu)@CuO visible light photocatalysts for <i>N</i> -acetyl- <i>p</i> -aminophenol degradation. <i>Journal of Materials Chemistry A</i> , 2019, 7, 20767-20777.	5.2	46
760	Occurrence and ecological risk of pharmaceutical and personal care products in surface water of the Dongting Lake, China-during rainstorm period. <i>Environmental Science and Pollution Research</i> , 2019, 26, 28796-28807.	2.7	36
761	Embryonic development, locomotor behavior, biochemical, and epigenetic effects of the pharmaceutical drugs paracetamol and ciprofloxacin in larvae and embryos of <i>Danio rerio</i> when exposed to environmental realistic levels of both drugs. <i>Environmental Toxicology</i> , 2019, 34, 1177-1190.	2.1	41
762	Mechanism insight of acetaminophen degradation by the UV/chlorine process: kinetics, intermediates, and toxicity assessment. <i>Environmental Science and Pollution Research</i> , 2019, 26, 25012-25025.	2.7	24
763	Organic micropollutant desorption in various water matrices - Activated carbon pore characteristics determine the reversibility of adsorption. <i>Chemosphere</i> , 2019, 237, 124415.	4.2	16
764	Acetaminophen micropollutant: Historical and current occurrences, toxicity, removal strategies and transformation pathways in different environments. <i>Chemosphere</i> , 2019, 236, 124391.	4.2	99
765	Water extractable organic matter (WEOM) as an indicator of granular activated carbon (GAC) bed life and water quality outcomes in drinking water treatment. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 1593-1598.	1.2	1
766	Induction of Microbial Oxidative Stress as a New Strategy to Enhance the Enzymatic Degradation of Organic Micropollutants in Synthetic Wastewater. <i>Environmental Science & Technology</i> , 2019, 53, 9553-9563.	4.6	18
767	<i>Biomphalaria alexandrina</i> : a model organism for assessing the endocrine disrupting effect of 17 β -estradiol. <i>Environmental Science and Pollution Research</i> , 2019, 26, 23328-23336.	2.7	5
768	Water quality and physicochemical parameters of outgoing waters in a pharmaceutical plant. <i>Applied Water Science</i> , 2019, 9, 1.	2.8	9
769	Adsorption of tylosin and sulfamethazine by carbon nanotubes and titanium dioxide nanoparticles: pH-dependent mechanisms. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 581, 123851.	2.3	6
770	Long-term performance and feasibility of using constructed wetlands for treatment of emerging and nanomaterial contaminants in municipal and industrial wastewater. , 2019, , 63-81.		1
771	Occurrence, fate and removal of pharmaceutically active compounds (PhACs) in water and wastewater treatment plants—A review. <i>Journal of Water Process Engineering</i> , 2019, 32, 100927.	2.6	212
772	Selection and evaluation of water pretreatment technologies for managed aquifer recharge (MAR) with reclaimed water. <i>Chemosphere</i> , 2019, 236, 124886.	4.2	9
773	Occurrence and ranking of pharmaceuticals in the major rivers of China. <i>Science of the Total Environment</i> , 2019, 696, 133991.	3.9	37
774	Occurrence and fate of benzophenone-type UV filters in aquatic environments: a review. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 209-223.	1.2	73

#	ARTICLE	IF	CITATIONS
775	Interface optimization by impedance spectroscopy and photoelectrocatalytic degradation of clofibrac acid. <i>Electrochimica Acta</i> , 2019, 300, 242-252.	2.6	10
776	Nickel in hierarchically structured nitrogen-doped graphene for robust and promoted degradation of antibiotics. <i>Journal of Cleaner Production</i> , 2019, 218, 202-211.	4.6	43
777	Characterisation of water-soluble protein powder and optimisation of process parameters for the removal of sulphonamides from wastewater. <i>Environmental Science and Pollution Research</i> , 2019, 26, 21450-21462.	2.7	15
778	Recent advances in nano-Fenton catalytic degradation of emerging pharmaceutical contaminants. <i>Journal of Molecular Liquids</i> , 2019, 290, 111177.	2.3	120
779	Novel 3-D flower like Bi ₃ O ₄ Cl/BiOCl p-n heterojunction nanocomposite for the degradation of levofloxacin drug in aqueous phase. <i>Chemical Engineering Research and Design</i> , 2019, 128, 342-352.	2.7	47
780	Toxic effects and metabolic fate of carbamazepine in diatom <i>Navicula</i> sp. as influenced by humic acid and nitrogen species. <i>Journal of Hazardous Materials</i> , 2019, 378, 120763.	6.5	16
781	Bioremoval of non-steroidal anti-inflammatory drugs by <i>Pseudoxanthomonas</i> sp. DIN-3 isolated from biological activated carbon process. <i>Water Research</i> , 2019, 161, 459-472.	5.3	62
782	Myco-Remediation of Xenobiotic Organic Compounds for a Sustainable Environment: A Critical Review. <i>Topics in Current Chemistry</i> , 2019, 377, 17.	3.0	35
783	Biological Treatment Processes for the Removal of Organic Micropollutants from Wastewater: a Review. <i>Current Pollution Reports</i> , 2019, 5, 112-128.	3.1	127
784	Pharmaceuticals Present in Urban and Hospital Wastewaters in Mexico City. <i>Journal of Water Chemistry and Technology</i> , 2019, 41, 105-112.	0.2	10
785	Attenuation, transport, and management of estrogens: A review. <i>Chemosphere</i> , 2019, 230, 462-478.	4.2	54
786	Hierarchically Porous Composite Scaffold Composed of SBA-15 Microrods and Reduced Graphene Oxide Functionalized with Cyclodextrin for Water Purification. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15764-15772.	4.0	15
787	Pharmaceutical and personal care product contamination: a global scenario. , 2019, , 27-61.		7
788	Degradation of dye in wastewater by Homogeneous Fe(VI)/NaHSO ₃ system. <i>Chemosphere</i> , 2019, 228, 595-601.	4.2	30
789	Detection status and removal characteristics of pharmaceuticals in wastewater treatment effluent. <i>Journal of Water Process Engineering</i> , 2019, 31, 100828.	2.6	39
790	Ultrafiltration/Granulated Active Carbon-Biofilter: Efficient Removal of a Broad Range of Micropollutants. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 710.	1.3	46
791	Boron- δ -Doped Diamond for Hydroxyl Radical and Sulfate Radical Anion Electrogenation, Transformation, and Voltage-Free Sustainable Oxidation. <i>Small</i> , 2019, 15, e1900153.	5.2	45
792	Sustainable treatment systems for removal of pharmaceutical residues and other priority persistent substances. <i>Water Science and Technology</i> , 2019, 79, 537-543.	1.2	13

#	ARTICLE	IF	CITATIONS
793	Pharmaceuticals of Emerging Concern in Aquatic Systems: Chemistry, Occurrence, Effects, and Removal Methods. <i>Chemical Reviews</i> , 2019, 119, 3510-3673.	23.0	1,427
794	Occurrence and ecological risk of pharmaceuticals and personal care products (PPCPs) and pesticides in typical surface watersheds, China. <i>Ecotoxicology and Environmental Safety</i> , 2019, 175, 289-298.	2.9	172
795	TiO ₂ photocatalytic degradation of the flame retardant tris (2-chloroethyl) phosphate (TCEP) in aqueous solution: A detailed kinetic and mechanistic study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 377, 130-137.	2.0	19
796	Correlating effluent concentrations and bench-scale experiments to assess the transformation of endocrine active compounds in wastewater by UV or chlorination disinfection. <i>Chemosphere</i> , 2019, 226, 565-575.	4.2	14
797	Physico-chemical and biological aspects of a serially connected lab-scale constructed wetland-stabilization tank-GAC slow sand filtration system during removal of selected PPCPs. <i>Chemical Engineering Journal</i> , 2019, 369, 1109-1118.	6.6	29
798	Degradation performance and microbial community analysis of microbial electrolysis cells for erythromycin wastewater treatment. <i>Biochemical Engineering Journal</i> , 2019, 146, 1-9.	1.8	72
799	In Situ Modification of Reverse Osmosis Membrane Elements for Enhanced Removal of Multiple Micropollutants. <i>Membranes</i> , 2019, 9, 28.	1.4	40
800	Facet-Dependent Photodegradation of Methylene Blue Using Pristine CeO ₂ Nanostructures. <i>ACS Omega</i> , 2019, 4, 4243-4251.	1.6	63
801	The possibility to use multi-walled carbon nanotubes as a sorbent for dispersive solid phase extraction of selected pharmaceuticals and their metabolites: Effect of extraction condition. <i>Microchemical Journal</i> , 2019, 146, 1113-1125.	2.3	27
802	Carbon nanotube composite membranes for microfiltration of pharmaceuticals and personal care products. , 2019, , 183-202.		10
803	Catalytic Ozonation of Sulfonamide, Fluoroquinolone, and Tetracycline Antibiotics Using Nano-Magnesium Hydroxide from Natural Bischofite. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	1.1	11
805	Photocatalytic Degradation of Rifampicin: Influencing Parameters and Mechanism. <i>Russian Journal of Physical Chemistry A</i> , 2019, 93, 2834-2841.	0.1	28
806	Paracetamol Degradation Performance and Mechanisms Using Microwave-Assisted Heat-Activated Persulfate in Solutions. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	1.1	9
807	Scaling up Photoelectrocatalytic Reactors: A TiO ₂ Nanotube-Coated Disc Compound Reactor Effectively Degrades Acetaminophen. <i>Water (Switzerland)</i> , 2019, 11, 2522.	1.2	19
808	Simultaneous Determination of Fluoxetine, Estrone, Pesticides, and Endocrine Disruptors in Wastewater by Gas Chromatography–Mass Spectrometry (GC–MS) Following Switchable Solvent–Liquid Phase Microextraction (SS–LPME). <i>Analytical Letters</i> , 2019, 52, 869-878.	1.0	28
809	Membrane-based separation of potential emerging pollutants. <i>Separation and Purification Technology</i> , 2019, 210, 850-866.	3.9	277
810	Co-doped NaBiO ₃ nanosheets with surface confined Co species: High catalytic activation of peroxymonosulfate and ultra-low Co leaching. <i>Chemical Engineering Journal</i> , 2019, 356, 359-370.	6.6	41
811	Degradation kinetics, mechanism and toxicology of tris(2-chloroethyl) phosphate with 185-nm vacuum ultraviolet. <i>Chemical Engineering Journal</i> , 2019, 356, 98-106.	6.6	53

