

Pharmaceuticals and personal care products (PPCPs): A contamination in China

Environment International

59, 208-224

DOI: [10.1016/j.envint.2013.06.012](https://doi.org/10.1016/j.envint.2013.06.012)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Pharmaceuticals and personal care products in a mesoscale subtropical watershed and their application as sewage markers. <i>Journal of Hazardous Materials</i> , 2014, 280, 696-705.	6.5	91
2	Removal of Personal Care Products Through Ferrate(VI) Oxidation Treatment. <i>Handbook of Environmental Chemistry</i> , 2014, , 355-373.	0.2	3
3	β -MPS-Modified Silica Conical Microcolumn Separation/Preconcentration of Trace Antipsychotic Drugs in Rat Plasma and Environmental Water Samples Prior to Their Determination by LC. <i>Chromatographia</i> , 2014, 77, 1623-1632.	0.7	6
4	Personal Care Products in the Aquatic Environment in China. <i>Handbook of Environmental Chemistry</i> , 2014, , 73-94.	0.2	7
5	A hierarchical porous carbon Mn^{2+} [FAU] (Mn^{2+} = Ni^{2+} or Cu^{2+}) adsorbent: Synthesis, characterization and adsorption of salicylic acid from water. <i>Microporous and Mesoporous Materials</i> , 2014, 200, 225-234.	2.2	18
6	How UV photolysis accelerates the biodegradation and mineralization of sulfadiazine (SD). <i>Biodegradation</i> , 2014, 25, 911-921.	1.5	19
7	Effects of Solution Chemistry on Adsorption of Selected Pharmaceuticals and Personal Care Products (PPCPs) by Graphenes and Carbon Nanotubes. <i>Environmental Science & Technology</i> , 2014, 48, 13197-13206.	4.6	246
8	Potential ecological footprints of active pharmaceutical ingredients: an examination of risk factors in low-, middle- and high-income countries. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130586.	1.8	123
9	Pharmaceuticals in the environment: scientific evidence of risks and its regulation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130587.	1.8	237
10	Emerging contaminants in surface waters in China—a short review. <i>Environmental Research Letters</i> , 2014, 9, 074018.	2.2	72
11	Occurrence and Treatment of Pharmaceuticals and Personal Care Products in Surface Water around the Global Region. <i>Applied Mechanics and Materials</i> , 0, 507, 720-724.	0.2	1
12	Fast Adsorption of Erythromycin on the Conjugated Microporous Polymers. <i>Advanced Materials Research</i> , 0, 1073-1076, 32-38.	0.3	0
13	Analyses and decreasing patterns of veterinary antianxiety medications in soils. <i>Journal of Hazardous Materials</i> , 2014, 275, 154-165.	6.5	11
14	Seasonal variation in the occurrence and removal of pharmaceuticals and personal care products in a wastewater treatment plant in Xiamen, China. <i>Journal of Hazardous Materials</i> , 2014, 277, 69-75.	6.5	223
15	Bioconcentration, metabolism, and biomarker responses in freshwater fish <i>Carassius auratus</i> exposed to roxithromycin. <i>Chemosphere</i> , 2014, 99, 102-108.	4.2	73
16	Potential environmental implications of emerging organic contaminants in Taihu Lake, China: Comparison of two ecotoxicological assessment approaches. <i>Science of the Total Environment</i> , 2014, 470-471, 171-179.	3.9	60
17	Occurrence of pharmaceuticals and personal care products and associated environmental risks in the central and lower Yangtze river, China. <i>Ecotoxicology and Environmental Safety</i> , 2014, 106, 19-26.	2.9	131
18	Simultaneous determination of pharmaceutical and personal care products in wastewater by capillary electrophoresis with head-column field-amplified sample stacking. <i>Analytical Methods</i> , 2014, 6, 7978-7983.	1.3	17

#	ARTICLE	IF	CITATIONS
19	First assessment of triclosan, triclocarban and paraben mass loads at a very large regional scale: Case of Paris conurbation (France). <i>Science of the Total Environment</i> , 2014, 493, 854-861.	3.9	57
20	Current state of sewage treatment in China. <i>Water Research</i> , 2014, 66, 85-98.	5.3	383
21	Distribution, sources and composition of antibiotics in sediment, overlying water and pore water from Taihu Lake, China. <i>Science of the Total Environment</i> , 2014, 497-498, 267-273.	3.9	234
22	Detecting Kallikrein Proteolytic Activity with Peptide-Quantum Dot Nanosensors. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 11529-11535.	4.0	27
23	Potential toxicity of amphenicol antibiotic: binding of chloramphenicol to human serum albumin. <i>Environmental Science and Pollution Research</i> , 2014, 21, 11340-11348.	2.7	16
24	Ozone Treatment of Antibiotics in Water. , 2014, , 265-316.		8
25	Degradation of sulfamethoxazole by microwave-activated persulfate: Kinetics, mechanism and acute toxicity. <i>Chemical Engineering Journal</i> , 2014, 249, 6-14.	6.6	360
26	Effects of the human antiepileptic drug carbamazepine on the behavior, biomarkers, and heat shock proteins in the Asian clam <i>Corbicula fluminea</i> . <i>Aquatic Toxicology</i> , 2014, 155, 1-8.	1.9	91
27	Occurrence and human health risk of wastewater-derived pharmaceuticals in a drinking water source for Shanghai, East China. <i>Science of the Total Environment</i> , 2014, 490, 987-993.	3.9	60
28	Tissue distribution, bioconcentration, metabolism, and effects of erythromycin in crucian carp (<i>Carassius auratus</i>). <i>Science of the Total Environment</i> , 2014, 490, 914-920.	3.9	96
29	Effect of oxidation on amine-based pharmaceutical degradation and N-Nitrosodimethylamine formation. <i>Water Research</i> , 2015, 87, 403-411.	5.3	44
30	Priority Research Questions on the Environmental Impacts of Pharmaceutical and Personal Care Products in China: Insights from Chinese Scientists. <i>Chinese Journal of Urban and Environmental Studies</i> , 2015, 03, 1550022.	0.5	1
31	Risk of endocrine disruption to fish in the Yellow River catchment in China assessed using a spatially explicit model. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 2870-2877.	2.2	4
32	Identification of Putative Nuclear Receptors and Steroidogenic Enzymes in Murray-Darling Rainbowfish (<i>Melanotaenia fluviatilis</i>) Using RNA-Seq and De Novo Transcriptome Assembly. <i>PLoS ONE</i> , 2015, 10, e0142636.	1.1	2
33	Photocatalytic degradation of carbamazepine using hierarchical BiOCl microspheres: Some key operating parameters, degradation intermediates and reaction pathway. <i>Chemical Engineering Journal</i> , 2015, 273, 156-165.	6.6	84
34	Behavioral and biochemical responses in freshwater fish <i>Carassius auratus</i> exposed to sertraline. <i>Chemosphere</i> , 2015, 135, 146-155.	4.2	73
35	Advances in analytical methods and occurrence of organic UV-filters in the environment – A review. <i>Science of the Total Environment</i> , 2015, 526, 278-311.	3.9	247
36	Removal and reduction of selected organic micro-pollutants in effluent sewage by the ozone-based oxidation processes. <i>Chemical Engineering Journal</i> , 2015, 269, 245-254.	6.6	26

#	ARTICLE	IF	CITATIONS
37	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
38	Cathodic degradation of antibiotics: Characterization and pathway analysis. <i>Water Research</i> , 2015, 72, 281-292.	5.3	166
39	Assessing the combined effects from two kinds of cephalosporins on green alga (<i>Chlorella</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662 Td	1.8	20
40	Biological effects and bioaccumulation of pharmaceutically active compounds in crucian carp caged near the outfall of a sewage treatment plant. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 54-61.	1.7	26
41	Environmental management practices in the Lebanese pharmaceutical industries: implementation strategies and challenges. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 107.	1.3	8
42	Environmental fates of synthetic musks in animal and plant: An in vivo study. <i>Chemosphere</i> , 2015, 138, 584-591.	4.2	36
43	Pharmaceuticals and personal care products alter the holobiome and development of a medically important mosquito. <i>Environmental Pollution</i> , 2015, 203, 199-207.	3.7	15
44	Occurrence, fate and risk assessment of parabens and their chlorinated derivatives in an advanced wastewater treatment plant. <i>Journal of Hazardous Materials</i> , 2015, 300, 29-38.	6.5	131
45	Elucidating the electrostatic interaction of sulfonic acid functionalized SBA-15 for ciprofloxacin adsorption. <i>Applied Surface Science</i> , 2015, 349, 224-229.	3.1	14
46	Human-use antibacterial residues in the natural environment of China: implication for ecopharmacovigilance. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 331.	1.3	23
47	The removal of DON derived from algae cells by Cu-doped TiO ₂ under sunlight irradiation. <i>Chemical Engineering Journal</i> , 2015, 280, 588-596.	6.6	26
48	Efficient adsorption of Norfloxacin by Fe-MCM-41 molecular sieves: Kinetic, isotherm and thermodynamic studies. <i>Chemical Engineering Journal</i> , 2015, 281, 397-403.	6.6	77
49	Occurrence, bioaccumulation, and trophic magnification of pharmaceutically active compounds in Taihu Lake, China. <i>Chemosphere</i> , 2015, 138, 140-147.	4.2	148
50	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
51	Antibiotic Body Burden of Chinese School Children: A Multisite Biomonitoring-based Study. <i>Environmental Science & Technology</i> , 2015, 49, 5070-5079.	4.6	111
52	Dispersive liquid-liquid microextraction with solidification of floating organic droplets for simultaneous extraction of pesticides, pharmaceuticals and personal care products. <i>Mikrochimica Acta</i> , 2015, 182, 1765-1774.	2.5	35
53	The Fate and Impact of Pharmaceuticals and Personal Care Products in Agricultural Soils Irrigated With Reclaimed Water. <i>Critical Reviews in Environmental Science and Technology</i> , 2015, 45, 1379-1408.	6.6	85
54	Determination of steroid hormones in sediments based on quick, easy, cheap, effective, rugged, and safe (modified-QuEChERS) extraction followed by liquid chromatography-tandem mass spectrometry (LC-MS/MS). <i>Analytical Methods</i> , 2015, 7, 9577-9586.	1.3	7

#	ARTICLE	IF	CITATIONS
55	Transport of sewage molecular markers through saturated soil column and effect of easily biodegradable primary substrate on their removal. <i>Chemosphere</i> , 2015, 138, 553-559.	4.2	19
56	Ecological risks of home and personal care products in the riverine environment of a rural region in South China without domestic wastewater treatment facilities. <i>Ecotoxicology and Environmental Safety</i> , 2015, 122, 417-425.	2.9	61
57	Housefly Larva Vermicomposting Efficiently Attenuates Antibiotic Resistance Genes in Swine Manure, with Concomitant Bacterial Population Changes. <i>Applied and Environmental Microbiology</i> , 2015, 81, 7668-7679.	1.4	36
58	Personal Care Products in the Aquatic Environment. <i>Handbook of Environmental Chemistry</i> , 2015, , .	0.2	20
59	Effect of colloids on the occurrence, distribution and photolysis of emerging organic contaminants in wastewaters. <i>Journal of Hazardous Materials</i> , 2015, 299, 241-248.	6.5	52
60	Occurrence, bioaccumulation and risk assessment of lipophilic pharmaceutically active compounds in the downstream rivers of sewage treatment plants. <i>Science of the Total Environment</i> , 2015, 511, 54-62.	3.9	209
61	Rapid synthesis of hierarchical BiOCl microspheres for efficient photocatalytic degradation of carbamazepine under simulated solar irradiation. <i>Chemical Engineering Journal</i> , 2015, 263, 419-426.	6.6	123
62	Occurrence and transport of synthetic musks in paired maternal blood, umbilical cord blood, and breast milk. <i>International Journal of Hygiene and Environmental Health</i> , 2015, 218, 99-106.	2.1	17
63	Effects of fluoxetine on behavior, antioxidant enzyme systems, and multixenobiotic resistance in the Asian clam <i>Corbicula fluminea</i> . <i>Chemosphere</i> , 2015, 119, 856-862.	4.2	66
64	Long lasting perfume "A review of synthetic musks in WWTPs. <i>Journal of Environmental Management</i> , 2015, 149, 168-192.	3.8	92
65	Electrochemical degradation of nitrofurans furazolidone by cathode: Characterization, pathway and antibacterial activity analysis. <i>Chemical Engineering Journal</i> , 2015, 262, 1244-1251.	6.6	27
66	Regulatory practices to control the discharge of pharmaceuticals into the environment. , 2016, , 203-228.		0
67	Landfill leachate as a mirror of today's disposable society: Pharmaceuticals and other contaminants of emerging concern in final leachate from landfills in the conterminous United States. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 906-918.	2.2	88
68	Behavior, preferences, and willingness to pay for measures aimed at preventing pollution by pharmaceuticals and personal care products in China. <i>Integrated Environmental Assessment and Management</i> , 2016, 12, 793-800.	1.6	14
69	Effect of UV-LED wavelengths on direct photolytic and TiO ₂ photocatalytic degradation of emerging contaminants in water. <i>Chemical Engineering Journal</i> , 2016, 300, 414-422.	6.6	154
70	Laccase-catalyzed removal of the antimicrobials chlorophene and dichlorophen from water: Reaction kinetics, pathway and toxicity evaluation. <i>Journal of Hazardous Materials</i> , 2016, 317, 81-89.	6.5	46
71	PPCPs in Jiulong River estuary (China): Spatiotemporal distributions, fate, and their use as chemical markers of wastewater. <i>Chemosphere</i> , 2016, 150, 596-604.	4.2	127
72	Occurrence, removal and risk assessment of pharmaceutical and personal care products (PPCPs) in an advanced drinking water treatment plant (ADWTP) around Taihu Lake in China. <i>Chemosphere</i> , 2016, 152, 1-9.	4.2	175