#	ARTICLE	IF	CITATIONS
812	Revisiting fish toxicity of active pharmaceutical ingredients: Mechanistic insights from integrated ligand-/structure-based assessments on acetylcholinesterase. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 548-558.	2.9	9
813	Impact of blending for direct potable reuse on premise plumbing microbial ecology and regrowth of opportunistic pathogens and antibiotic resistant bacteria. <i>Water Research</i> , 2019, 151, 75-86.	5.3	39
814	Fate of pharmaceuticals and personal care products in a wastewater treatment plant with parallel secondary wastewater treatment train. <i>Journal of Environmental Management</i> , 2019, 233, 649-659.	3.8	105
815	Bisphenols (A, S, and F) affect the basic hormonal activity determined for pharmaceuticals in <i>Saccharomyces cerevisiae</i> . <i>Environmental Pollution</i> , 2019, 246, 914-920.	3.7	13
816	Aqueous-Phase Temperature Swing Adsorption for Pesticide Removal. <i>Environmental Science & Technology</i> , 2019, 53, 919-927.	4.6	21
817	Heterogeneous Fenton-like oxidation of naproxen using synthesized goethite-montmorillonite nanocomposite. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 370, 67-74.	2.0	32
818	Rejection of pharmaceutical compounds from surface water by nanofiltration and reverse osmosis. <i>Separation and Purification Technology</i> , 2019, 212, 171-179.	3.9	85
819	Photocatalytic degradation of Ibuprofen, Naproxen, and Cetirizine using PAN-MWCNT nanofibers crosslinked TiO ₂ -NH ₂ nanoparticles under visible light irradiation. <i>Separation and Purification Technology</i> , 2019, 212, 110-118.	3.9	65
820	Removal of personal care products (PCPs) in wastewater and sludge treatment and their occurrence in receiving soils. <i>Water Research</i> , 2019, 150, 129-139.	5.3	84
821	Simultaneous Determination of Selected Trace Contaminants in Drinking Water Using Solid-Phase Extraction-High Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	1.1	19
822	Roles of ammonia-oxidizing bacteria in improving metabolism and cometabolism of trace organic chemicals in biological wastewater treatment processes: A review. <i>Science of the Total Environment</i> , 2019, 659, 419-441.	3.9	93
823	Occurrence and distribution of pharmaceutical and personal care products, artificial sweeteners, and pesticides in groundwater from an agricultural area in Korea. <i>Science of the Total Environment</i> , 2019, 659, 168-176.	3.9	111
824	Synthesis and applications of biogenic nanomaterials in drinking and wastewater treatment. <i>Journal of Environmental Management</i> , 2019, 231, 734-748.	3.8	94
825	Efficient removal of the pharmaceutical pollutants included in the EU Watch List (Decision 2015/495) by modified magnetite/H ₂ O ₂ . <i>Chemical Engineering Journal</i> , 2019, 376, 120265.	6.6	15
826	Clay minerals for pharmaceutical wastewater treatment. , 2019, , 167-196.		19
827	Detection, Occurrence, and Treatment of Nonylphenol and Bisphenol-A in Taiwanese Drinking Water Sources. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2019, 23, 04018039.	1.2	6
828	Organophosphate flame retardants in leachates from six municipal landfills across China. <i>Chemosphere</i> , 2019, 218, 836-844.	4.2	33
829	Chromatographic Methods for the Determination of Emerging Contaminants in Natural Water and Wastewater Samples: A Review. <i>Critical Reviews in Analytical Chemistry</i> , 2019, 49, 160-186.	1.8	42

#	ARTICLE	IF	CITATIONS
830	Occurrence and fate of PPCPs in typical drinking water treatment plants in China. <i>Environmental Geochemistry and Health</i> , 2019, 41, 5-15.	1.8	26
831	Understanding the mechanisms of trace organic contaminant removal by high retention membrane bioreactors: a critical review. <i>Environmental Science and Pollution Research</i> , 2019, 26, 34085-34100.	2.7	40
832	Control of emerging contaminants by the combination of electrochemical processes and membrane bioreactors. <i>Environmental Science and Pollution Research</i> , 2019, 26, 1103-1112.	2.7	68
833	Ag ₂ O/TiO ₂ nanostructures for the photocatalytic mineralization of the highly recalcitrant pollutant iopromide in pure and tap water. <i>Catalysis Today</i> , 2020, 341, 71-81.	2.2	19
834	The comparative study of two kinds of $\text{I}^2\text{-Bi}_2\text{O}_3/\text{TiO}_2$ binary composite and their removal of 17 β -ethynylestradiol. <i>Environmental Science and Pollution Research</i> , 2020, 27, 24692-24701.	2.7	10
835	Degradation of polar and non-polar pharmaceutical pollutants in water by solar assisted photocatalysis using hydrothermal TiO ₂ -SnS ₂ . <i>Chemical Engineering Journal</i> , 2020, 382, 122826.	6.6	37
836	Bioassay: A useful tool for evaluating reclaimed water safety. <i>Journal of Environmental Sciences</i> , 2020, 88, 165-176.	3.2	30
837	Advances in photo-catalysis approach for the removal of toxic personal care product in aqueous environment. <i>Environment, Development and Sustainability</i> , 2020, 22, 6029-6052.	2.7	28
838	Synergistic multiple active species for the degradation of sulfamethoxazole by peroxymonosulfate in the presence of CuO@FeOx@Fe ₀ . <i>Chemical Engineering Journal</i> , 2020, 380, 122568.	6.6	98
839	Effects of common pharmaceutical drugs (paracetamol and acetylsalicylic acid) short term exposure on biomarkers of the mussel <i>Mytilus</i> spp. <i>Environmental Toxicology and Pharmacology</i> , 2020, 73, 103276.	2.0	32
840	Environmental impact and biological removal processes of pharmaceutically active compounds: The particular case of sulfonamides, anticonvulsants and steroid estrogens. <i>Critical Reviews in Environmental Science and Technology</i> , 2020, 50, 698-742.	6.6	21
841	Occurrence, interactive effects and ecological risk of diclofenac in environmental compartments and biota - a review. <i>Science of the Total Environment</i> , 2020, 698, 134057.	3.9	249
842	Reaction intermediates during the photocatalytic degradation of emerging contaminants under visible or solar light. , 2020, , 163-193.		0
843	Removal of contaminants of emerging concern by FO, RO, and UF membranes in water and wastewater. , 2020, , 139-176.		21
844	Detection, identification and determination of chiral pharmaceutical residues in wastewater: Problems and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 122, 115710.	5.8	39
845	Toxicity of nonylphenol and nonylphenol ethoxylate on <i>Caenorhabditis elegans</i> . <i>Ecotoxicology and Environmental Safety</i> , 2020, 187, 109709.	2.9	21
846	Predicted no-effect concentrations determination and ecological risk assessment for benzophenone-type UV filters in aquatic environment. <i>Environmental Pollution</i> , 2020, 256, 113460.	3.7	23
847	Immunotoxicity of microplastics and two persistent organic pollutants alone or in combination to a bivalve species. <i>Environmental Pollution</i> , 2020, 258, 113845.	3.7	160

#	ARTICLE	IF	CITATIONS
848	Ecofriendly laccases treatment to challenge micropollutants issue in municipal wastewaters. <i>Environmental Pollution</i> , 2020, 257, 113579.	3.7	35
849	Occurrence and ecological implications of organophosphate triesters and diester degradation products in wastewater, river water, and tap water. <i>Environmental Pollution</i> , 2020, 259, 113810.	3.7	55
850	Overview of the analysis, occurrence and ecological effects of hormones in lake waters in Asia. <i>Environmental Research</i> , 2020, 182, 109091.	3.7	26
851	Response of <i>Solanum lycopersicum</i> L. to diclofenac – Impacts on the plant's antioxidant mechanisms. <i>Environmental Pollution</i> , 2020, 258, 113762.	3.7	18
852	UVC-assisted photocatalytic degradation of carbamazepine by Nd-doped Sb ₂ O ₃ /TiO ₂ photocatalyst. <i>Journal of Colloid and Interface Science</i> , 2020, 562, 461-469.	5.0	26
853	Environment-Friendly Removal Methods for Endocrine Disrupting Chemicals. <i>Sustainability</i> , 2020, 12, 7615.	1.6	66
854	Renovated filter filled with poly-3-hydroxybutyrate-co-hydroxyvalerate and granular activated carbon for simultaneous removal of nitrate and PPCPs from the secondary effluent. <i>Science of the Total Environment</i> , 2020, 749, 141494.	3.9	24
855	A green air assisted-dispersive liquid-liquid microextraction based on solidification of a novel low viscous ternary deep eutectic solvent for the enrichment of endocrine disrupting compounds from water. <i>Journal of Chromatography A</i> , 2020, 1629, 461498.	1.8	44
856	Big data analytics and sustainable textile manufacturing. <i>Management Decision</i> , 2020, 58, 1699-1714.	2.2	12
857	Organic fertilizer as a chelating agent in photo-Fenton at neutral pH with LEDs for agricultural wastewater reuse: Micropollutant abatement and bacterial inactivation. <i>Chemical Engineering Journal</i> , 2020, 388, 124246.	6.6	28
858	Montmorillonite impregnated electrospun cellulose acetate nanofiber sorptive membrane for ciprofloxacin removal from wastewater. <i>Journal of Water Process Engineering</i> , 2020, 37, 101497.	2.6	37
859	Detection, transformation, and toxicity of indole-derivative nonsteroidal anti-inflammatory drugs during chlorine disinfection. <i>Chemosphere</i> , 2020, 260, 127579.	4.2	16
860	Production of granular activated carbon by thermal air oxidation of biomass charcoal/biochar for water treatment in rural communities: A mechanistic investigation. <i>Chemical Engineering Journal Advances</i> , 2020, 4, 100035.	2.4	27
861	Comparison of behavioral assays for assessing toxicant-induced alterations in neurological function in larval fathead minnows. <i>Chemosphere</i> , 2020, 257, 126825.	4.2	3
862	The reactions of chlorine dioxide with inorganic and organic compounds in water treatment: kinetics and mechanisms. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2287-2312.	1.2	50
863	Catalytic degradation mechanism of sulfamethazine via photosynergy of monoclinic BiVO ₄ and microalgae under visible-light irradiation. <i>Water Research</i> , 2020, 185, 116220.	5.3	23
864	Occurrence and risk assessment of pharmaceutically active compounds in water supply systems in Brazil. <i>Science of the Total Environment</i> , 2020, 746, 141011.	3.9	53
865	Research Progress in Application of Low Temperature Plasma Technology for Wastewater Treatment. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 512, 012031.	0.2	3

#	ARTICLE	IF	CITATIONS
866	Facile Electrosynthesis of Fe ₃ O ₄ Nanoparticles Mediated with Sodium Alginate for Paracetamol Degradation. IOP Conference Series: Materials Science and Engineering, 2020, 808, 012023.	0.3	2
867	Investigation of Ultrasonically Induced Degradation of Tris(2-chloroethyl) Phosphate in Water. Journal of Environmental Engineering, ASCE, 2020, 146, .	0.7	3
868	Preparation of Polyurethane and Carbon Nanotube Foam and Its Adsorption Properties for Sulfonamides in Water. Journal of Environmental Engineering, ASCE, 2020, 146, .	0.7	4
869	Investigation of micropollutants removal from landfill leachate in a full-scale advanced treatment plant in Istanbul city, Turkey. Science of the Total Environment, 2020, 748, 141423.	3.9	27
870	Quantification of Non-steroidal Anti-inflammatory Drug in Water. Handbook of Environmental Chemistry, 2020, , 83-103.	0.2	0
871	Assessment of antibiotics from natural water resources and the potential ecological risk associated with their presence in aquatic ecosystems for developing advanced technologies for removal of antibiotic. AIP Conference Proceedings, 2020, , .	0.3	1
872	Occurrences of pharmaceuticals and personal care products in the drinking water of Taiwan and their removal in conventional water treatment processes. Chemosphere, 2020, 256, 127002.	4.2	59
873	Removal of acetaminophen from water by simulated solar light photodegradation with ZnO and TiO ₂ nanoparticles: Catalytic efficiency assessment for future prospects. Journal of Environmental Chemical Engineering, 2020, 8, 104038.	3.3	46
874	Occurrence and distribution of hormones and bisphenol A in Laguna Lake, Philippines. Chemosphere, 2020, 256, 127122.	4.2	26
875	Endocrine disrupting compounds in the middle and lower reaches of the Lhasa River Basin: Occurrence, distribution, and risk assessment. Science of the Total Environment, 2020, 727, 138694.	3.9	28
876	Pharmaceutical compounds in tributaries of the Han River watershed, South Korea. Environmental Research, 2020, 188, 109758.	3.7	13
877	Synthesis of g-C ₃ N ₄ /BiVO ₄ heterojunction composites for photocatalytic degradation of nonylphenol ethoxylate. Separation and Purification Technology, 2020, 250, 117202.	3.9	42
878	Sewage treatment using Aqueous Phase Reforming for reuse purpose. Journal of Water Process Engineering, 2020, 37, 101413.	2.6	12
879	Potential use of floating treatment wetlands established with <i>Canna flaccida</i> for removing organic contaminants from surface water. International Journal of Phytoremediation, 2020, 22, 1304-1312.	1.7	20
880	Metal-organic frameworks as adsorbents for sequestering organic pollutants from wastewater. Materials Chemistry and Physics, 2020, 253, 123246.	2.0	56
881	Exclusion of Estrogenic and Androgenic Steroid Hormones from Municipal Membrane Bioreactor Wastewater Using UF/NF/RO Membranes for Water Reuse Application. Membranes, 2020, 10, 37.	1.4	27
882	Temporal-spatial variation and environmental risk assessment of pharmaceuticals in tributaries of the Han River watershed, South Korea. Science of the Total Environment, 2020, 741, 140486.	3.9	18
883	Exploratory study on the presence of bisphenol A and bis(2-ethylhexyl) phthalate in the Santa Catarina River in Monterrey, N.L., Mexico. Environmental Monitoring and Assessment, 2020, 192, 488.	1.3	12

#	ARTICLE	IF	CITATIONS
884	Pharmaceutical and synthetic hormone removal using biopolymer membranes. , 2020, , 397-421.		3
885	The role of filamentous fungi in drinking water biofilm formation. , 2020, , 101-125.		3
886	Advanced oxidative degradation of acetaminophen by carbon catalysts: Radical vs non-radical pathways. Environmental Research, 2020, 188, 109767.	3.7	35
887	Selected Pharmaceuticals in Different Aquatic Compartments: Part I – Source, Fate and Occurrence. Molecules, 2020, 25, 1026.	1.7	65
888	Ecological impact assessment of 110 micropollutants in the Yarlung Tsangpo River on the Tibetan Plateau. Journal of Environmental Management, 2020, 262, 110291.	3.8	28
889	The Removal of Antibiotics in Relation to a Microbial Community in an Integrated Constructed Wetland for Tail Water Decontamination. Wetlands, 2020, 40, 993-1004.	0.7	14
890	Fabrication of Yb-doped TiO ₂ using liquid phase plasma process and its photocatalytic degradation activity of naproxen. Journal of Materials Science, 2020, 55, 9665-9675.	1.7	8
891	Occurrences of microorganic pollutants in the Kumho River by a comprehensive target analysis using LC-Q/TOF-MS with sequential window acquisition of all theoretical fragment ion spectra (SWATH). Science of the Total Environment, 2020, 713, 136508.	3.9	11
892	A low pressure SWCNT@ENM sandwich membrane system for the removal of PPCPs from water. Canadian Journal of Chemical Engineering, 2020, 98, 1047-1058.	0.9	3
893	Uptake of atenolol, carbamazepine and triclosan by crops irrigated with reclaimed water in a Mediterranean scenario. Ecotoxicology and Environmental Safety, 2020, 191, 110171.	2.9	48
894	Sulfamethoxazole/Trimethoprim ratio as a new marker in raw wastewaters: A critical review. Science of the Total Environment, 2020, 715, 136916.	3.9	71
895	Adsorption Characteristics of Oxytetracycline by Different Fractions of the Organic Matter from Humus Soil: Insight from Internal Structure and Composition. International Journal of Environmental Research and Public Health, 2020, 17, 914.	1.2	12
896	Puberty visualized: sexual maturation in the transparent Casper zebrafish. Zygote, 2020, 28, 322-332.	0.5	5
897	Estrogenic Hormones in São Paulo Waters (Brazil) and Their Relationship with Environmental Variables and Sinapis alba Phytotoxicity. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	17
898	The effect of incorporating inorganic materials into quaternized polyacrylic polymer on its mechanical strength and adsorption behaviour for ibuprofen removal. Scientific Reports, 2020, 10, 5188.	1.6	10
899	Active pharmaceutical ingredients in Malaysian drinking water: consumption, exposure, and human health risk. Environmental Geochemistry and Health, 2020, 42, 3247-3261.	1.8	36
900	Adsorption and desorption behaviors of antibiotic ciprofloxacin on functionalized spherical MCM-41 for water treatment. Journal of Cleaner Production, 2020, 264, 121644.	4.6	97
901	Effects of tris (2-chloroethyl) phosphate (TCEP) on growth, reproduction and gene transcription in the protozoan Tetrahymena thermophila. Aquatic Toxicology, 2020, 222, 105477.	1.9	15