#	ARTICLE	IF	CITATIONS
73	Occurrence and risk assessment of tetracycline antibiotics in soil from organic vegetable farms in a subtropical city, south China. <i>Environmental Science and Pollution Research</i> , 2016, 23, 13984-13995.	2.7	49
74	Application of graphene based materials for adsorption of pharmaceutical traces from water and wastewater- a review. <i>Desalination and Water Treatment</i> , 0, , 1-14.	1.0	50
75	Characterization of pharmaceutically active compounds in Dongting Lake, China: Occurrence, chiral profiling and environmental risk. <i>Science of the Total Environment</i> , 2016, 557-558, 268-275.	3.9	139
76	Degradation of triclocarban in water by dielectric barrier discharge plasma combined with TiO ₂ /activated carbon fibers: Effect of operating parameters and byproducts identification. <i>Chemical Engineering Journal</i> , 2016, 300, 36-46.	6.6	79
77	A versatile fluorescent biosensor based on target-responsive graphene oxide hydrogel for antibiotic detection. <i>Biosensors and Bioelectronics</i> , 2016, 83, 267-273.	5.3	123
78	Occurrence and discharge of pharmaceuticals and personal care products in dewatered sludge from WWTPs in Beijing and Shenzhen. <i>Emerging Contaminants</i> , 2016, 2, 1-6.	2.2	22
79	Effects of pharmaceuticals and personal care products on marine organisms: from single-species studies to an ecosystem-based approach. <i>Environmental Science and Pollution Research</i> , 2016, 23, 22365-22384.	2.7	66
80	Discharge inventory of pharmaceuticals and personal care products in Beijing, China. <i>Emerging Contaminants</i> , 2016, 2, 148-156.	2.2	20
81	Insights into the molecular mechanism of the responses for <i>Cyperus alternifolius</i> to PhACs stress in constructed wetlands. <i>Chemosphere</i> , 2016, 164, 278-289.	4.2	19
82	Removal of triazine-based pollutants from water by carbon nanotubes: Impact of dissolved organic matter (DOM) and solution chemistry. <i>Water Research</i> , 2016, 106, 146-154.	5.3	43
83	Pay attention to non-wastewater emission pathways of pharmaceuticals into environments. <i>Chemosphere</i> , 2016, 165, 515-518.	4.2	22
84	Recent advances in pharmaceuticals and personal care products in the surface water and sediments in China. <i>Frontiers of Environmental Science and Engineering</i> , 2016, 10, 1.	3.3	61
85	From the Cover: Exposure to Oral Antibiotics Induces Gut Microbiota Dysbiosis Associated with Lipid Metabolism Dysfunction and Low-Grade Inflammation in Mice. <i>Toxicological Sciences</i> , 2016, 154, 140-152.	1.4	70
86	Kinetics and modeling of sulfonamide antibiotic degradation in wastewater and human urine by UV/H ₂ O ₂ and UV/PDS. <i>Water Research</i> , 2016, 103, 283-292.	5.3	164
87	Emission of poly and perfluoroalkyl substances, UV-filters and siloxanes to air from wastewater treatment plants. <i>Environmental Pollution</i> , 2016, 218, 595-604.	3.7	53
88	Preparation of magnetic nanographene sorbent for extraction and quantification of targeted PPCPs in environmental water samples. <i>RSC Advances</i> , 2016, 6, 75609-75617.	1.7	6
89	Investigating dynamic sources of pharmaceuticals: Demographic and seasonal use are more important than down-the-drain disposal in wastewater effluent in a University City setting. <i>Science of the Total Environment</i> , 2016, 572, 906-914.	3.9	35
90	Urinary Concentrations of the Antibacterial Agent Triclocarban in United States Residents: 2013-2014 National Health and Nutrition Examination Survey. <i>Environmental Science & Technology</i> , 2016, 50, 13548-13554.	4.6	38

#	ARTICLE	IF	CITATIONS
91	Removal of pharmaceuticals from synthetic wastewater in an aerobic granular sludge membrane bioreactor and determination of the bioreactor microbial diversity. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8213-8223.	1.7	36
92	Adsorptive removal of PPCPs by biomorphic HAP templated from cotton. <i>Water Science and Technology</i> , 2016, 74, 276-286.	1.2	12
93	Co-occurrence of mobile genetic elements and antibiotic resistance genes in municipal solid waste landfill leachates: A preliminary insight into the role of landfill age. <i>Water Research</i> , 2016, 106, 583-592.	5.3	113
95	Cosmetâ€™eauâ€™ Changes in the personal care product consumption practices: from whistle-blowers to impacts on aquatic environments. <i>Environmental Science and Pollution Research</i> , 2016, 23, 13581-13584.	2.7	4
96	Feasibility of an enhanced washing process to extract PBDEs/heavy metals/antibiotics from antibiotic resistance gene-affected soil with aqueous DNA followed by microbial augmentation. <i>Journal of Soils and Sediments</i> , 2016, 16, 954-965.	1.5	7
97	Preparation and characterization of nitrogen-doped TiO ₂ /diatomite integrated photocatalytic pellet for the adsorption-degradation of tetracycline hydrochloride using visible light. <i>Chemical Engineering Journal</i> , 2016, 302, 682-696.	6.6	158
98	Pharmaceuticals in soils of lower income countries: Physico-chemical fate and risks from wastewater irrigation. <i>Environment International</i> , 2016, 94, 712-723.	4.8	45
99	Accessible fabrication of Bi ₂ MoO ₆ /BiOCl for effectively conducting thermally-responsive catalytic decontamination of model pollutants. <i>RSC Advances</i> , 2016, 6, 58371-58379.	1.7	10
100	Potential Upstream Strategies for the Mitigation of Pharmaceuticals in the Aquatic Environment: a Brief Review. <i>Current Environmental Health Reports</i> , 2016, 3, 153-160.	3.2	18
101	The impact of natural and anthropogenic Dissolved Organic Carbon (DOC), and pH on the toxicity of triclosan to the crustacean <i>Gammarus pulex</i> (L.). <i>Science of the Total Environment</i> , 2016, 565, 222-231.	3.9	51
102	Reaction kinetics and oxidation product formation in the degradation of acetaminophen by ferrate (VI). <i>Chemosphere</i> , 2016, 155, 583-590.	4.2	47
103	Measuring selected PPCPs in wastewater to estimate the population PPCP in different cities in China. <i>Science of the Total Environment</i> , 2016, 568, 164-170.	3.9	75
104	Uptake, depuration, and bioconcentration of two pharmaceuticals, roxithromycin and propranolol, in <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , 2016, 126, 85-93.	2.9	27
105	Theoretical investigation on the kinetics and mechanisms of hydroxyl radical-induced transformation of parabens and its consequences for toxicity: Influence of alkyl-chain length. <i>Water Research</i> , 2016, 91, 77-85.	5.3	117
106	¹ H NMR-based metabolomics of <i>Daphnia magna</i> responses after sub-lethal exposure to triclosan, carbamazepine and ibuprofen. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2016, 19, 199-210.	0.4	46
107	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
108	Seasonal and spatial variations of PPCP occurrence, removal and mass loading in three wastewater treatment plants located in different urbanization areas in Xiamen, China. <i>Environmental Pollution</i> , 2016, 208, 371-381.	3.7	182
109	Depth profile of persistent and emerging organic pollutants upstream of the Three Gorges Dam gathered in 2012/2013. <i>Environmental Science and Pollution Research</i> , 2016, 23, 5782-5794.	2.7	9

#	ARTICLE	IF	CITATIONS
110	Occurrence, impacts and removal of emerging substances of concern from wastewater. <i>Environmental Technology and Innovation</i> , 2016, 5, 161-175.	3.0	75
111	Changes of the toxic potential of drinking water containing aminopyrine before and after chlorine disinfection as determined by the algal toxicity assay and the SOS/umu assay. <i>International Biodeterioration and Biodegradation</i> , 2016, 113, 269-275.	1.9	7
112	Irradiation treatment of pharmaceutical and personal care products (PPCPs) in water and wastewater: An overview. <i>Radiation Physics and Chemistry</i> , 2016, 125, 56-64.	1.4	298
113	Bioconcentration, metabolism and effects of diphenhydramine on behavioral and biochemical markers in crucian carp (<i>Carassius auratus</i>). <i>Science of the Total Environment</i> , 2016, 544, 400-409.	3.9	48
114	Antibiotics detected in urines and adipogenesis in school children. <i>Environment International</i> , 2016, 89-90, 204-211.	4.8	132
115	Antibiotics in Drinking Water in Shanghai and Their Contribution to Antibiotic Exposure of School Children. <i>Environmental Science & Technology</i> , 2016, 50, 2692-2699.	4.6	203
116	Sorption of diclofenac and naproxen onto MWCNT in model wastewater treated by H ₂ O ₂ and/or UV. <i>Chemosphere</i> , 2016, 149, 272-278.	4.2	41
117	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
118	Occurrence and removal of organic micropollutants: An overview of the watch list of EU Decision 2015/495. <i>Water Research</i> , 2016, 94, 257-279.	5.3	698
119	Pharmaceuticals and personal care products (PPCPs) in urban and suburban rivers of Beijing, China: occurrence, source apportionment and potential ecological risk. <i>Environmental Sciences: Processes and Impacts</i> , 2016, 18, 445-455.	1.7	46
120	Occurrence of persistent organic pollutants in sediments and biota from Portugal versus European incidence: A critical overview. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2016, 51, 143-153.	0.7	35
121	Adsorption and co-adsorption of diclofenac and Cu(II) on calcareous soils. <i>Ecotoxicology and Environmental Safety</i> , 2016, 124, 386-392.	2.9	20
122	A review on removal of pharmaceuticals from water by adsorption. <i>Desalination and Water Treatment</i> , 2016, 57, 12842-12860.	1.0	220
123	Oxidation of amitriptyline and nortriptyline by ferrate(VI): efficiency and reaction pathways. <i>Desalination and Water Treatment</i> , 2016, 57, 12882-12890.	1.0	8
124	Ultrasound-assisted heterogeneous Fenton-like degradation of tetracycline over a magnetite catalyst. <i>Journal of Hazardous Materials</i> , 2016, 302, 458-467.	6.5	225
125	Distribution and seasonal occurrence of UV filters in rivers and wastewater treatment plants in Korea. <i>Science of the Total Environment</i> , 2016, 542, 121-128.	3.9	100
126	A review of organic UV-filters in wastewater treatment plants. <i>Environment International</i> , 2016, 86, 24-44.	4.8	219
127	Pharmaceuticals and personal care products (PPCPs) in Australia's largest inland sewage treatment plant, and its contribution to a major Australian river during high and low flow. <i>Science of the Total Environment</i> , 2016, 541, 1625-1637.	3.9	206