#	ARTICLE	IF	CITATIONS
902	Pharmaceutical and Personal Care Products (PPCPs) in the environment: Plant uptake, translocation, bioaccumulation, and human health risks. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 1221-1258.	6.6	127
903	Photocatalysis of xenobiotic organic compounds in greywater using zinc oxide nanoparticles: a critical review. <i>Water and Environment Journal</i> , 2021, 35, 190-217.	1.0	15
904	Green-synthesized nanocatalysts and nanomaterials for water treatment: Current challenges and future perspectives. <i>Journal of Hazardous Materials</i> , 2021, 401, 123401.	6.5	259
905	Fate and Transport of Subsurface Pollutants. <i>Microorganisms for Sustainability</i> , 2021, , .	0.4	6
907	Endocrine-disrupting compounds: Occurrence, detection methods, effects and promising treatment pathways—A critical review. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104558.	3.3	63
908	Evaluating environmental impact of STP effluents on receiving water in Beijing by the joint use of chemical analysis and biomonitoring. <i>Science of the Total Environment</i> , 2021, 752, 141942.	3.9	5
909	A review of the biotransformations of priority pharmaceuticals in biological wastewater treatment processes. <i>Water Research</i> , 2021, 188, 116446.	5.3	131
910	Semiconductor based photocatalysts for detoxification of emerging pharmaceutical pollutants from aquatic systems: A critical review. <i>Nano Materials Science</i> , 2021, 3, 25-46.	3.9	72
911	Presence and fate of micropollutants during anaerobic digestion of sewage and their implications for the circular economy: A short review. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104931.	3.3	33
912	Diclofenac photodegradation with the Perovskites BaFeyTi1-yO3 as catalysts. <i>Environmental Science and Pollution Research</i> , 2021, 28, 23822-23832.	2.7	7
913	An Insight into Biological and Chemical Technologies for Micropollutant Removal from Wastewater. <i>Microorganisms for Sustainability</i> , 2021, , 199-226.	0.4	8
914	Development of a qualitative approach to assessing risks associated with the use of treated wastewater in agricultural irrigation. <i>Journal of Hazardous Materials</i> , 2021, 406, 124286.	6.5	12
915	Contaminants of emerging concern in the Basque coast (N Spain): Occurrence and risk assessment for a better monitoring and management decisions. <i>Science of the Total Environment</i> , 2021, 765, 142765.	3.9	27
916	Comprehensive evaluation of adsorption performances of carbonaceous materials for sulfonamide antibiotics removal. <i>Environmental Science and Pollution Research</i> , 2021, 28, 2400-2414.	2.7	10
917	Effective biomarkers to assess the toxicity of pharmaceutical residues on marine bivalves. , 2021, , 419-455.		1
918	Bionanocomposites for wastewater treatment. , 2021, , 249-272.		1
919	Potentials and performance of biological processes for treatment of pharmaceuticals and personal care products in wastewater. , 2021, , 523-550.		1
920	Occurrence of Pharmaceuticals and Personal Care Products, and Their Associated Environmental Risks in Drinking Water Source of the Haihe River Basin, China. <i>Advances in Environmental Protection</i> , 2021, 11, 441-456.	0.0	0

#	ARTICLE	IF	CITATIONS
921	Synthesis of TiO ₂ -Ag ₃ PO ₄ photocatalyst material with high adsorption capacity and photocatalytic activity: application in the removal of dyes and pesticides. RSC Advances, 2021, 11, 17032-17045.	1.7	27
922	Determination of 38 pharmaceuticals and personal care products in water by lyophilization combined with liquid chromatography-tandem mass spectrometry. Analytical Methods, 2021, 13, 299-310.	1.3	30
923	Pharmaceuticals as Emerging Contaminant in Agriculture: Source, Transport, Ecological Risks and Removal Strategies. Sustainable Agriculture Reviews, 2021, , 133-176.	0.6	2
924	Current status of pharmaceutical contamination in water. , 2021, , 255-270.		3
925	Indicator Compounds Representative of Contaminants of Emerging Concern (CECs) Found in the Water Cycle in the United States. International Journal of Environmental Research and Public Health, 2021, 18, 1288.	1.2	15
926	Removal of Tetracycline Oxidation Products in the Nanofiltration Process. Water (Switzerland), 2021, 13, 555.	1.2	13
927	Catalytic activity of metals in heterogeneous Fenton-like oxidation of wastewater contaminants: a review. Environmental Chemistry Letters, 2021, 19, 2405-2424.	8.3	128
928	Comparison of ozonation removal for PPCPs in secondary treated sewage by microbubble generator and ejector. Environmental Engineering Research, 2022, 27, 200163-0.	1.5	4
929	Enhanced dissipation of trace level organic contaminants by floating treatment wetlands established with two macrophyte species: A mesocosm study. Chemosphere, 2021, 267, 129159.	4.2	12
930	Global trends of antibiotics research: comparison using network analysis to map the tendencies of antibiotics in water, soil and sediment. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 2021, 112, 51-60.	0.3	0
931	A review of distribution and risk of pharmaceuticals and personal care products in the aquatic environment in China. Ecotoxicology and Environmental Safety, 2021, 213, 112044.	2.9	80
932	Analysing organic micropollutant accumulation in closed loop FO-RO systems: A pilot plant study. Journal of Membrane Science, 2021, 626, 119182.	4.1	4
933	A review of antiepileptic drugs: Part 1 occurrence, fate in aquatic environments and removal during different treatment technologies. Science of the Total Environment, 2021, 768, 145487.	3.9	19
934	Comprehensive review on iodinated X-ray contrast media: Complete fate, occurrence, and formation of disinfection byproducts. Science of the Total Environment, 2021, 769, 144846.	3.9	47
935	Sediments in the mangrove areas contribute to the removal of endocrine disrupting chemicals in coastal sediments of Macau SAR, China, and harbour microbial communities capable of degrading E2, EE2, BPA and BPS. Biodegradation, 2021, 32, 511-529.	1.5	9
937	Photocatalytic degradation of pharmaceuticals and organic contaminants of emerging concern using nanotubular structures. Current Opinion in Green and Sustainable Chemistry, 2021, 29, 100470.	3.2	17
938	Hospital wastewater as a source of environmental contamination: An overview of management practices, environmental risks, and treatment processes. Journal of Water Process Engineering, 2021, 41, 101990.	2.6	73
939	In-situ synthesis of manganese oxide-carbon nanocomposite and its application in activating persulfate for bisphenol F degradation. Science of the Total Environment, 2021, 772, 144953.	3.9	32