#	ARTICLE	IF	CITATIONS
128	Application of veterinary antibiotics in China's aquaculture industry and their potential human health risks. <i>Environmental Science and Pollution Research</i> , 2017, 24, 8978-8989.	2.7	186
129	Characterization of pharmaceutically active compounds in Beijing, China: Occurrence pattern, spatiotemporal distribution and its environmental implication. <i>Journal of Hazardous Materials</i> , 2017, 323, 147-155.	6.5	135
130	Bioaccumulation and trophic transfer of pharmaceuticals in food webs from a large freshwater lake. <i>Environmental Pollution</i> , 2017, 222, 356-366.	3.7	143
131	Spatial distribution and removal performance of pharmaceuticals in municipal wastewater treatment plants in China. <i>Science of the Total Environment</i> , 2017, 586, 1162-1169.	3.9	93
132	Urinary Antibiotics of Pregnant Women in Eastern China and Cumulative Health Risk Assessment. <i>Environmental Science & Technology</i> , 2017, 51, 3518-3525.	4.6	86
133	Degradation of DEET in aqueous solution by water falling film dielectric barrier discharge: Effect of three operating modes and analysis of the mechanism and degradation pathway. <i>Chemical Engineering Journal</i> , 2017, 317, 90-102.	6.6	54
134	The relative risk and its distribution of endocrine disrupting chemicals, pharmaceuticals and personal care products to freshwater organisms in the Bohai Rim, China. <i>Science of the Total Environment</i> , 2017, 590-591, 633-642.	3.9	62
135	Monitoring pharmaceuticals and personal care products in reservoir water used for drinking water supply. <i>Environmental Science and Pollution Research</i> , 2017, 24, 7335-7347.	2.7	53
136	Impact of in-Sewer Degradation of Pharmaceutical and Personal Care Products (PPCPs) Population Markers on a Population Model. <i>Environmental Science & Technology</i> , 2017, 51, 3816-3823.	4.6	96
137	Estimation of amount of selected pharmaceuticals sorbed onto digested sludge from wastewater treatment plant Bratislava-Petralka. <i>Environmental Research</i> , 2017, 155, 31-35.	3.7	25
138	Occurrence and ecological risk assessment of emerging organic chemicals in urban rivers: Guangzhou as a case study in China. <i>Science of the Total Environment</i> , 2017, 589, 46-55.	3.9	131
139	Toxicity, degradation and metabolic fate of ibuprofen on freshwater diatom <i>Navicula</i> sp.. <i>Journal of Hazardous Materials</i> , 2017, 330, 127-134.	6.5	163
140	Removal of acetaminophen and carbamazepine in single and binary systems with immobilized laccase from <i>Trametes hirsuta</i> . <i>Biocatalysis and Biotransformation</i> , 2017, 35, 51-62.	1.1	34
141	Effects of 18 pharmaceuticals on the physiological diversity of edaphic microorganisms. <i>Science of the Total Environment</i> , 2017, 595, 441-450.	3.9	56
142	Photo-degradation ibuprofen by UV/H ₂ O ₂ process: response surface analysis and degradation mechanism. <i>Water Science and Technology</i> , 2017, 75, 2935-2951.	1.2	20
143	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
144	Effects of diclofenac on the expression of Nrf2 and its downstream target genes in mosquito fish (<i>Gambusia affinis</i>). <i>Aquatic Toxicology</i> , 2017, 188, 43-53.	1.9	40
145	One step hydrothermal synthesis of nitrogen-doped graphitic quantum dots as a fluorescent sensing strategy for highly sensitive detection of metacycline in mice plasma. <i>Sensors and Actuators B: Chemical</i> , 2017, 249, 256-264.	4.0	41

#	ARTICLE	IF	CITATIONS
146	Toxicological interactions of ibuprofen and triclosan on biological activity of activated sludge. <i>Journal of Hazardous Materials</i> , 2017, 334, 193-200.	6.5	36
147	Antibiotics in a general population: Relations with gender, body mass index (BMI) and age and their human health risks. <i>Science of the Total Environment</i> , 2017, 599-600, 298-304.	3.9	40
148	Detection, occurrence, and removal of selected pharmaceuticals in Missouri source and finished drinking waters. <i>Urban Water Journal</i> , 2017, 14, 704-712.	1.0	7
149	Guidelines for rational design of high-performance absorbents: A case study of zeolite adsorbents for emerging pollutants in water. <i>Green Energy and Environment</i> , 2017, 2, 363-369.	4.7	13
150	Quantification of residual antibiotics in cow manure being spread over agricultural land and assessment of their behavioral effects on antibiotic resistant bacteria. <i>Chemosphere</i> , 2017, 182, 771-780.	4.2	35
151	Effects of the summer holiday season on UV filter and illicit drug concentrations in the Korean wastewater system and aquatic environment. <i>Environmental Pollution</i> , 2017, 227, 587-595.	3.7	50
152	U.S. News Media Coverage of Pharmaceutical Pollution in the Aquatic Environment: A Content Analysis of the Problems and Solutions Presented by Actors. <i>Environmental Management</i> , 2017, 60, 314-322.	1.2	24
153	Simultaneous removal of several pharmaceuticals and arsenic on Zn-Fe mixed metal oxides: Combination of photocatalysis and adsorption. <i>Chemical Engineering Journal</i> , 2017, 328, 141-151.	6.6	104
154	Advances in technologies for pharmaceuticals and personal care products removal. <i>Journal of Materials Chemistry A</i> , 2017, 5, 12001-12014.	5.2	142
155	Sorption of naphthalene and its hydroxyl substitutes onto biochars in single-solute and bi-solute systems with propranolol as the co-solute. <i>Chemical Engineering Journal</i> , 2017, 326, 281-291.	6.6	22
156	Remediation of Pharmaceutical and Personal Care Products (PPCPs) in Constructed Wetlands: Applicability and New Perspectives. , 2017, , 277-292.		5
157	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
158	Phytoremediation. , 2017, , .		17
159	Oxidation of indometacin by ferrate (VI): kinetics, degradation pathways, and toxicity assessment. <i>Environmental Science and Pollution Research</i> , 2017, 24, 10786-10795.	2.7	8
160	Halogen-free organophosphorus flame retardants caused oxidative stress and multixenobiotic resistance in Asian freshwater clams (<i>Corbicula fluminea</i>). <i>Environmental Pollution</i> , 2017, 225, 559-568.	3.7	47
161	Modulation of erythromycin-induced biochemical responses in crucian carp by ketoconazole. <i>Environmental Science and Pollution Research</i> , 2017, 24, 5285-5292.	2.7	17
162	Sorption of triclosan to carbon nanotubes: The combined effects of sonication, functionalization and solution chemistry. <i>Science of the Total Environment</i> , 2017, 580, 1318-1326.	3.9	24
163	Occurrence and toxicity of musks and UV filters in the marine environment. <i>Food and Chemical Toxicology</i> , 2017, 104, 57-68.	1.8	51

#	ARTICLE	IF	CITATIONS
164	Degradation of sulfamethoxazole by medium pressure UV and oxidants: Peroxymonosulfate, persulfate, and hydrogen peroxide. <i>Chemical Engineering Journal</i> , 2017, 313, 629-637.	6.6	308
165	Chemical pollution and seafood safety, with a focus on mercury: The case of Pearl River Delta, South China. <i>Environmental Technology and Innovation</i> , 2017, 7, 63-76.	3.0	16
166	Self-sensitization of tetracycline degradation with simulated solar light catalyzed by ZnO@montmorillonite. <i>Solid State Sciences</i> , 2017, 74, 131-143.	1.5	39
167	Strong impact of anthropogenic contamination on the occurrence patterns of a riverine microbial community. <i>Environmental Microbiology</i> , 2017, 19, 4993-5009.	1.8	213
168	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
169	Shadow prices of emerging pollutants in wastewater treatment plants: Quantification of environmental externalities. <i>Journal of Environmental Management</i> , 2017, 203, 439-447.	3.8	32
170	Bioaccumulation Behavior of Pharmaceuticals and Personal Care Products in Adult Zebrafish (<i>Danio rerio</i>): Influence of Physical-Chemical Properties and Biotransformation. <i>Environmental Science & Technology</i> , 2017, 51, 11085-11095.	4.6	79
171	Metronidazole removal in powder-activated carbon and concrete-containing graphene adsorption systems: Estimation of kinetic, equilibrium and thermodynamic parameters and optimization of adsorption by a central composite design. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2017, 52, 1269-1283.	0.9	29
172	Veterinary antibiotics in food, drinking water, and the urine of preschool children in Hong Kong. <i>Environment International</i> , 2017, 108, 246-252.	4.8	155
173	Adsorptive removal of aqueous bezafibrate by magnetic ferrite modified carbon nanotubes. <i>RSC Advances</i> , 2017, 7, 39594-39603.	1.7	12
174	Occurrence and attenuation of pharmaceuticals and their transformation products in rivers impacted by sewage treatment plants. <i>RSC Advances</i> , 2017, 7, 40905-40913.	1.7	11
175	Abundant Size-Controlled Cu-Ni(Fe) Alloy Nanoparticles Decorated Reduced Graphene with Enhanced Electrocatalytic Activities for Chloramphenicol. <i>Journal of the Electrochemical Society</i> , 2017, 164, H779-H787.	1.3	10
176	Deep eutectic solvent-based ultrasound-assisted dispersive liquid-liquid microextraction coupled with high-performance liquid chromatography for the determination of ultraviolet filters in water samples. <i>Journal of Chromatography A</i> , 2017, 1516, 1-8.	1.8	93
177	Decoration of TiO ₂ /g-C ₃ N ₄ Z-scheme by carbon dots as a novel photocatalyst with improved visible-light photocatalytic performance for the degradation of enrofloxacin. <i>RSC Advances</i> , 2017, 7, 34096-34103.	1.7	104
178	Activation of peroxymonosulfate by Al ₂ O ₃ -based CoFe ₂ O ₄ for the degradation of sulfachloropyridazine sodium: Kinetics and mechanism. <i>Separation and Purification Technology</i> , 2017, 189, 176-185.	3.9	199
179	Occurrence of and human exposure to parabens, benzophenones, benzotriazoles, triclosan and triclocarban in outdoor swimming pool water in Changsha, China. <i>Science of the Total Environment</i> , 2017, 605-606, 1064-1069.	3.9	52
180	Sediments inhibit adsorption of 17 β -estradiol and 17 α -ethinylestradiol to carbon nanotubes and graphene oxide. <i>Environmental Science: Nano</i> , 2017, 4, 1900-1910.	2.2	28
181	Degradation of ibuprofen using ozone combined with peroxymonosulfate. <i>Environmental Science: Water Research and Technology</i> , 2017, 3, 960-969.	1.2	33

#	ARTICLE	IF	CITATIONS
182	Human pharmaceuticals in Portuguese rivers: The impact of water scarcity in the environmental risk. <i>Science of the Total Environment</i> , 2017, 609, 1182-1191.	3.9	91
183	Occurrence of pharmaceuticals and UV-filters in riverine run-offs and waters of the German Baltic Sea. <i>Marine Pollution Bulletin</i> , 2017, 124, 388-399.	2.3	47
184	Activated biochar derived from pomelo peel as a high-capacity sorbent for removal of carbamazepine from aqueous solution. <i>RSC Advances</i> , 2017, 7, 54969-54979.	1.7	58
185	Photolytic and photocatalytic degradation of organic UV filters in contaminated water. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2017, 6, 85-92.	3.2	20
186	Deriving acute and chronic predicted no effect concentrations of pharmaceuticals and personal care products based on species sensitivity distributions. <i>Ecotoxicology and Environmental Safety</i> , 2017, 144, 537-542.	2.9	19
187	A Simple Method for the Simultaneous Determination of Pharmaceuticals and Personal Care Products in River Sediment by Ultrasound-Assisted Extraction Followed by Solid-Phase Microextraction Coupled with Gas Chromatography-Mass Spectrometry. <i>Journal of Chromatographic Science</i> , 2017, 55, 946-953.	0.7	24
188	Aquatic photolysis of β_2 -agonist salbutamol: kinetics and mechanism studies. <i>Environmental Science and Pollution Research</i> , 2017, 24, 5544-5553.	2.7	11
189	Integrated adsorption and visible-light photodegradation of aqueous clofibrac acid and carbamazepine by a Fe-based metal-organic framework. <i>Chemical Engineering Journal</i> , 2017, 330, 157-165.	6.6	123
190	Occurrence, removal, and risk assessment of antibiotics in 12 wastewater treatment plants from Dalian, China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 16478-16487.	2.7	96
191	Ferrates for water remediation. <i>Reviews in Environmental Science and Biotechnology</i> , 2017, 16, 15-35.	3.9	14
192	Fabrication of Ce/N co-doped TiO ₂ /diatomite granule catalyst and its improved visible-light-driven photoactivity. <i>Journal of Hazardous Materials</i> , 2017, 324, 139-150.	6.5	58
193	Enhanced adsorption of diclofenac sodium on the carbon nanotubes-polytetrafluorethylene electrode and subsequent degradation by electro-peroxone treatment. <i>Journal of Colloid and Interface Science</i> , 2017, 488, 142-148.	5.0	29
194	Synthesis of MnOx/SBA-15 for Norfloxacin degradation by catalytic ozonation. <i>Separation and Purification Technology</i> , 2017, 173, 99-104.	3.9	74
195	Zeolitic imidazolate framework-8 derived nanoporous carbon as an effective and recyclable adsorbent for removal of ciprofloxacin antibiotics from water. <i>Journal of Hazardous Materials</i> , 2017, 321, 711-719.	6.5	343
196	Green microalgae in removal and biotransformation of estradiol and ethinylestradiol. <i>Journal of Applied Phycology</i> , 2017, 29, 263-273.	1.5	30
197	Application of nanoscale zero valent iron and iron powder during sludge anaerobic digestion: Impact on methane yield and pharmaceutical and personal care products degradation. <i>Journal of Hazardous Materials</i> , 2017, 321, 47-53.	6.5	141
198	Photocatalytic degradation of ibuprofen using TiO ₂ sensitized by Ru(II) polypyridyl complexes. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 31-37.	1.6	24
199	Degradation of tetracycline antibiotics by advanced oxidation processes: application of MnO ₂ nanomaterials. <i>Natural Resources & Engineering</i> , 2017, 2, 32-42.	0.3	6

#	ARTICLE	IF	CITATIONS
200	Hazardous Pollutants in Biological Treatment Systems: Fundamentals and a Guide to Experimental Research. <i>Water Intelligence Online</i> , 2017, 16, 9781780407715.	0.3	1
201	<i>Water Pollution Control Technologies.</i> , 2017, , 3-22.		9
202	Cosmetic Ingredients as Emerging Pollutants of Environmental and Health Concern. A Mini-Review. <i>Cosmetics</i> , 2017, 4, 11.	1.5	144
203	Why regulatory indifference towards pharmaceutical pollution of the environment could be a missed opportunity in public health protection. a holistic view. <i>Pan African Medical Journal</i> , 2017, 27, 77.	0.3	11
204	Insights of the Removal Mechanisms of Pharmaceutical and Personal Care Products in Constructed Wetlands. <i>Current Pollution Reports</i> , 2018, 4, 93-103.	3.1	38
205	Investigation of pharmaceutically active compounds in an urban receiving water: Occurrence, fate and environmental risk assessment. <i>Ecotoxicology and Environmental Safety</i> , 2018, 154, 214-220.	2.9	55
206	Impacts of irrigation water sources and geochemical conditions on vertical distribution of pharmaceutical and personal care products (PPCPs) in the vadose zone soils. <i>Science of the Total Environment</i> , 2018, 626, 1148-1156.	3.9	67
207	At the Intersection of Urbanization, Water, and Food Security: Determination of Select Contaminants of Emerging Concern in Mussels and Oysters from Hong Kong. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 5009-5017.	2.4	32
208	Response of PXR signaling pathway to simvastatin exposure in mosquitofish (<i>Gambusia affinis</i>) and its histological changes. <i>Ecotoxicology and Environmental Safety</i> , 2018, 154, 228-236.	2.9	14
209	Occurrence, elimination, enantiomeric distribution and intra-day variations of chiral pharmaceuticals in major wastewater treatment plants in Beijing, China. <i>Environmental Pollution</i> , 2018, 239, 473-482.	3.7	32
210	Enhancement of UV-assisted TiO ₂ degradation of ibuprofen using Fenton hybrid process at circumneutral pH. <i>Chinese Journal of Catalysis</i> , 2018, 39, 701-709.	6.9	14
211	Evaluation of attenuation of pharmaceuticals, toxic potency, and antibiotic resistance genes in constructed wetlands treating wastewater effluents. <i>Science of the Total Environment</i> , 2018, 631-632, 1572-1581.	3.9	101
212	Antibiotics and antibiotic resistance genes in global lakes: A review and meta-analysis. <i>Environment International</i> , 2018, 116, 60-73.	4.8	474
213	A review of analytical procedures for the simultaneous determination of medically important veterinary antibiotics in environmental water: Sample preparation, liquid chromatography, and mass spectrometry. <i>Journal of Environmental Management</i> , 2018, 217, 629-645.	3.8	82
214	Urbanization gradient of selected pharmaceuticals in surface water at a watershed scale. <i>Science of the Total Environment</i> , 2018, 634, 448-458.	3.9	68
216	Insights into influencing factor, degradation mechanism and potential toxicity involved in aqueous ozonation of oxcarbazepine (CHEM46939R1). <i>Chemosphere</i> , 2018, 201, 189-196.	4.2	18
217	Adsorption and catalytic oxidation of pharmaceuticals by nitrogen-doped reduced graphene oxide/Fe ₃ O ₄ nanocomposite. <i>Chemical Engineering Journal</i> , 2018, 341, 361-370.	6.6	111
218	Sorption and bioaccumulation behavior of multi-class hydrophobic organic contaminants in a tropical marine food web. <i>Chemosphere</i> , 2018, 199, 44-53.	4.2	43

#	ARTICLE	IF	CITATIONS
219	Parameters for assessing the aquatic environmental impact of cosmetic products. <i>Toxicology Letters</i> , 2018, 287, 70-82.	0.4	16
220	Migration of two antibiotics during resuspension under simulated wind-wave disturbances in a water-sediment system. <i>Chemosphere</i> , 2018, 192, 234-243.	4.2	24
221	Contamination and risk implications of endocrine disrupting chemicals along the coastline of China: A systematic study using mussels and semipermeable membrane devices. <i>Science of the Total Environment</i> , 2018, 624, 1298-1307.	3.9	25
222	A methodology for estimating concentrations of pharmaceuticals and personal care products (PPCPs) in wastewater treatment plants and in freshwaters. <i>Science of the Total Environment</i> , 2018, 622-623, 1417-1430.	3.9	50
223	Occurrence of pharmaceuticals and personal care products, and their associated environmental risks in a large shallow lake in north China. <i>Environmental Geochemistry and Health</i> , 2018, 40, 1525-1539.	1.8	54
224	Responses of flocculent and granular sludge in anaerobic sequencing batch reactors (ASBRs) to azithromycin wastewater and its impact on microbial communities. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 2341-2350.	1.6	17
225	Magnetic mesoporous molecularly imprinted polymers based on surface precipitation polymerization for selective enrichment of triclosan and triclocarban. <i>Journal of Chromatography A</i> , 2018, 1537, 35-42.	1.8	39
226	Promoting visible-light-induced photocatalytic degradation of tetracycline by an efficient and stable beta-Bi ₂ O ₃ @g-C ₃ N ₄ core/shell nanocomposite. <i>Chemical Engineering Journal</i> , 2018, 338, 137-146.	6.6	272
227	Monitoring, mass balance and fate of pharmaceuticals and personal care products in seven wastewater treatment plants in Xiamen City, China. <i>Journal of Hazardous Materials</i> , 2018, 354, 81-90.	6.5	98
228	Nano-MnO ₂ -mediated transformation of triclosan with humic molecules present: kinetics, products, and pathways. <i>Environmental Science and Pollution Research</i> , 2018, 25, 14416-14425.	2.7	6
229	Personal care products in surface, ground and wastewater of a complex aquifer system, a potential planning tool for contemporary urban settings. <i>Journal of Environmental Management</i> , 2018, 214, 76-85.	3.8	21
230	Multimedia fate modeling and risk assessment of antibiotics in a water-scarce megacity. <i>Journal of Hazardous Materials</i> , 2018, 348, 75-83.	6.5	90
231	Global review and analysis of erythromycin in the environment: Occurrence, bioaccumulation and antibiotic resistance hazards. <i>Environmental Pollution</i> , 2018, 238, 440-451.	3.7	121
232	Occurrence of pharmaceuticals and personal care products, and their associated environmental risks in Guanting Reservoir and its upstream rivers in north China. <i>RSC Advances</i> , 2018, 8, 4703-4712.	1.7	43
233	Select antibiotics in leachate from closed and active landfills exceed thresholds for antibiotic resistance development. <i>Environment International</i> , 2018, 115, 89-96.	4.8	49
234	Adsorption and Thermodynamics of Pharmaceuticals, Acyclovir and Fluconazole, onto Quartz Sand Under Static and Dynamic Conditions. <i>Environmental Engineering Science</i> , 2018, 35, 909-917.	0.8	12
235	Biodegradation of four selected parabens with aerobic activated sludge and their transesterification product. <i>Ecotoxicology and Environmental Safety</i> , 2018, 156, 48-55.	2.9	31
236	Assessment of <i>Lemna minor</i> (duckweed) and <i>Corbicula fluminea</i> (freshwater clam) as potential indicators of contaminated aquatic ecosystems: responses to presence of psychoactive drug mixtures. <i>Environmental Science and Pollution Research</i> , 2018, 25, 11192-11204.	2.7	15

#	ARTICLE	IF	CITATIONS
237	The study on interactions between levofloxacin and model proteins by using multi-spectroscopic and molecular docking methods. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 2032-2044.	2.0	10
238	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
239	A duodecennial national synthesis of antibiotics in China's major rivers and seas (2005–2016). <i>Science of the Total Environment</i> , 2018, 615, 906-917.	3.9	341
240	Mass loading and emission of thirty-seven pharmaceuticals in a typical municipal wastewater treatment plant in Hunan Province, Southern China. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 530-536.	2.9	56
241	Influence of wastewater pre-coagulation on adsorptive filtration of pharmaceutical and personal care products by carbon nanotube membranes. <i>Chemical Engineering Journal</i> , 2018, 333, 66-75.	6.6	52
242	Intercalation of rigid molecules between carbon nanotubes for adsorption enhancement of typical pharmaceuticals. <i>Chemical Engineering Journal</i> , 2018, 332, 102-108.	6.6	34
243	Diclofenac exposure alter the expression of PXR and its downstream target genes in mosquito fish (<i>Gambusia affinis</i>). <i>Science of the Total Environment</i> , 2018, 616-617, 583-593.	3.9	14
244	Luminescent mixed-crystal Ln-MOF thin film for the recognition and detection of pharmaceuticals. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 931-935.	4.0	76
245	Occurrence, spatial distribution and risk and hazard assessments of antibiotics in drinking water sources of a polluted large river basin in China. <i>Aquatic Ecosystem Health and Management</i> , 2018, 21, 107-117.	0.3	5
246	Occurrence, removal and risk of organic micropollutants in wastewater treatment plants across China: Comparison of wastewater treatment processes. <i>Water Research</i> , 2018, 130, 38-46.	5.3	289
247	Organic contaminants in African aquatic systems: Current knowledge, health risks, and future research directions. <i>Science of the Total Environment</i> , 2018, 619-620, 1493-1514.	3.9	115
248	Occurrence and distribution of organophosphorus flame retardants/plasticizers and synthetic musks in sediments from source water in the Pearl River Delta, China. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 975-982.	2.2	33
249	Combined effects of binary antibiotic mixture on growth, microcystin production, and extracellular release of <i>Microcystis aeruginosa</i> : application of response surface methodology. <i>Environmental Science and Pollution Research</i> , 2018, 25, 736-748.	2.7	26
250	Biomonitoring levels and trends of PAHs and synthetic musks associated with land use in urban environments. <i>Science of the Total Environment</i> , 2018, 618, 93-100.	3.9	35
251	Characterization of antibiotics in a large-scale river system of China: Occurrence pattern, spatiotemporal distribution and environmental risks. <i>Science of the Total Environment</i> , 2018, 618, 409-418.	3.9	226
252	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
253	Pharmaceuticals and Personal Care Products: Risks, Challenges, and Solutions. , 2018, , .		5
254	Studies on the metabolism and degradation of vancomycin in simulated in vitro and aquatic environment by UHPLC-Triple-TOF-MS/MS. <i>Scientific Reports</i> , 2018, 8, 15471.	1.6	32

#	ARTICLE	IF	CITATIONS
255	Sensitivities of seven algal species to triclosan, fluoxetine and their mixtures. <i>Scientific Reports</i> , 2018, 8, 15361.	1.6	34
256	Catalytic Ozonation Based Advanced Oxidation Process for Effective Treating Wastewater from Hospital and Community Health Centre Facility by FLASH WWT Catalyst System in Indonesia. <i>Journal of Physics: Conference Series</i> , 2018, 1095, 012030.	0.3	2
257	Predictors of urinary antibiotics in children of Shanghai and health risk assessment. <i>Environment International</i> , 2018, 121, 507-514.	4.8	44
258	Removal of sulfonamide antibiotics and human metabolite by biochar and biochar/H ₂ O ₂ in synthetic urine. <i>Water Research</i> , 2018, 147, 91-100.	5.3	136
259	Occurrence of pharmaceuticals and personal care products in the urban aquifer of Zaragoza (Spain) and its relationship with intensive shallow geothermal energy exploitation. <i>Journal of Hydrology</i> , 2018, 566, 629-642.	2.3	31
260	Exposure of Adults to Antibiotics in a Shanghai Suburban Area and Health Risk Assessment: A Biomonitoring-Based Study. <i>Environmental Science & Technology</i> , 2018, 52, 13942-13950.	4.6	57
261	Hyperspectral Imaging Microscopy of Acetaminophen Adsorbed on Multiwalled Carbon Nanotubes. <i>Langmuir</i> , 2018, 34, 13210-13218.	1.6	9
262	Halloysite Nanotubes as an Effective and Recyclable Adsorbent for Removal of Low-Concentration Antibiotics Ciprofloxacin. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 387.	0.8	29
263	Environmental Contaminants of Health-Care Origin: Exposure and Potential Effects in Wildlife. , 2018, , 87-122.		6
264	Conventional and Advanced Processes for the Removal of Pharmaceuticals and Their Human Metabolites from Wastewater. <i>ACS Symposium Series</i> , 2018, , 15-67.	0.5	4
265	Facile synthesis of Fe ₃ O ₄ @MOF-100(Fe) magnetic microspheres for the adsorption of diclofenac sodium in aqueous solution. <i>Environmental Science and Pollution Research</i> , 2018, 25, 31705-31717.	2.7	53
266	Research progress on distribution, migration, transformation of antibiotics and antibiotic resistance genes (ARGs) in aquatic environment. <i>Critical Reviews in Biotechnology</i> , 2018, 38, 1195-1208.	5.1	169
267	Effects of acute and chronic exposures of fluoxetine on the Chinese fish, topmouth gudgeon <i>Pseudorasbora parva</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 160, 104-113.	2.9	32
269	Occurrence and ecotoxicological assessment of pharmaceuticals: Is there a risk for the Mediterranean aquatic environment?. <i>Science of the Total Environment</i> , 2018, 639, 1334-1348.	3.9	213
270	Pharmaceutically active compounds in the Xiangjiang River, China: Distribution pattern, source apportionment, and risk assessment. <i>Science of the Total Environment</i> , 2018, 636, 975-984.	3.9	62
271	Understanding the Role of Extracellular Polymeric Substances on Ciprofloxacin Adsorption in Aerobic Sludge, Anaerobic Sludge, and Sulfate-Reducing Bacteria Sludge Systems. <i>Environmental Science & Technology</i> , 2018, 52, 6476-6486.	4.6	153
272	Ecotoxicological monitoring of wastewater. , 2018, , 369-386.		6
273	The occurrence of home and personal care products in the Haihe River catchment and estimation of human exposure. <i>Science of the Total Environment</i> , 2018, 643, 63-72.	3.9	24