#	ARTICLE	IF	CITATIONS
940	Camellia japonica diminishes acetaminophen-induced acute liver failure by attenuating oxidative stress in mice. <i>Environmental Science and Pollution Research</i> , 2021, 28, 57192-57206.	2.7	4
941	Fate of 15 wastewater originated organic micropollutants in a sand column. <i>Sustainable Water Resources Management</i> , 2021, 7, 1.	1.0	1
942	A critical review on bismuth oxyhalide based photocatalysis for pharmaceutical active compounds degradation: Modifications, reactive sites, and challenges. <i>Journal of Hazardous Materials</i> , 2021, 412, 125186.	6.5	100
943	Seaweeds fast EDC bioremediation: Supporting evidence of EE2 and BPA degradation by the red seaweed <i>Gracilaria</i> sp., and a proposed model for the remedy of marine-borne phenol pollutants. <i>Environmental Pollution</i> , 2021, 278, 116853.	3.7	10
944	Integrated remediation approaches for selected pharmaceutical and personal care products in urban soils for a sustainable future. <i>Energy, Ecology and Environment</i> , 2022, 7, 439-452.	1.9	8
945	Photocatalytic performance and mechanism of AgI/Ag/ZnO composites as catalysts for the visible-light-driven degradation of naproxen. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 414, 113283.	2.0	14
946	Occurrence and removal of micropollutants in full-scale aerobic, anaerobic and facultative wastewater treatment plants in Brazil. <i>Journal of Environmental Management</i> , 2021, 287, 112286.	3.8	26
947	The effect of PFOs on the uptake and translocation of emerging contaminants by crops cultivated under soil and soilless conditions. <i>Ecotoxicology and Environmental Safety</i> , 2021, 215, 112103.	2.9	6
948	Steroid hormones and their metabolites in water of centralized drinking water supply systems as ecopolutants. <i>Pharmacy Formulas</i> , 2021, 3, 66-71.	0.2	2
949	A review of treatment techniques applied for selective removal of emerging pollutant-trimethoprim from aqueous systems. <i>Journal of Cleaner Production</i> , 2021, 308, 127359.	4.6	49
950	Far-Less Studied Natural Estrogens as Ignored Emerging Contaminants in Surface Water: Insights from Their Occurrence in the Pearl River, South China. <i>ACS ES&T Water</i> , 2021, 1, 1776-1784.	2.3	11
951	Evaluation of ibuprofen contamination in local urban rivers and its effects on immune parameters of juvenile grass carp. <i>Fish Physiology and Biochemistry</i> , 2021, 47, 1405-1413.	0.9	8
952	Phytoremediation as a green biotechnology tool for emerging environmental pollution: A step forward towards sustainable rehabilitation of the environment. <i>Chemical Engineering Journal</i> , 2021, 415, 129040.	6.6	134
953	Assessment of Human Pharmaceuticals in Drinking Water Catchments, Tap and Drinking Fountain Waters. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7062.	1.3	14
954	Environmental protection by the adsorptive elimination of acetaminophen from water: A comprehensive review. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 104, 117-135.	2.9	43
955	Simultaneous removal of tetracycline and manganese (II) ions from groundwater using manganese oxide filters: Efficiency and mechanisms. <i>Journal of Water Process Engineering</i> , 2021, 42, 102158.	2.6	12
956	Titanium Dioxide-Based Photocatalysts for Degradation of Emerging Contaminants including Pharmaceutical Pollutants. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8674.	1.3	34
957	Abundance, fate, and effects of pharmaceuticals and personal care products in aquatic environments. <i>Journal of Hazardous Materials</i> , 2022, 424, 127284.	6.5	138

#	ARTICLE	IF	CITATIONS
958	Resistance genes and extracellular proteins relieve antibiotic stress on the anammox process. <i>Water Research</i> , 2021, 202, 117453.	5.3	56
959	Use of immobilized bacteria for environmental bioremediation: A review. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105920.	3.3	93
960	Fabrication of ferrous tungstate with enhanced sonocatalytic performance for meloxicam removal. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 627, 127222.	2.3	8
961	Effects of sulfamethoxazole on the growth, oxidative stress and inflammatory response in the liver of juvenile Nile tilapia (<i>Oreochromis niloticus</i>). <i>Aquaculture</i> , 2021, 543, 736935.	1.7	7
962	Occurrence and risk assessment of pharmaceuticals and personal care products (PPCPs) against COVID-19 in lakes and WWTP-river-estuary system in Wuhan, China. <i>Science of the Total Environment</i> , 2021, 792, 148352.	3.9	88
963	Degradation of micropollutants in flow-through VUV/LUV/H ₂ O ₂ reactors: Effects of H ₂ O ₂ dosage and reactor internal diameter. <i>Journal of Environmental Sciences</i> , 2021, 110, 28-37.	3.2	11
964	Formation of N-nitrosodimethylamine (NDMA) from tetracycline antibiotics during the disinfection of ammonium-containing water: The role of antibiotics dissociation and active chlorine species. <i>Science of the Total Environment</i> , 2021, 798, 149071.	3.9	10
965	Abatement technology of endocrine-disrupting chemicals (EDCs) by means of enhanced coagulation and ozonation for wastewater reuse. <i>Chemosphere</i> , 2021, 285, 131515.	4.2	10
966	Novel Ti ₃ C ₂ /Bi@BiOI nanosheets with gradient oxygen vacancies for the enhancement of spatial charge separation and photocatalytic performance: The roles of reactive oxygen and iodine species. <i>Chemical Engineering Journal</i> , 2021, 426, 130764.	6.6	43
967	Liquid-liquid equilibrium data for the ternary system based on ionic liquid+organic solvents+water at 298 K and atmospheric pressure applied in antidepressant partitioning. <i>Separation and Purification Technology</i> , 2021, 278, 119532.	3.9	4
968	Removal of emerging contaminants in water treatment by nanofiltration and reverse osmosis. , 2022, , 605-628.		4
969	Green-synthesized nanoparticles for treatment of wastewater: an environmentally sustainable pollution remediation technology. , 2021, , 29-70.		1
970	Pharmaceutical and Personal Care Products in the Aquatic Environment and Wastewater Treatment by Advanced Oxidation Processes. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 299-352.	0.3	0
971	Activated Porous Carbon Derived from Tea and Plane Tree Leaves Biomass for the Removal of Pharmaceutical Compounds from Wastewaters. <i>Antibiotics</i> , 2021, 10, 65.	1.5	21
972	Wastewater Treatment Plant wastewater treatment plant (WWTP) : Anthropogenic Micropollutant Indicators for Sustainable River Management. , 2012, , 11911-11932.		3
973	Sustainable Water Treatment Using Nanofiltration and Tight Ultrafiltration Membranes. , 2012, , 10530-10542.		1
974	Sustainable Water Treatment Using Nanofiltration and Tight Ultrafiltration Membranes. , 2013, , 1-14.		1
975	Anaerobic Biotechnology for the Treatment of Pharmaceutical Compounds and Hospital Wastewaters. <i>Environmental Chemistry for A Sustainable World</i> , 2020, , 61-84.	0.3	8

#	ARTICLE	IF	CITATIONS
976	Organic Pollutants. Fundamentals in Organic Geochemistry, 2018, , 55-156.	0.2	2
977	Liquid Chromatography- ¹³ C Mass Spectrometry Methods for Analysis of Endocrine-Disrupting Chemicals in Wastewaters. Handbook of Environmental Chemistry, 2009, , 227-271.	0.2	4
978	Removal of Emerging Contaminants in Water Treatment by Nanofiltration and Reverse Osmosis. Handbook of Environmental Chemistry, 2008, , 103-125.	0.2	7
979	Viability and Reliability of Dense Membranes in Removing Trace Organic Contaminants for Wastewater Reclamation and Purification: Pros and Cons, Mechanisms, and Trends. , 2015, , 805-823.		2
980	Occurrence and Health Impacts of Emerging Contaminants in Municipal Wastewater Reuse. , 2019, , 1-28.		2
981	Natural Attenuation of Pharmaceuticals in the Aquatic Environment and Role of Phototransformation. Springer Transactions in Civil and Environmental Engineering, 2021, , 65-94.	0.3	7
982	Diclofenac shifts the role of root glutamine synthetase and glutamate dehydrogenase for maintaining nitrogen assimilation and proline production at the expense of shoot carbon reserves in Solanum lycopersicum L. Environmental Science and Pollution Research, 2020, 27, 29130-29142.	2.7	16
983	Oxidation of antipyrine by chlorine dioxide: Reaction kinetics and degradation pathway. Chemical Engineering Journal, 2017, 309, 646-654.	6.6	34
984	Factor affecting the role of radicals contribution at different wavelengths, degradation pathways and toxicity during UV-LED/chlorine process. Chemical Engineering Journal, 2020, 392, 124552.	6.6	28
985	Quantification of selected pharmaceutical compounds in water using liquid chromatography-electrospray ionisation mass spectrometry (LC-ESI-MS). Heliyon, 2020, 6, e05787.	1.4	24
986	Occurrence and removal of pharmaceuticals, hormones, personal care products, and endocrine disrupters in a full-scale water reclamation plant. Science of the Total Environment, 2017, 599-600, 1503-1516.	3.9	180
987	Can Microalgae Remove Pharmaceutical Contaminants from Water?. Trends in Biotechnology, 2018, 36, 30-44.	4.9	376
988	Élimination des composés pharmaceutiques en station de purification par traitements biologiques et ozonation tertiaire. Techniques - Sciences - Methodes, 2016, , 45-58.	0.0	2
989	Antimicrobials and Antibiotics. , 2009, , 141-185.		3
991	Source Apportionment and Risk Assessment of Emerging Contaminants: An Approach of Pharmaco-Signature in Water Systems. PLoS ONE, 2015, 10, e0122813.	1.1	19
992	Determination of Toxicological Parameters of Selected Bioactive Organic Chemicals Using the Ostracodtoxkit FTM. Chemistry, Didactics, Ecology, Metrology, 2018, 23, 113-126.	0.1	5
993	Modeling Amoxicillin Removal From Aquatic Environments in Biofilters. Health Scope, 2014, 3, .	0.4	2
994	Pharmaceutical Mixtures: Still A Concern for Human and Environmental Health. Current Medicinal Chemistry, 2020, 27, 121-153.	1.2	6