#	ARTICLE	IF	CITATIONS
274	Enhanced degradation of ibuprofen by heterogeneous electro-Fenton at circumneutral pH. <i>Chemosphere</i> , 2018, 209, 998-1006.	4.2	68
275	Pharmaceuticals and Personal Care Products (PPCPs) as Emerging Environmental Pollutants: Toxicity and Risk Assessment. , 2018, , 337-353.		14
276	Antibiotic resistance genes in China: occurrence, risk, and correlation among different parameters. <i>Environmental Science and Pollution Research</i> , 2018, 25, 21467-21482.	2.7	67
277	Occurrence of typical antibiotics and source analysis based on PCA-MLR model in the East Dongting Lake, China. <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 145-152.	2.9	70
278	Development of g-C ₃ N ₄ /TiO ₂ /Fe ₃ O ₄ @SiO ₂ heterojunction via sol-gel route: A magnetically recyclable direct contact Z-scheme nanophotocatalyst for enhanced photocatalytic removal of ibuprofen from real sewage effluent under visible light. <i>Chemical Engineering Journal</i> , 2018, 353, 645-656.	6.6	123
279	Occurrence, distribution, and environmental risk of four categories of personal care products in the Xiangjiang River, China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 27524-27534.	2.7	21
280	Fate and effects of sediment-associated triclosan in subtropical freshwater microcosms. <i>Aquatic Toxicology</i> , 2018, 202, 117-125.	1.9	5
281	Commercial personal care product mixtures exhibit hormetic concentration-responses to <i>Vibrio qinghaiensis</i> sp.-Q67. <i>Ecotoxicology and Environmental Safety</i> , 2018, 162, 304-311.	2.9	19
282	The Correlation of Adsorption Behavior between Ciprofloxacin Hydrochloride and the Active Sites of Fe-doped MCM-41. <i>Frontiers in Chemistry</i> , 2018, 6, 17.	1.8	25
283	Occurrence, fate and removal of pharmaceuticals, personal care products and pesticides in wastewater stabilization ponds and receiving rivers in the Nzoia Basin, Kenya. <i>Science of the Total Environment</i> , 2018, 637-638, 336-348.	3.9	91
284	Comparison of the occurrence of antibiotic residues in two rural ponds: implication for ecopharmacovigilance. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 539.	1.3	13
285	Transformation of naproxen during the chlorination process: Products identification and quantum chemistry validation. <i>Chemosphere</i> , 2018, 211, 1007-1017.	4.2	26
286	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
287	Removal of selected pharmaceuticals and personal care products in reclaimed water during simulated managed aquifer recharge. <i>Science of the Total Environment</i> , 2018, 640-641, 671-677.	3.9	26
288	Non-antibiotic antimicrobial triclosan induces multiple antibiotic resistance through genetic mutation. <i>Environment International</i> , 2018, 118, 257-265.	4.8	131
289	Chemical nanosensors based on molecularly-imprinted polymers doped with silver nanoparticles for the rapid detection of caffeine in wastewater. <i>Analytica Chimica Acta</i> , 2018, 1034, 176-183.	2.6	60
290	An evaluation on the intra-day dynamics, seasonal variations and removal of selected pharmaceuticals and personal care products from urban wastewater treatment plants. <i>Science of the Total Environment</i> , 2018, 640-641, 1139-1147.	3.9	40
291	Synthesis and characterization of Fe ₃ O ₄ /BiOI n-p heterojunction magnetic photocatalysts. <i>Applied Surface Science</i> , 2018, 455, 742-747.	3.1	60

#	ARTICLE	IF	CITATIONS
292	“An investigation into the occurrence and removal of pharmaceuticals in Colombian wastewater” TM . Science of the Total Environment, 2018, 642, 842-853.	3.9	204
293	Health and ecological risk assessment of emerging contaminants (pharmaceuticals, personal care) Tj ETQq1 1 0.784314 rgBT /Overlook Basin, India. Science of the Total Environment, 2019, 646, 1459-1467.	3.9	328
294	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. Human and Ecological Risk Assessment (HERA), 2019, 25, 1207-1221.	1.7	15
295	Metagenomic insights into the diversity and functions of microbial assemblages in lakes. , 2019, , 175-223.		3
296	Seasonal and spatial variations of pharmaceuticals and personal care products occurrence and human health risk in drinking water - A case study of China. Science of the Total Environment, 2019, 694, 133711.	3.9	51
297	Photocatalysis and biodegradation of pharmaceuticals in wastewater: effect of abiotic and biotic factors. Clean Technologies and Environmental Policy, 2019, 21, 1701-1721.	2.1	25
298	Stress-responses of activated sludge and anaerobic sulfate-reducing bacteria sludge under long-term ciprofloxacin exposure. Water Research, 2019, 164, 114964.	5.3	76
299	Thermally Sensitive Molecularly Imprinted Polymers on Mesoporous Silica Nanospheres: Preparation, Characterization, and Properties as Novel Adsorbents for Dichlorophen. Journal of Chemical & Engineering Data, 2019, 64, 4005-4012.	1.0	9
300	Determination of Sulfamethoxazole Degradation Rate by an in Situ Experiment in a Reducing Alluvial Aquifer of the North China Plain. Environmental Science & Technology, 2019, 53, 10620-10628.	4.6	16
301	Synthesis of a core-shell heterostructured MoS ₂ /Cd _{0.9} Zn _{0.1} S photocatalyst for the degradation of diclofenac under visible light. Applied Catalysis B: Environmental, 2019, 259, 118033.	10.8	58
302	Concurrence of antibiotic resistant bacteria (ARB), viruses, pharmaceuticals and personal care products (PPCPs) in ambient waters of Guwahati, India: Urban vulnerability and resilience perspective. Science of the Total Environment, 2019, 693, 133640.	3.9	113
303	Biopolymer electrospun nanofibres for the adsorption of pharmaceuticals from water systems. Journal of Environmental Chemical Engineering, 2019, 7, 103330.	3.3	39
304	Removal of selected pharmaceuticals from aqueous matrices with activated carbon under flow conditions. Microchemical Journal, 2019, 150, 104079.	2.3	6
305	Which type of pollutants need to be controlled with priority in wastewater treatment plants: Traditional or emerging pollutants?. Environment International, 2019, 131, 104982.	4.8	105
306	Surface modified natural zeolites (SMNZs) as nanocomposite versatile materials for health and environment. Colloids and Surfaces B: Biointerfaces, 2019, 182, 110380.	2.5	16
307	Organic ultraviolet filters in nearshore waters and in the invasive lionfish (Pterois volitans) in Grenada, West Indies. PLoS ONE, 2019, 14, e0220280.	1.1	30
308	Are pharmaceuticals removal and membrane fouling in electromembrane bioreactor affected by current density?. Science of the Total Environment, 2019, 692, 732-740.	3.9	40
309	Occurrence and distribution of pharmaceutical compounds in the Danshuei River Estuary and the Northern Taiwan Strait. Marine Pollution Bulletin, 2019, 146, 509-520.	2.3	32

#	ARTICLE	IF	CITATIONS
310	Attenuation of pharmaceutically active compounds in aqueous solution by UV/CaO ₂ process: Influencing factors, degradation mechanism and pathways. <i>Water Research</i> , 2019, 164, 114922.	5.3	54
311	Prioritizing selected PPCPs on the basis of environmental and toxicogenetic concerns: A toxicity estimation to confirmation approach. <i>Journal of Hazardous Materials</i> , 2019, 380, 120828.	6.5	37
312	Long-term exposure to antibiotic mixtures favors microcystin synthesis and release in <i>Microcystis aeruginosa</i> with different morphologies. <i>Chemosphere</i> , 2019, 235, 344-353.	4.2	20
313	Public awareness level and occurrence of pharmaceutical residues in drinking water with potential health risk: A study from Kajang (Malaysia). <i>Ecotoxicology and Environmental Safety</i> , 2019, 185, 109681.	2.9	19
314	Prioritizing environmental risks of pharmaceuticals and personal care products in reclaimed water on urban green space in Beijing. <i>Science of the Total Environment</i> , 2019, 697, 133850.	3.9	23
315	Photocatalytic Degradation of Atenolol by TiO ₂ Irradiated with an Ultraviolet Light Emitting Diode: Performance, Kinetics, and Mechanism Insights. <i>Catalysts</i> , 2019, 9, 876.	1.6	7
316	New Insights into the Interaction between Graphene Oxide and Beta-Blockers. <i>Nanomaterials</i> , 2019, 9, 1429.	1.9	3
317	Occurrence and Seasonal Variation of Antibiotics in Fez-Morocco Surface Water. <i>American Journal of Environmental Sciences</i> , 2019, 15, 127-136.	0.3	8
318	Distribution and Chemical Analysis of Pharmaceuticals and Personal Care Products (PPCPs) in the Environmental Systems: A Review. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3026.	1.2	72
319	Occurrence, spatial-temporal distribution and ecological risks of pharmaceuticals and personal care products response to water diversion across the rivers in Nanjing, China. <i>Environmental Pollution</i> , 2019, 255, 113132.	3.7	41
320	The influence of selected pharmaceuticals on biogas production from laboratory and real anaerobic sludge. <i>Environmental Science and Pollution Research</i> , 2019, 26, 31846-31855.	2.7	21
321	Degradation and volatilization process of fragrance materials and triclosan in wastewater treatment plant – Comparison between field survey and laboratory experiment –. <i>Environmental Technology and Innovation</i> , 2019, 16, 100438.	3.0	4
322	Immobilization of laccase onto meso-MIL-53(Al) via physical adsorption for the catalytic conversion of triclosan. <i>Ecotoxicology and Environmental Safety</i> , 2019, 184, 109670.	2.9	55
323	Occurrence, fate and risk assessment of biocides in wastewater treatment plants and aquatic environments in Thailand. <i>Science of the Total Environment</i> , 2019, 690, 1110-1119.	3.9	44
324	Occurrence and ranking of pharmaceuticals in the major rivers of China. <i>Science of the Total Environment</i> , 2019, 696, 133991.	3.9	37
325	Carbamazepine disrupts molting hormone signaling and inhibits molting and growth of <i>Eriocheir sinensis</i> at environmentally relevant concentrations. <i>Aquatic Toxicology</i> , 2019, 208, 138-145.	1.9	30
326	Emerging contaminants of high concern and their enzyme-assisted biodegradation – A review. <i>Environment International</i> , 2019, 124, 336-353.	4.8	338
327	Synthesis of a novel core-shell-structure activated carbon material and its application in sulfamethoxazole adsorption. <i>Journal of Hazardous Materials</i> , 2019, 368, 602-612.	6.5	91