#	ARTICLE	IF	CITATIONS
995	Trends in the Bioremediation of Pharmaceuticals and Other Organic Contaminants Using Native or Genetically Modified Microbial Strains: A Review. <i>Current Pharmaceutical Biotechnology</i> , 2019, 20, 787-824.	0.9	13
999	A COMPARATIVE STUDY ON TREATMENT TECHNOLOGIES FOR SEWAGE RECLAMATION: A FOCUS ON THE DISINFECTION PROCESS. <i>IJUM Engineering Journal</i> , 2020, 21, 80-99.	0.5	1
1000	Verification of Automatic Water Sampling System for Chemical Spill Events. <i>Journal of Environmental Analysis Health and Toxicology</i> , 2019, 22, 126-134.	0.1	2
1001	Microwave Enhanced Synthesis of Chitosan-Graft-Polyacrylamide Molecular Imprinting Polymer for Selective Removal of 17β -Estradiol at Trace Concentration. <i>Asian Journal of Biochemistry</i> , 2010, 6, 38-54.	0.5	28
1002	Health Effects of Pesticides on Pregnant Women and Children. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2019, , 105-122.	0.3	1
1003	Determination of Nonylphenol, Octylphenol and Bisphenol-A in Water and Sediments of Two Major Rivers in Lagos, Nigeria. <i>Journal of Environmental Protection</i> , 2013, 04, 38-45.	0.3	40
1004	Industrial Wastewater Treatment by Using MBR (Membrane Bioreactor) Review Study. <i>Journal of Environmental Protection</i> , 2015, 06, 584-598.	0.3	39
1006	Removal of a synthetic broad-spectrum antimicrobial agent, triclosan, in wastewater treatment systems: A short review. <i>Environmental Engineering Research</i> , 2015, 20, 111-120.	1.5	31
1007	Occurrence and removals of micropollutants in water environment. <i>Environmental Engineering Research</i> , 2016, 21, 319-332.	1.5	122
1008	Occurrence of Residual Pharmaceuticals and Fate, Residue and Toxic Effect in Drinking Water Resources. <i>Daehan Hwan'gyeong Gonghag Hoeji</i> , 2011, 33, 453-479.	0.4	12
1009	Characteristics of Occurrence of Pharmaceuticals in the Nakdong River. <i>Daehan Hwan'gyeong Gonghag Hoeji</i> , 2013, 35, 45-56.	0.4	8
1010	A Study on the Adsorption of Sulfonamide Antibiotics on Activated Carbon Using Density Functional Theory. <i>Daehan Hwan'gyeong Gonghag Hoeji</i> , 2013, 35, 457-463.	0.4	2
1011	Oxidative Transformation of Tetracycline in Aqueous Solution by Birnessite. <i>Daehan Hwan'gyeong Gonghag Hoeji</i> , 2015, 37, 73-80.	0.4	3
1012	Occurrence of Organophosphorus Flame Retardants (OPFRs) in Nakdong River Basin : Mainstreams, Tributaries and STP Effluents. <i>Daehan Hwan'gyeong Gonghag Hoeji</i> , 2015, 37, 396-403.	0.4	7
1013	Evaluation of Biodegradation Potential and Biodegradation Kinetic for Estrogens in Biological Activated Carbon (BAC) Process. <i>Daehan Hwan'gyeong Gonghag Hoeji</i> , 2018, 40, 64-72.	0.4	6
1014	Pharmaceuticals and Personal Care Products Toxicity to Japanese Medaka Fish (<i>Oryzias latipes</i>). <i>Journal of the Faculty of Agriculture, Kyushu University</i> , 2009, 54, 407-411.	0.1	20
1016	Caffeine and Carbamazepine: Detection in Nakdong River Basin and Behavior under Drinking Water Treatment Processes. <i>Journal of Environmental Science International</i> , 2012, 21, 837-843.	0.0	6
1017	Detection of estrogenic hormone 17β -estradiol in soil samples by a recombinant yeast bioassay and supercritical fluid extraction. <i>Korean Journal of Environmental Agriculture</i> , 2008, 27, 447-455.	0.0	1

#	ARTICLE	IF	CITATIONS
1018	Simple and Fast Methods Based on Solid-Phase Extraction Coupled to Liquid Chromatography with UV Detection for the Monitoring of Caffeine in Natural, and Wastewater as Marker of Anthropogenic Impact. <i>ISRN Chromatography</i> , 2012, 2012, 1-7.	0.6	6
1019	Determination of personal care products in aquatic environmental samples by GC/MS. <i>Analytical Science and Technology</i> , 2010, 23, 477-484.	0.3	3
1020	Sonopholytic Degradation of Estriol at Various Ultraviolet Wavelength in Aqueous Solution. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 07GD11.	0.8	1
1021	Environmentally relevant levels of four psychoactive compounds vary in their effects on freshwater fish condition: a brain concentration evidence approach. <i>PeerJ</i> , 2020, 8, e9356.	0.9	8
1022	Drugs in Drinking Water Treatment Options. , 2007, , 217-228.		0
1023	Pharmaceuticals in Environment and Their Implication in Environmental Health. <i>Korean Journal of Environmental Health Sciences</i> , 2009, 35, 433-446.	0.1	8
1024	Aquatic Pollution by Personal Care Products, Insect Repellent (DEET) and Scabicide (Crotamiton): Their Presence, Seasonal Variation, and Comparison in their Concentrations in Raw and Drinking Waters of Northwest Area in Chiba, Japan. <i>Journal of Environmental Chemistry</i> , 2010, 20, 121-125.	0.1	3
1025	Characteristics of tamiflu occurrence in surface water using LC/MS/MS. <i>Analytical Science and Technology</i> , 2010, 23, 147-154.	0.3	0
1026	Endocrine Disrupting Compounds in Surface Water and Their Degradation by Advanced Oxidation Process with Ozone. <i>Hexagon Series on Human and Environmental Security and Peace</i> , 2012, , 279-297.	0.2	0
1027	A study on the aquatic eco-risk assessment of antibiotics treated by radiation. <i>Journal of the Korean Society of Water and Wastewater</i> , 2012, 26, 373-381.	0.3	1
1028	Occurrence of X-ray Contrast Media (Iopromide) in the Nakdong River Basin. <i>Journal of Environmental Science International</i> , 2012, 21, 1131-1138.	0.0	1
1029	Endocrine-Disrupting Chemicals, Pharmaceuticals and Personal Care Products. , 2013, , 871-915.		0
1030	Pollution of Aqueous Matrices with Pharmaceuticals. , 2014, , 355-373.		0
1031	Fates and Removals of Micropollutants in Drinking Water Treatment. <i>Korean Journal of Environmental Health Sciences</i> , 2013, 39, 391-407.	0.1	2
1033	Comparison of estrogen compounds removal efficiency in sample and alternating anoxic/aerobic activated sludge process. <i>IOSR Journal of Environmental Science, Toxicology and Food Technology</i> , 2014, 8, 100-108.	0.1	1
1034	A Effect of Heavy Metal to Toxicity of Triclosan Focused on <i>Vibrio fischeri</i> Assay. <i>Daehan Hwan'gyeong Gonghag Hoeji</i> , 2014, 36, 153-161.	0.4	4
1035	The Chronic POEDCs Ecotoxicological Impact: An Aquatic Environmental Indicator of Surface and Groundwater. , 2015, , 767-780.		0
1036	Développement d'une méthodologie pour l'estimation des concentrations en résidus médicamenteux dans les eaux de rejets hospitaliers. <i>Techniques - Sciences - Methodes</i> , 2015, , 45-55.	0,0	0

#	ARTICLE	IF	CITATIONS
1037	Removal of Psychiatric Drugs in Water Treatment Systems. Springer Briefs in Molecular Science, 2015, , 47-71.	0.1	0
1038	Effects of Activated Carbon Particle Sizes on Caffeine Adsorptions. Journal of the Korean Society of Water and Wastewater, 2015, 29, 407-414.	0.3	0
1039	Heterogeneous Fenton Reaction for Degradation of Ofloxacin with Magnetic CeO ₂ /Fe ₃ O ₄ . Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2016, 31, 613.	0.6	0
1040	Determination of Antibiotic Residues: I. Extraction and Clean-up Methods for Solid Samples_A Review. Journal of Korean Neuropsychiatric Association, 2016, 32, 600-627.	0.2	0
1041	Endocrine-Disrupting Chemicals. Chromatographic Science, 2017, , 469-489.	0.1	0
1042	Occurrence and Fate of Human and Veterinary Medicinal Products. , 2018, , 659-721.		1
1043	Fungal Fuel Cells: Nature's Perpetual Energy Resource. , 2018, , 117-135.		0
1044	Diklofenak'ın Kalıtımsal UV ve UV/ H ₂ O ₂ Yarıntemleri ile Cideriminin Karşılaştırılması. Kahramanmaraş Sırtıçm. Ü. Fen Bilimleri Dergisi, 2018, 21, 272-279.	0.0	0
1046	Degradation of residual pharmaceuticals in water by UV/H ₂ O ₂ /O ₃ ; advanced oxidation process. Journal of the Korean Society of Water and Wastewater, 2019, 33, 469-480.	0.3	4
1047	Biodegradability, environmental risk assessment and ecological footprint in wastewater technologies for pharmaceutically active compounds removal. Bioresource Technology, 2022, 343, 126150.	4.8	17
1048	Health Effects of Pesticides on Pregnant Women and Children. , 2020, , 272-295.		0
1049	Nanofiltration and reverse osmosis processes for the removal of micro-pollutants. , 2020, , 527-552.		3
1050	Biogenic Nanomaterials: Synthesis and Its Applications for Sustainable Development. , 2020, , 99-132.		5
1051	Degradation of Caffeine by Heterogeneous Photocatalysis Using ZnO with Fe and Ag. Brazilian Archives of Biology and Technology, 0, 63, .	0.5	3
1052	Green Technologies for the Treatment of Pharmaceutical Contaminants in Wastewaters. Microorganisms for Sustainability, 2020, , 1-20.	0.4	0
1053	Emerging Contaminants in Landfill Leachate and Their Treatment Methods. Advances in Environmental Engineering and Green Technologies Book Series, 2020, , 152-175.	0.3	0
1054	The issues of Antibiotics: Cephalexin Antibiotic as emerging environment contaminant. International Journal of Scientific and Research Publications, 2020, 10, p9843.	0.0	3
1055	Enhanced degradation of carbamazepine by iron/S(IV) system using a novel S(IV) source. Chemical Engineering Journal, 2022, 431, 133464.	6.6	1

#	ARTICLE	IF	CITATIONS
1056	Chiral inversion of 2-arylpropionic acid (2-APA) enantiomers during simulated biological wastewater treatment. <i>Water Research</i> , 2022, 209, 117871.	5.3	4
1057	Uptake of perfluoroalkyl substances, pharmaceuticals, and parabens by oyster mushrooms (<i>Pleurotus</i>) Tj ETQq1 1 0,784314 rgBT /Ov	4.2	18
1058	Distribution of pharmaceutical and personal care products (PPCPs) in aquatic environment in Hanoi and Metro Manila. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 847.	1.3	11
1059	A Review of the Occurrence of Pharmaceutical Compounds as Emerging Contaminants in Treated Wastewater and Aquatic Environments. <i>Current Pharmaceutical Analysis</i> , 2022, 18, 345-379.	0.3	9
1060	MXene-based hybrid composites as photocatalyst for the mitigation of pharmaceuticals. <i>Chemosphere</i> , 2022, 291, 133062.	4.2	15
1061	Paracetamol degradation by photo-assisted activation of peroxymonosulfate over Zn _x Ni _{1-x} Fe ₂ O ₄ @BiOBr heterojunctions. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106797.	3.3	9
1062	Removal of pharmaceuticals from water using sewage sludge-derived biochar: A review. <i>Chemosphere</i> , 2022, 289, 133196.	4.2	84
1063	17 β -ethynylestradiol and its two main conjugates in seven municipal wastewater treatment plants: Analytical method, their occurrence, removal and risk evaluation. <i>Science of the Total Environment</i> , 2022, 812, 152489.	3.9	16
1064	Contaminants of emerging concerns in recycled water: Fate and risks in agroecosystems. <i>Science of the Total Environment</i> , 2022, 814, 152527.	3.9	37
1065	Acute exposure to environmentally relevant concentrations of phenytoin damages early development and induces oxidative stress in zebrafish embryos. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 253, 109265.	1.3	2
1066	Medicating the environment? A critical review on the risks of carbamazepine, diclofenac and ibuprofen to aquatic organisms. <i>Environmental Advances</i> , 2022, 7, 100164.	2.2	23
1067	Potential of the Constructed Wetlands and the Earthworm-Based Treatment Technologies to Remove the Emerging Contaminants: A Review. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2022, 26, .	1.2	22
1068	Sorption of pharmaceutical and personal care products from the wastewater by carbonaceous materials. , 2022, , 175-196.		1
1069	Impact of Polymer Membrane Properties on the Removal of Pharmaceuticals. <i>Membranes</i> , 2022, 12, 150.	1.4	8
1070	Variations in the Life-Cycle Parameters and Population Growth of Rotifer <i>Brachionus Plicatilis</i> Under the Stress of Microplastics and 17 β -Estradiol. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1072	Model Predictive Control Strategy for the Degradation of Pharmaceutically Active Compounds by UV/H ₂ O ₂ Oxidation Process. <i>Water (Switzerland)</i> , 2022, 14, 385.	1.2	0
1073	Strategies for the detection, removal and elimination of antidepressants. <i>International Journal of Environmental Analytical Chemistry</i> , 2024, 104, 323-354.	1.8	2
1074	Long term exposure to tris (2-chloroethyl) phosphate (TCEP) causes alterations in reproductive hormones, vitellogenin, antioxidant enzymes, and histology of gonads in zebrafish (<i>Danio rerio</i>): In vivo and computational analysis. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 254, 109263.	1.3	11

#	ARTICLE	IF	CITATIONS
1075	Elucidating the biodegradation pathway and catabolic genes of benzophenone-3 in <i>Rhodococcus</i> sp. S2-17. <i>Environmental Pollution</i> , 2022, 299, 118890.	3.7	12
1076	Pharmaceuticals and personal care products. , 2022, , 171-190.		2
1077	MXenes as next-generation materials for the photocatalytic degradation of pharmaceuticals in water. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107381.	3.3	31
1078	Decreases in wastewater pollutants increased fish diversity of Chicago's waterways. <i>Science of the Total Environment</i> , 2022, 824, 153776.	3.9	4
1080	Microbial biomass for sustainable remediation of wastewater. , 2022, , 271-292.		2
1081	Biogenic nanoparticles and their application for removal of organic contaminants from water and wastewater. , 2022, , 211-218.		1
1082	Chronic Effects of Fluoxetine on <i>Danio rerio</i> : A Biochemical and Behavioral Perspective. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2256.	1.3	8
1083	Functional nanomaterials based opto-electrochemical sensors for the detection of gonadal steroid hormones. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 150, 116571.	5.8	13
1084	Occurrence, toxicity impacts and mitigation of emerging micropollutants in the aquatic environments: Recent tendencies and perspectives. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107598.	3.3	52
1085	Occurrence and fate of micropollutants in water bodies. , 2022, , 271-293.		0
1089	Mutagenic and Estrogenic Effects of Organic Compounds in Water Treated by Different Processes: A Pilot Study. <i>Biomedical and Environmental Sciences</i> , 2015, 28, 571-81.	0.2	0
1091	Environmental impact, health hazards, and plant-microbes synergism in remediation of emerging contaminants. , 2022, 2, 100030.		10
1092	Co-Doped, Tri-Doped, and Rare-Earth-Doped g-C ₃ N ₄ for Photocatalytic Applications: State-of-the-Art. <i>Catalysts</i> , 2022, 12, 586.	1.6	9
1093	The Environmental and Health Impacts of Steroids and Hormones in Wastewater Effluent, as Well as Existing Removal Technologies: A Review. <i>Ecologies</i> , 2022, 3, 206-224.	0.7	32
1094	Influence of Nonsteroidal Anti-Inflammatory Drugs (NSAIDs) on Photosynthetic Parameters and Secondary Metabolites of Plants from Fabaceae Family. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6326.	1.3	1
1095	Inverse micelle fabrication of ordered mesoporous manganese oxide and degradation of tetracycline hydrochloride. <i>Journal of Colloid and Interface Science</i> , 2022, 625, 397-404.	5.0	9
1097	Spatiotemporal analysis of multi-pesticide residues in the largest Central European shallow lake, Lake Balaton, and its sub-catchment area. <i>Environmental Sciences Europe</i> , 2022, 34, .	2.6	9
1098	Spatial and Temporal Distribution Characteristics and Potential Risks of Sulfonamides in the Shaanxi Section of the Weihe River. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8607.	1.2	2