#	ARTICLE	IF	CITATIONS
328	Evaluation of diclofenac biodegradation by the ascomycete fungus <i>Penicillium oxalicum</i> at flask and bench bioreactor scales. <i>Science of the Total Environment</i> , 2019, 662, 607-614.	3.9	45
329	Acute and Chronic Toxicity of Carbamazepine on the Release of Chitinase, Molting, and Reproduction in <i>Daphnia similis</i> . <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 209.	1.2	28
330	Bioaccumulation behaviour of pharmaceuticals and personal care products in a constructed wetland. <i>Chemosphere</i> , 2019, 222, 275-285.	4.2	59
331	New theoretical insight into indirect photochemical transformation of fragrance nitro-musks: Mechanisms, eco-toxicity and health effects. <i>Environment International</i> , 2019, 129, 68-75.	4.8	64
332	Effective degradation of doxycycline by photocatalytic BiVO ₄ •H ₂ O ₂ under visible light. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, e13259.	1.3	8
333	A Review on Biological Processes for Pharmaceuticals Wastes Abatement—A Growing Threat to Modern Society. <i>Environmental Science & Technology</i> , 2019, 53, 7185-7202.	4.6	77
334	Dual metal-free polymer reactive sites for the efficient degradation of diclofenac by visible light-driven oxygen reduction to superoxide radical and hydrogen peroxide. <i>Environmental Science: Nano</i> , 2019, 6, 2577-2590.	2.2	30
335	Insights on the current status of occurrence and removal of antibiotics in wastewater by advanced oxidation processes. <i>Journal of Environmental Management</i> , 2019, 246, 51-62.	3.8	243
336	Removal of pharmaceuticals and personal care products using constructed wetlands: effective plant-bacteria synergism may enhance degradation efficiency. <i>Environmental Science and Pollution Research</i> , 2019, 26, 21109-21126.	2.7	68
337	Amino-functionalized synthesis of MnO ₂ -NH ₂ -GO for catalytic ozonation of cephalexin. <i>Applied Catalysis B: Environmental</i> , 2019, 256, 117797.	10.8	41
338	Automated online solid-phase extraction liquid chromatography tandem mass spectrometry investigation for simultaneous quantification of per- and polyfluoroalkyl substances, pharmaceuticals and personal care products, and organophosphorus flame retardants in environmental waters. <i>Journal of Chromatography A</i> , 2019, 1602, 350-358.	1.8	38
339	Insights into pharmaceuticals removal in an anaerobic sulfate-reducing bacteria sludge system. <i>Water Research</i> , 2019, 161, 191-201.	5.3	55
341	Effects of veterinary antibiotics on the fate and persistence of 17 β -estradiol in swine manure. <i>Journal of Hazardous Materials</i> , 2019, 375, 198-205.	6.5	16
342	Metallic nanoparticles induced antibiotic resistance genes attenuation of leachate culturable microbiota: The combined roles of growth inhibition, ion dissolution and oxidative stress. <i>Environment International</i> , 2019, 128, 407-416.	4.8	68
343	Optimization of screening-level risk assessment and priority selection of emerging pollutants—The case of pharmaceuticals in European surface waters. <i>Environment International</i> , 2019, 128, 1-10.	4.8	214
344	A Core-Shell Spherical Silica Molecularly Imprinted Polymer for Efficient Selective Recognition and Adsorption of Dichlorophen. <i>Fibers and Polymers</i> , 2019, 20, 459-465.	1.1	11
345	Pharmaceuticals and personal care products in aquatic environment: chemicals of emerging concern?. , 2019, , 63-85.		9
346	Health effects of pharmaceuticals and personal care products. , 2019, , 115-128.		2

#	ARTICLE	IF	CITATIONS
347	Removal of pharmaceuticals and personal care products by ozonation, advance oxidation processes, and membrane separation. , 2019, , 151-171.		14
348	Removal of pharmaceuticals and personal care products by aquatic plants. , 2019, , 321-340.		4
349	Corbicula fluminea rapidly accumulate pharmaceuticals from an effluent dependent urban stream. Chemosphere, 2019, 224, 873-883.	4.2	36
350	Mechanistic insight into interactions between tetracycline and two iron oxide minerals with different crystal structures. Chemical Engineering Journal, 2019, 366, 577-586.	6.6	54
351	Occurrence and ecological risk of pharmaceuticals and personal care products (PPCPs) and pesticides in typical surface watersheds, China. Ecotoxicology and Environmental Safety, 2019, 175, 289-298.	2.9	172
352	Occurrence and distribution of pharmaceuticals in raw, finished, and drinking water from seven large river basins in China. Journal of Water and Health, 2019, 17, 477-489.	1.1	21
353	Life cycle assessment of advanced wastewater treatment processes: Involving 126 pharmaceuticals and personal care products in life cycle inventory. Journal of Environmental Management, 2019, 238, 442-450.	3.8	73
354	Synthesis flower-like BiVO ₄ /BiOI core/shell heterostructure photocatalyst for tetracycline degradation under visible-light irradiation. Journal of Materials Science: Materials in Electronics, 2019, 30, 9311-9321.	1.1	26
355	Caffeine hinders the decomposition of acetaminophen over TiO ₂ -SiO ₂ nanocomposites containing carbon nanotubes irradiated by visible light. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 376, 166-174.	2.0	9
356	Contaminants of emerging concern in a freeze-thaw river during the spring flood. Science of the Total Environment, 2019, 670, 576-584.	3.9	19
357	Quantification of recalcitrant organic compounds during their removal test by a novel and economical method based on chemical oxygen demand analysis. Korean Journal of Chemical Engineering, 2019, 36, 423-432.	1.2	8
358	Investigation of medicines consumption and disposal in Brazil: A study case in a developing country. Science of the Total Environment, 2019, 671, 505-509.	3.9	36
359	Effective adsorption of trace phosphate and aluminum in realistic water by carbon nanotubes and reduced graphene oxides. Science of the Total Environment, 2019, 662, 1003-1011.	3.9	24
360	Testosterone disruptor effect and gut microbiome perturbation in mice: Early life exposure to doxycycline. Chemosphere, 2019, 222, 722-731.	4.2	22
361	Carbon nanotube composite membranes for microfiltration of pharmaceuticals and personal care products. , 2019, , 183-202.		10
362	Effect of Co(II) dopant on the removal of Methylene Blue by a dense copper terephthalate. Journal of Environmental Sciences, 2019, 81, 68-79.	3.2	14
363	Spatiotemporal distributions, source apportionment and potential risks of 15 pharmaceuticals and personal care products (PPCPs) in Qinzhou Bay, South China. Marine Pollution Bulletin, 2019, 141, 104-111.	2.3	49
364	Synergistic decomposition of imidacloprid by TiO ₂ -Fe ₃ O ₄ nanocomposite conjugated with persulfate in a photovoltaic-powered UV-LED photoreactor. Korean Journal of Chemical Engineering, 2019, 36, 965-974.	1.2	11

#	ARTICLE	IF	CITATIONS
365	Removal of pharmaceuticals and personal care products by two-stage biofiltration for drinking water treatment. <i>Science of the Total Environment</i> , 2019, 664, 240-248.	3.9	63
366	Fluorescent kinetics combined with fourth-order calibration for the determination of diclofenac sodium in environmental water. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 2019-2029.	1.9	11
367	Spatially Explicit Large-Scale Environmental Risk Assessment of Pharmaceuticals in Surface Water in China. <i>Environmental Science & Technology</i> , 2019, 53, 2559-2569.	4.6	28
369	Removal of Organic Micropollutants in Wastewater Treated by Activated Sludge and Constructed Wetlands: A Comparative Study. <i>Water (Switzerland)</i> , 2019, 11, 2515.	1.2	24
370	Promoting surface oxygen vacancies on ceria via light pretreatment to enhance catalytic ozonation. <i>Catalysis Science and Technology</i> , 2019, 9, 5979-5990.	2.1	29
371	Removal of pharmaceuticals and personal care products (PPCPs) from water and wastewater using novel sulfonic acid (SO_3H) functionalized covalent organic frameworks. <i>Environmental Science: Nano</i> , 2019, 6, 3374-3387.	2.2	61
372	Anthropogenic environmental drivers of antimicrobial resistance in wildlife. <i>Science of the Total Environment</i> , 2019, 649, 12-20.	3.9	108
373	Analytical methods for the determination of emerging contaminants in sewage sludge samples. A review. <i>Talanta</i> , 2019, 192, 508-533.	2.9	112
374	Distribution patterns of antibiotic residues in an urban river catchment. <i>Water and Environment Journal</i> , 2019, 33, 31-39.	1.0	3
375	Membrane-based separation of potential emerging pollutants. <i>Separation and Purification Technology</i> , 2019, 210, 850-866.	3.9	277
376	Predicting distribution coefficients for antibiotics in a river water-sediment using quantitative models based on their spatiotemporal variations. <i>Science of the Total Environment</i> , 2019, 655, 1301-1310.	3.9	57
377	MP-UV/CaO ₂ as a pretreatment method for the removal of carbamazepine and primidone in waste activated sludge and improving the solubilization of sludge. <i>Water Research</i> , 2019, 151, 158-169.	5.3	24
378	Adsorptive removal of bisphenol A, chloroxylenol, and carbamazepine from water using a novel β -cyclodextrin polymer. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 278-285.	2.9	120
379	Adsorption of Selected Pharmaceutical and Personal Care Products with Molybdenum Disulfide and Tungsten Disulfide Nanomaterials. <i>Environmental Engineering Science</i> , 2019, 36, 305-315.	0.8	8
380	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
381	Pharmaceuticals and personal care products in water, sediments, aquatic organisms, and fish feeds in the Pearl River Delta: Occurrence, distribution, potential sources, and health risk assessment. <i>Science of the Total Environment</i> , 2019, 659, 230-239.	3.9	187
382	Wastewater Reflections in Consumer Mind: Evidence from Sewage Services Consumer Behaviour. <i>Sustainability</i> , 2019, 11, 123.	1.6	3
383	Mechanism of adsorption of tetracycline-Cu multi-pollutants by graphene oxide (GO) and reduced graphene oxide (rGO). <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 1176-1186.	1.6	29

#	ARTICLE	IF	CITATIONS
384	Pharmaceutical and Personal Care Products in Surface Waters from the Inner City of Beijing, China: Influence of Hospitals and Reclaimed Water Irrigation. <i>Archives of Environmental Contamination and Toxicology</i> , 2019, 76, 255-264.	2.1	16
385	Actinia-like multifunctional nanocoagulant for single-step removal of water contaminants. <i>Nature Nanotechnology</i> , 2019, 14, 64-71.	15.6	89
386	In situ synthesis of a cadmium sulfide/reduced graphene oxide/bismuth Z-scheme oxyiodide system for enhanced photocatalytic performance in chlorinated paraben degradation. <i>Chemical Engineering Journal</i> , 2019, 359, 530-541.	6.6	48
387	Detection of Antibiotics in Drinking Water Treatment Plants in Baghdad City, Iraq. <i>Advances in Public Health</i> , 2019, 2019, 1-10.	0.7	81
388	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
389	Theoretical study on adsorption characteristics and environmental effects of dimetridazole on TiO ₂ surface. <i>Computational and Theoretical Chemistry</i> , 2019, 1150, 10-17.	1.1	5
390	Disturbance of ecological habitat distribution driven by a chemical barrier of domestic and agricultural discharges: An experimental approach to test habitat fragmentation. <i>Science of the Total Environment</i> , 2019, 651, 2820-2829.	3.9	13
391	Self-assembled thin films of PAA/PAH/TiO ₂ for the photooxidation of ibuprofen. Part II: Characterization, sensitization, kinetics and reutilization. <i>Chemical Engineering Journal</i> , 2019, 361, 1487-1496.	6.6	13
392	Organic micropollutants in the surface riverine sediment along the lower stretch of the transboundary river Ganga: Occurrences, sources and ecological risk assessment. <i>Environmental Pollution</i> , 2019, 249, 1071-1080.	3.7	59
393	Critical review: Grand challenges in assessing the adverse effects of contaminants of emerging concern on aquatic food webs. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 46-60.	2.2	150
394	Degradation of sulfamethazine by persulfate activated with organo-montmorillonite supported nano-zero valent iron. <i>Chemical Engineering Journal</i> , 2019, 361, 99-108.	6.6	130
395	Determination of antibiotic concentration in meconium and its association with fetal growth and development. <i>Environment International</i> , 2019, 123, 70-78.	4.8	43
396	Porous polydimethylsiloxane membranes loaded with low-temperature crystallized TiO ₂ NPs for detachable antibacterial films. <i>Journal of Materials Science</i> , 2019, 54, 1665-1676.	1.7	12
397	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
398	Removal of acetaminophen in the Fe ²⁺ /persulfate system: Kinetic model and degradation pathways. <i>Chemical Engineering Journal</i> , 2019, 358, 1091-1100.	6.6	178
399	Photolysis of enrofloxacin, pefloxacin and sulfaquinoxaline in aqueous solution by UV/H ₂ O ₂ , UV/Fe(II), and UV/H ₂ O ₂ /Fe(II) and the toxicity of the final reaction solutions on zebrafish embryos. <i>Science of the Total Environment</i> , 2019, 651, 1457-1468.	3.9	77
400	Visible-light-driven N-TiO ₂ @SiO ₂ @Fe ₃ O ₄ magnetic nanophotocatalysts: Synthesis, characterization, and photocatalytic degradation of PPCPs. <i>Journal of Hazardous Materials</i> , 2019, 370, 108-116.	6.5	107
401	Seasonal occurrence, removal and risk assessment of 10 pharmaceuticals in 2 sewage treatment plants of Guangdong, China. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 458-469.	1.2	15

#	ARTICLE	IF	CITATIONS
402	Assessing the interactions between micropollutants and nanoparticles in engineered and natural aquatic environments. <i>Critical Reviews in Environmental Science and Technology</i> , 2020, 50, 135-215.	6.6	36
403	Ciprofloxacin transformation in aqueous environments: Mechanism, kinetics, and toxicity assessment during OH^- -mediated oxidation. <i>Science of the Total Environment</i> , 2020, 699, 134190.	3.9	17
404	Visible-light-driven photocatalytic degradation of naproxen by Bi-modified titanate nanobulks: Synthesis, degradation pathway and mechanism. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 386, 112108.	2.0	26
405	Remarkably efficient charge transfer through a double heterojunction mechanism by a CdS-SnS-SnS ₂ /rGO composite with excellent photocatalytic performance under visible light. <i>Journal of Hazardous Materials</i> , 2020, 391, 121016.	6.5	26
406	Elucidation of prazosin biodegradation by isolated <i>Bacillus</i> spp. from the tropical environment. <i>Journal of General and Applied Microbiology</i> , 2020, 66, 8-14.	0.4	2
407	Differential adsorption of zwitterionic PPCPs by multifunctional resins: The influence of the hydrophobicity and electrostatic potential of PPCPs. <i>Chemosphere</i> , 2020, 241, 125023.	4.2	25
408	Biological removal of pharmaceuticals by <i>Navicula</i> sp. and biotransformation of bezafibrate. <i>Chemosphere</i> , 2020, 240, 124949.	4.2	35
409	Novel phenyl-phosphate-based porous organic polymers for removal of pharmaceutical contaminants in water. <i>Chemical Engineering Journal</i> , 2020, 379, 122290.	6.6	62
410	Efficiently removal of ciprofloxacin from aqueous solution by MIL-101(Cr)-HSO ₃ : the enhanced electrostatic interaction. <i>Journal of Porous Materials</i> , 2020, 27, 189-204.	1.3	35
411	Occurrence and potential risks of emerging contaminants in water. , 2020, , 1-25.		13
412	Solid base Mg-doped ZnO for heterogeneous catalytic ozonation of isoniazid: Performance and mechanism. <i>Science of the Total Environment</i> , 2020, 703, 134983.	3.9	40
413	Chemical HRP in wastewater. , 2020, , 5-39.		1
414	Nanoscale zero valent iron-activated persulfate coupled with Fenton oxidation process for typical pharmaceuticals and personal care products degradation. <i>Separation and Purification Technology</i> , 2020, 239, 116534.	3.9	73
415	Ecotoxicological assessment of pharmaceuticals and personal care products using predictive toxicology approaches. <i>Green Chemistry</i> , 2020, 22, 1458-1516.	4.6	86
416	Anthropogenic impacts on the contamination of pharmaceuticals and personal care products (PPCPs) in the coastal environments of the Yellow and Bohai seas. <i>Environment International</i> , 2020, 135, 105306.	4.8	99
417	Concentration and distribution of parabens, triclosan, and triclocarban in pregnant woman serum in China. <i>Science of the Total Environment</i> , 2020, 710, 136390.	3.9	40
418	Spectrum and environmental risks of residual pharmaceuticals in stream water with emphasis on its relation to epidemic infectious disease and anthropogenic activity in watershed. <i>Journal of Hazardous Materials</i> , 2020, 385, 121594.	6.5	32
419	The treatment of veterinary antibiotics in swine wastewater by biodegradation and Fenton-like oxidation. <i>Science of the Total Environment</i> , 2020, 710, 136299.	3.9	58

#	ARTICLE	IF	CITATIONS
420	Comparison of the regulatory outline of ecopharmacovigilance of pharmaceuticals in Europe, USA, Japan and Australia. <i>Science of the Total Environment</i> , 2020, 709, 134815.	3.9	29
421	Recent developments and challenges in practical application of visible“light”driven TiO ₂ “based heterojunctions for PPCP degradation: A critical review. <i>Water Research</i> , 2020, 170, 115356.	5.3	185
422	Use mechanochemical activation to enhance interfacial contaminant removal: A review of recent developments and mainstream techniques. <i>Chemosphere</i> , 2020, 243, 125339.	4.2	15
423	Removal of organic micropollutants using advanced membrane-based water and wastewater treatment: A review. <i>Journal of Membrane Science</i> , 2020, 598, 117672.	4.1	238
424	Production of biochar from waste sludge/leaf for fast and efficient removal of diclofenac. <i>Journal of Molecular Liquids</i> , 2020, 299, 112193.	2.3	38
425	Evaluation of photocatalytic selectivity of Ag/Zn modified molecularly imprinted TiO ₂ by multiwavelength measurement. <i>Science of the Total Environment</i> , 2020, 703, 134732.	3.9	31
426	A Polydimethylsiloxane Rod Extraction-Based Method for the Determination of Pharmaceuticals and Triclosan by Liquid Chromatography in Water Samples. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 104, 107-113.	1.3	1
427	Physicochemical properties of La ³⁺ -doped TiO ₂ monolith prepared by sol“gel approach: application to adsorption and solar photodegradation of ibuprofen. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 1072-1083.	1.1	7
428	In-situ fabrication of g-C ₃ N ₄ /MIL-68(In)-NH ₂ heterojunction composites with enhanced visible-light photocatalytic activity for degradation of ibuprofen. <i>Chemical Engineering Journal</i> , 2020, 391, 123608.	6.6	79
429	Mobile genetic elements in potential host microorganisms are the key hindrance for the removal of antibiotic resistance genes in industrial-scale composting with municipal solid waste. <i>Bioresource Technology</i> , 2020, 301, 122723.	4.8	58
430	Behavior of UV Filters, UV Blockers and Pharmaceuticals in High Rate Algal Ponds Treating Urban Wastewater. <i>Water (Switzerland)</i> , 2020, 12, 2658.	1.2	12
431	Evaluation of pharmaceutical activities of G-protein coupled receptor targeted pharmaceuticals in Chinese wastewater effluent. <i>Chinese Chemical Letters</i> , 2020, 31, 2859-2863.	4.8	5
432	Eco friendly synthesis of the LiY(MoO ₄) ₂ coral-like quantum dots in biotemplate MOF (QD/BioMOF) for in vivo imaging and ibuprofen removal from an aqueous media study. <i>Arabian Journal of Chemistry</i> , 2020, 13, 7820-7828.	2.3	8
433	Degradation of furosemide using photocatalytic ozonation in the presence of ZnO/ICLT nanocomposite particles: Experimental, modeling, optimization and mechanism evaluation. <i>Journal of Molecular Liquids</i> , 2020, 319, 114193.	2.3	43
434	Characteristics of veterinary antibiotics in intensive livestock farming watersheds with different liquid manure application programs using UHPLC-q-orbitrap HRMS combined with on-line SPE. <i>Science of the Total Environment</i> , 2020, 749, 142375.	3.9	10
435	Synergistic effects of unsaturated flow and soil organic matter on retention and transport of PPCPs in soils. <i>Environmental Research</i> , 2020, 191, 110135.	3.7	11
436	Pharmaceuticals as emerging contaminants in the aquatic environment of Latin America: a review. <i>Environmental Science and Pollution Research</i> , 2020, 27, 44863-44891.	2.7	88
437	Occurrence, fate, and mass balance of selected pharmaceutical and personal care products (PPCPs) in an urbanized river. <i>Environmental Pollution</i> , 2020, 266, 115340.	3.7	45

#	ARTICLE	IF	CITATIONS
438	Removal of personal care products (PCPs) from greywater using a submerged membrane bioreactor (SMBR): The effect of hydraulic retention time. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104432.	3.3	19
439	Antibiotics and antibiotic resistant genes (ARGs) in groundwater: A global review on dissemination, sources, interactions, environmental and human health risks. <i>Water Research</i> , 2020, 187, 116455.	5.3	453
440	Equilibrium, Kinetic and Thermodynamic Studies for the Adsorption of Gemfibrozil onto Graphitized Carbon Black (GCB). <i>Nano</i> , 2020, 15, 2050120.	0.5	2
441	Magnetic Fe ₃ O ₄ @MIL-53(Fe) nanocomposites derived from MIL-53(Fe) for the photocatalytic degradation of ibuprofen under visible light irradiation. <i>Materials Research Bulletin</i> , 2020, 132, 111000.	2.7	81
442	Recent advances in application of graphitic carbon nitride-based catalysts for degrading organic contaminants in water through advanced oxidation processes beyond photocatalysis: A critical review. <i>Water Research</i> , 2020, 184, 116200.	5.3	343
443	Resilience, Response, and Risk in Water Systems. <i>Springer Transactions in Civil and Environmental Engineering</i> , 2020, , .	0.3	1
444	Developing interim water quality criteria for emerging chemicals of concern for protecting marine life in the Greater Bay Area of South China. <i>Marine Pollution Bulletin</i> , 2020, 161, 111792.	2.3	9
445	Kinetics, Mechanism, and Toxicity of Amlodipine Degradation by the UV/Chlorine Process. <i>Water (Switzerland)</i> , 2020, 12, 3150.	1.2	5
446	Occurrence of pharmaceuticals in aquatic environments: A review and potential impacts in South Africa. <i>South African Journal of Science</i> , 2020, 116, .	0.3	23
447	Efficient adsorption and full spectrum photocatalytic degradation of low concentration PPCPs promoted by graphene/TiO ₂ nanowires hybrid structure in 3D hydrogel networks. <i>RSC Advances</i> , 2020, 10, 27050-27057.	1.7	9
448	Occurrence and risk assessment of emerging contaminants in a water reclamation and ecological reuse project. <i>Science of the Total Environment</i> , 2020, 744, 140977.	3.9	73
449	Kinetics and pathways of the degradation of PPCPs by carbonate radicals in advanced oxidation processes. <i>Water Research</i> , 2020, 185, 116231.	5.3	128
450	Preparation of copper based metal organic framework materials and its effective adsorptive removal of ceftazidime from aqueous solutions. <i>Applied Surface Science</i> , 2020, 532, 147411.	3.1	28
451	Removal of sulfamethazine and Cu ²⁺ by <i>Sakaguchia cladiensis</i> A5: Performance and transcriptome analysis. <i>Science of the Total Environment</i> , 2020, 746, 140956.	3.9	12
452	Occurrence and risk assessment of steroid estrogens in environmental water samples: A five-year worldwide perspective. <i>Environmental Pollution</i> , 2020, 267, 115405.	3.7	57
453	Removal of Diclofenac in Effluent of Sewage Treatment Plant by Photocatalytic Oxidation. <i>Water (Switzerland)</i> , 2020, 12, 2902.	1.2	6
454	New insight in the O ₂ activation by nano Fe/Cu bimetals: The synergistic role of Cu(0) and Fe(II). <i>Chinese Chemical Letters</i> , 2020, 31, 2831-2834.	4.8	33
455	Fluoxetine Arrests Growth of the Model Diatom <i>Phaeodactylum tricornutum</i> by Increasing Oxidative Stress and Altering Energetic and Lipid Metabolism. <i>Frontiers in Microbiology</i> , 2020, 11, 1803.	1.5	37