#	ARTICLE	IF	CITATIONS
1099	Removal of Carbamazepine in Aqueous Solution by CoS ₂ /Fe ²⁺ /PMS Process. <i>Molecules</i> , 2022, 27, 4524.	1.7	1
1100	An overview of different strategies involved in an efficient control of emerging contaminants: Promising enzymes and the related reaction process. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108211.	3.3	3
1101	Waterâ€™Energy Nexus in Wastewater Management for Irrigation. <i>Handbook of Environmental Chemistry</i> , 2022, , .	0.2	0
1102	Chemiluminescence quenching capacity as a surrogate for total organic carbon in wastewater. <i>Journal of Hazardous Materials</i> , 2022, 440, 129765.	6.5	9
1103	Distribution, ecological fate, and risks of steroid estrogens in environmental matrices. <i>Chemosphere</i> , 2022, 308, 136370.	4.2	5
1104	Perspectives on the use of modular systems for organic micropollutants removal. , 2022, , 33-53.		0
1105	Emerging Organic Compound (EOC) Removal from Water and Wastewater Using Innovative Technologies and Materials. <i>Handbook of Environmental Chemistry</i> , 2022, , 379-419.	0.2	1
1107	Theoretical study of the interaction of fullerenes with the emerging contaminant carbamazepine for detection in aqueous environments. <i>Scientific Reports</i> , 2022, 12, .	1.6	6
1108	Cosmetic wastewater treatment technologies: a review. <i>Environmental Science and Pollution Research</i> , 2022, 29, 75223-75247.	2.7	13
1109	Fe ₃ O ₄ -TiO ₂ Thin Films in Solar Photocatalytic Processes. <i>Materials</i> , 2022, 15, 6718.	1.3	10
1110	Monitoring of an Antituberculosis Drug Degradation under UV Radiation. <i>Russian Journal of Physical Chemistry A</i> , 2022, 96, 2277-2283.	0.1	1
1111	Contaminants of emerging concerns (CECs) in a municipal wastewater treatment plant in Indonesia. <i>Environmental Science and Pollution Research</i> , 2023, 30, 21512-21532.	2.7	10
1112	Photocatalytic Activity of Sulfanyl Porphyrazine/Titanium Dioxide Nanocomposites in Degradation of Organic Pollutants. <i>Materials</i> , 2022, 15, 7264.	1.3	0
1113	Prevalence of organic micropollutants in the Yamuna River, Delhi, India: seasonal variations and governing factors. <i>Science of the Total Environment</i> , 2023, 858, 159684.	3.9	3
1114	Effects of fluoxetine on fish: What do we know and where should we focus our efforts in the future?. <i>Science of the Total Environment</i> , 2023, 857, 159486.	3.9	9
1115	Occurrence, distribution, and ecological risk assessment of pharmaceuticals and personal care products in the surface water of the middle and lower reaches of the Yellow River (Henan section). <i>Journal of Hazardous Materials</i> , 2023, 443, 130369.	6.5	17
1116	Microalgae, a current option for the bioremediation of pharmaceuticals: a review. <i>Folia Microbiologica</i> , 2023, 68, 167-179.	1.1	3
1117	A comparative evaluation of reverse osmosis membrane performance when combined with anaerobic or aerobic membrane bioreactors for indirect potable reuse applications. <i>Journal of Water Process Engineering</i> , 2022, 50, 103295.	2.6	3

#	ARTICLE	IF	CITATIONS
1118	Peroxymonosulfate activated by composite ceramic membrane for the removal of pharmaceuticals and personal care products (PPCPs) mixture: Insights of catalytic and noncatalytic oxidation. <i>Water Research</i> , 2023, 229, 119444.	5.3	11
1119	Adsorption behavior of hierarchical porous biochar from shrimp shell for tris(2-chloroethyl) phosphate (TCEP): Sorption experiments and DFT calculations. <i>Environmental Research</i> , 2023, 219, 115128.	3.7	12
1120	Enhanced Adsorption of Sulfonamides by Attapulgite-Doped Biochar Prepared with Calcination. <i>Molecules</i> , 2022, 27, 8076.	1.7	1
1121	Removal of orange G dye by <i>Aspergillus niger</i> and its effect on organic acid production. <i>Preparative Biochemistry and Biotechnology</i> , 0, , 1-12.	1.0	2
1122	Advances in polymer-based detection of environmental ibuprofen in wastewater. <i>Environmental Science and Pollution Research</i> , 2023, 30, 14062-14090.	2.7	1
1123	Orta Karadeniz Bölgesi Kızılırmak ve Yeşilırmak Nehirlerindeki Mikrokirlenici Varlıkların İncelenmesi. <i>European Journal of Science and Technology</i> , 0, , .	0.5	0
1124	Removal of pharmaceutical compounds from water. <i>Advances in Chemical Pollution, Environmental Management and Protection</i> , 2023, , .	0.3	0
1125	Improvement of Fe(VI) oxidation by NaClO on degrading phenolic substances and reducing DBPs formation potential. <i>Science of the Total Environment</i> , 2023, 864, 161080.	3.9	1
1126	Occurrence of endocrine disruptors in Malaysia's water systems: A scoping review. <i>Environmental Pollution</i> , 2023, 324, 121095.	3.7	2
1127	Absorption, translocation, and metabolism of atrazine, carbamazepine, and sulfamethoxazole by the macrophyte Orange King Humbert canna lily (<i>Canna generalis</i> L.H. Bailey (pro sp.) [<i>glauca</i> (L.) Indica]). <i>Environmental Science and Pollution Research</i> , 2023, 30, 46282-46294.	1.1	1
1128	Indicators for the sustainability assessment of MBR technologies for wastewater reuse in Chile: The good, the bad, and the ugly. <i>MethodsX</i> , 2023, 10, 102111.	0.7	0
1129	Pharmaceutically Active Compounds in Anaerobic Digestion Processes: Biodegradation and Fate. <i>Green Energy and Technology</i> , 2023, , 91-106.	0.4	0
1130	Removal of Toxic Emerging Pollutants Using Membrane Technologies. <i>Materials Horizons</i> , 2023, , 157-208.	0.3	2
1131	Occurrence and Removal of Pharmaceutical Contaminants in Urine: A Review. <i>Water (Switzerland)</i> , 2023, 15, 1517.	1.2	3
1132	Full factorial design methodology approach to optimize the elimination of gallic acid from water by coagulation using activated acorns barks as coagulant-aid. <i>Journal of the Serbian Chemical Society</i> , 2023, , 84-84.	0.4	0
1133	Treatment Trends and Combined Methods in Removing Pharmaceuticals and Personal Care Products from Wastewater: A Review. <i>Membranes</i> , 2023, 13, 158.	1.4	19
1134	Recycling of wet grinding industry effluent using effective Microorganisms (EM). <i>Heliyon</i> , 2023, 9, e13266.	1.4	3
1135	A label-free fluorescent aptamer sensor for testosterone based on SYBR Green I. <i>Analytical Methods</i> , 2023, 15, 1546-1552.	1.3	0

#	ARTICLE	IF	CITATIONS
1136	Innovative and eco-friendly technologies for the upgradation of pharmaceutical wastewater treatment processes. , 2023, , 367-398.		3
1137	Preparation of Immobilised $^{171}\text{I}^2$ -Estradiol-Imprinted Nanoparticles onto Bacterial Cellulose Nanofibres to Use for the Removal of $^{171}\text{I}^2$ -Estradiol from Wastewater. <i>Polymers</i> , 2023, 15, 1201.	2.0	1
1138	Mesocosm Evaluation of the Safety of the Use of Reclaimed Water Regarding Emerging Pollutants in Murcia, Spain. <i>Sustainability</i> , 2023, 15, 4536.	1.6	0
1139	Biodegradation of pharmaceutical compounds in industrial wastewater using biological treatment: a comprehensive overview. <i>International Journal of Environmental Science and Technology</i> , 2023, 20, 5659-5696.	1.8	14
1140	Organophosphate Esters (OPEs) Flame Retardants in Water: A Review of Photocatalysis, Adsorption, and Biological Degradation. <i>Molecules</i> , 2023, 28, 2983.	1.7	4
1141	Multimedia fate of sulfamethoxazole (SMX) in a water-scarce city by coupling fugacity model and HYDRUS-1D model. <i>Science of the Total Environment</i> , 2023, 881, 163331.	3.9	2
1142	Removal of Ciprofloxacin from Water by a Potassium Carbonate-Activated Sycamore Floc-Based Carbonaceous Adsorbent: Adsorption Behavior and Mechanism. <i>Langmuir</i> , 2023, 39, 5323-5332.	1.6	3
1143	A critical review on emerging contaminants: origin, discernment, and remedies. <i>Sustainable Water Resources Management</i> , 2023, 9, .	1.0	6
1150	Development strategies for pharmaceutical waste management: in view of healthcare perspectives. , 2023, , 97-121.		0
1152	Sustainable Water Treatment Using Nanofiltration and Tight Ultrafiltration Membranes. , 2023, , 11-23.		0
1153	Wastewater Treatment Plant: Anthropogenic Micropollutant Indicators for Sustainable River Management. , 2012, , 71-92.		0