#	ARTICLE	IF	CITATIONS
456	Pure and cerium-doped zinc oxides: Hydrothermal synthesis and photocatalytic degradation of methylene blue under visible light irradiation. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 1631-1643.	0.8	9
457	Indirect Photodegradation of Sulfamethoxazole and Trimethoprim by Hydroxyl Radicals in Aquatic Environment: Mechanisms, Transformation Products and Eco-Toxicity Evaluation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6276.	1.8	9
458	Sources of Pharmaceuticals in Water. <i>Handbook of Environmental Chemistry</i> , 2020, , 33.	0.2	9
459	Theoretical Study of Ozonation of Methylparaben and Ethylparaben in Aqueous Solution. <i>Journal of Physical Chemistry A</i> , 2020, 124, 10967-10976.	1.1	3
460	Tetracycline Removal by Activating Persulfate with Diatomite Loading of Fe and Ce. <i>Molecules</i> , 2020, 25, 5531.	1.7	13
461	Efficient urine removal, simultaneous elimination of emerging contaminants, and control of toxic chlorate in a photoelectrocatalytic-chlorine system. <i>Environmental Pollution</i> , 2020, 267, 115605.	3.7	14
462	Development and Molecular Investigation into the Effects of Carbamazepine Exposure in the Zebrafish (<i>Danio rerio</i>). <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8882.	1.2	15
463	Graphene in different extraction techniques. <i>Comprehensive Analytical Chemistry</i> , 2020, 91, 49-72.	0.7	2
464	Graphene quantum dots based on maltose as a high yield photocatalyst for efficient photodegradation of imipramine in wastewater samples. <i>Journal of Environmental Health Science & Engineering</i> , 2020, 18, 1531-1540.	1.4	11
465	Distribution of phenotypic and genotypic antimicrobial resistance and virulence genes in <i>Vibrio parahaemolyticus</i> isolated from cultivated oysters and estuarine water. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	22
466	Ecotoxicological risk assessment and source apportionment of antibiotics in the waters and sediments of a peri-urban river. <i>Science of the Total Environment</i> , 2020, 731, 139128.	3.9	46
467	Spatiotemporal distributions and ecological risk assessment of pharmaceuticals and personal care products in groundwater in North China. <i>Hydrology Research</i> , 2020, 51, 911-924.	1.1	8
468	The Ecological Risk Assessment of PPCPs Based on Different Endpoints in Urban Rivers from The Pearl River. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 450, 012080.	0.2	0
469	Acceleration of peroxymonosulfate decomposition by a magnetic MoS ₂ /CuFe ₂ O ₄ heterogeneous catalyst for rapid degradation of fluoxetine. <i>Chemical Engineering Journal</i> , 2020, 397, 125501.	6.6	119
471	Oxidation of 2,4-dichlorophenol in saline water by unactivated peroxymonosulfate: Mechanism, kinetics and implication for in situ chemical oxidation. <i>Science of the Total Environment</i> , 2020, 728, 138826.	3.9	46
472	Insight into PPCP degradation by UV/NH ₂ Cl and comparison with UV/NaClO: Kinetics, reaction mechanism, and DBP formation. <i>Water Research</i> , 2020, 182, 115967.	5.3	71
473	Photocatalytic Oxidative Degradation of Carbamazepine by TiO ₂ Irradiated by UV Light Emitting Diode. <i>Catalysts</i> , 2020, 10, 540.	1.6	17
474	Multifunctional copper polymer-based nanocomposite for environmental and agricultural applications. , 2020, , 189-211.		8

#	ARTICLE	IF	CITATIONS
475	3D hierarchical H ₂ -reduced Mn-doped CeO ₂ microflowers assembled from nanotubes as a high-performance Fenton-like photocatalyst for tetracycline antibiotics degradation. <i>Applied Catalysis B: Environmental</i> , 2020, 277, 119171.	10.8	260
476	Layered oxides supported Co-Fe bimetal catalyst for carbamazepine degradation via the catalytic activation of peroxymonosulfate. <i>Chemical Engineering Journal</i> , 2020, 400, 125899.	6.6	64
477	Organic ultraviolet-absorbing materials in street dust from Hefei, China: Concentrations, profiles, and human health risks. <i>Chemical Engineering Research and Design</i> , 2020, 135, 228-235.	2.7	15
478	Organic micropollutants in water and sediment from Lake Mälaren, Sweden. <i>Chemosphere</i> , 2020, 258, 127293.	4.2	53
479	Municipal Solid Waste Landfills: An Underestimated Source of Pharmaceutical and Personal Care Products in the Water Environment. <i>Environmental Science & Technology</i> , 2020, 54, 9757-9768.	4.6	157
480	Degradation of sulfachloropyridazine by UV-C/persulfate: kinetics, key factors, degradation pathway. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2510-2520.	1.2	10
481	High-throughput screening of bisphenols using magnetic covalent organic frameworks as a SELDI-TOF-MS probe. <i>Mikrochimica Acta</i> , 2020, 187, 370.	2.5	17
482	Singlet oxygen production abilities of oxidated aromatic compounds in natural water. <i>Chemosphere</i> , 2020, 258, 127308.	4.2	12
483	Selected antibiotics and current-use pesticides in riverine runoff of an urbanized river system in association with anthropogenic stresses. <i>Science of the Total Environment</i> , 2020, 739, 140004.	3.9	21
484	Facile preparation of 3D GO with caffeic acid for efficient adsorption of norfloxacin and ketoprofen. <i>Water Science and Technology</i> , 2020, 81, 1461-1470.	1.2	11
485	Metal-organic frameworks as adsorbents for sequestering organic pollutants from wastewater. <i>Materials Chemistry and Physics</i> , 2020, 253, 123246.	2.0	56
486	Visible-“light” driven magnetically recyclable terephthalic acid functionalized g-C ₃ N ₄ /TiO ₂ heterojunction nanophotocatalyst for enhanced degradation of PPCPs. <i>Applied Catalysis B: Environmental</i> , 2020, 270, 118898.	10.8	105
487	Highly efficient photocatalytic performance of Bi ₂ WO ₆ for degradation of tetracycline hydrochloride in an aqueous phase. <i>RSC Advances</i> , 2020, 10, 12068-12077.	1.7	7
488	Significant Effect of Evaporation Process on the Reaction of Sulfamethoxazole with Manganese Oxide. <i>Environmental Science & Technology</i> , 2020, 54, 4856-4864.	4.6	17
489	Strong impact of micropollutants on prokaryotic communities at the horizontal but not vertical scales in a subtropical reservoir, China. <i>Science of the Total Environment</i> , 2020, 721, 137767.	3.9	19
490	Occurrence and distribution of priority pharmaceuticals in the Yellow River and the Huai River in Henan, China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 16816-16826.	2.7	14
491	Pharmaceuticals, personal care products, food additive and pesticides in surface waters from three Australian east coast estuaries (Sydney, Yarra and Brisbane). <i>Marine Pollution Bulletin</i> , 2020, 153, 111014.	2.3	27
492	Emerging Eco-friendly Green Technologies for Wastewater Treatment. <i>Microorganisms for Sustainability</i> , 2020, , .	0.4	9

#	ARTICLE	IF	CITATIONS
493	Occurrence and toxicity of antibiotics in the aquatic environment: A review. <i>Chemosphere</i> , 2020, 251, 126351.	4.2	748
494	Sunscreen active ingredients in loggerhead turtles (<i>Caretta caretta</i>) and their relation to molecular markers of inflammation, oxidative stress and hormonal activity in wild populations. <i>Marine Pollution Bulletin</i> , 2020, 153, 111012.	2.3	32
495	Numerical study of the antibiotic transport and distribution in the Laizhou Bay, China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 37760-37772.	2.7	3
496	Quantification of estrogen concentration in a creek receiving wastewater treatment plant effluent. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 426.	1.3	6
497	Characteristics of pharmaceutically active compounds in surface water in Beijing, China: Occurrence, spatial distribution and biennial variation from 2013 to 2017. <i>Environmental Pollution</i> , 2020, 264, 114753.	3.7	18
498	Assessing hospital impact on pharmaceutical levels in a rural "source-to-sink" water system. <i>Science of the Total Environment</i> , 2020, 737, 139618.	3.9	28
499	Caffeine removal by <i>Gliricidia sepium</i> biochar: Influence of pyrolysis temperature and physicochemical properties. <i>Environmental Research</i> , 2020, 189, 109865.	3.7	48
500	Antibiotics in soil and water in China—a systematic review and source analysis. <i>Environmental Pollution</i> , 2020, 266, 115147.	3.7	234
501	Monitoring pharmaceuticals and personal care products in water and fish from the Gulf of Urabá, Colombia. <i>Heliyon</i> , 2020, 6, e04215.	1.4	28
502	Degradation of Diclofenac Sodium by Pre-magnetization Fe ₀ /Persulfate System: Efficiency and Degradation Pathway Study. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	1.1	8
503	Fate and toxicity of pharmaceuticals in water environment: An insight on their occurrence in South Asia. <i>Journal of Environmental Management</i> , 2020, 271, 111030.	3.8	105
504	Titanate for water remediation: synthesis, application, mechanism and optimization. <i>Journal of Materials Chemistry A</i> , 2020, 8, 14415-14440.	5.2	24
505	Highly enhanced adsorption performance of tetracycline antibiotics on KOH-activated biochar derived from reed plants. <i>RSC Advances</i> , 2020, 10, 5066-5076.	1.7	47
506	Ecological risk assessment of fifty pharmaceuticals and personal care products (PPCPs) in Chinese surface waters: A proposed multiple-level system. <i>Environment International</i> , 2020, 136, 105454.	4.8	203
507	Hollow core/shell Bi ₂ O ₃ @WS ₂ p-n heterojunction for efficient photocatalytic degradation of fluoroquinolones: a theoretical and experimental study. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1374-1385.	3.0	25
508	SnO ₂ @ZnS photocatalyst with enhanced photocatalytic activity for the degradation of selected pharmaceuticals and personal care products in model wastewater. <i>Journal of Alloys and Compounds</i> , 2020, 827, 154339.	2.8	64
509	Comparative genotoxicity of water processed by three drinking water treatment plants with different water treatment procedures. <i>Frontiers of Environmental Science and Engineering</i> , 2020, 14, 1.	3.3	7
510	Ultrathin Ag ₂ WO ₄ -coated P-doped g-C ₃ N ₄ nanosheets with remarkable photocatalytic performance for indomethacin degradation. <i>Journal of Hazardous Materials</i> , 2020, 392, 122355.	6.5	62

#	ARTICLE	IF	CITATIONS
511	Endocrine disrupting compounds, pharmaceuticals and personal care products in the aquatic environment of China: Which chemicals are the prioritized ones?. <i>Science of the Total Environment</i> , 2020, 720, 137652.	3.9	100
512	Selected Pharmaceuticals in Different Aquatic Compartments: Part I—Source, Fate and Occurrence. <i>Molecules</i> , 2020, 25, 1026.	1.7	65
513	A Review of Recently Developed LC-MS/MS Methods for the Analysis of Pharmaceuticals and Personal Care Products in Water. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 9-22.	0.7	7
514	Wrinkle structure on multifunctional MOFs to facilitate PPCPs adsorption in wastewater. <i>Chemical Engineering Journal</i> , 2020, 387, 124196.	6.6	61
515	The study of biological activity of transformation products of diclofenac and its interaction with chlorogenic acid. <i>Journal of Environmental Sciences</i> , 2020, 91, 128-141.	3.2	10
516	Identifying targets of potential concern by a screening level ecological risk assessment of human use pharmaceuticals in China. <i>Chemosphere</i> , 2020, 246, 125818.	4.2	31
517	Developing a low-pressure and super stable electrochemical tubular reactive filter: Outstanding efficiency for wastewater purification. <i>Electrochimica Acta</i> , 2020, 335, 135634.	2.6	35
518	Removal of ciprofloxacin as an emerging pollutant: A novel application for bauxite residue reuse. <i>Journal of Cleaner Production</i> , 2020, 253, 120049.	4.6	28
519	Carbamazepine degradation by heterogeneous activation of peroxymonosulfate with lanthanum cobaltite perovskite: Performance, mechanism and toxicity. <i>Journal of Environmental Sciences</i> , 2020, 91, 10-21.	3.2	82
520	Development of quantitative structure-property relationship model for predicting the field sampling rate (Rs) of Chemcatcher passive sampler. <i>Environmental Science and Pollution Research</i> , 2020, 27, 10415-10424.	2.7	2
521	Enzyme response of activated sludge to a mixture of emerging contaminants in continuous exposure. <i>PLoS ONE</i> , 2020, 15, e0227267.	1.1	14
522	Residues, bioaccumulation, and trophic transfer of pharmaceuticals and personal care products in highly urbanized rivers affected by water diversion. <i>Journal of Hazardous Materials</i> , 2020, 391, 122245.	6.5	83
523	Challenges for Safe and Healthy Drinking Water in China. <i>Current Environmental Health Reports</i> , 2020, 7, 292-302.	3.2	33
524	Rapid and efficient removal of naproxen from water by CuFe ₂ O ₄ with peroxymonosulfate. <i>Environmental Science and Pollution Research</i> , 2020, 27, 21542-21551.	2.7	24
525	Enhancement of PPCPs removal by shaped microbial community of aerobic granular sludge under condition of low C/N ratio influent. <i>Journal of Hazardous Materials</i> , 2020, 394, 122583.	6.5	40
526	Intensified pharmaceutical and personal care products removal in an electrolysis-integrated tidal flow constructed wetland. <i>Chemical Engineering Journal</i> , 2020, 394, 124860.	6.6	38
527	Effect of low-level H ₂ O ₂ and Fe(II) on the UV treatment of tetracycline antibiotics and the toxicity of reaction solutions to zebrafish embryos. <i>Chemical Engineering Journal</i> , 2020, 394, 125021.	6.6	43
528	The application of microwaves in sulfate radical-based advanced oxidation processes for environmental remediation: A review. <i>Science of the Total Environment</i> , 2020, 722, 137831.	3.9	77

#	ARTICLE	IF	CITATIONS
529	Dynamic Adsorption of Sulfamethoxazole from Aqueous Solution by Lignite Activated Coke. <i>Materials</i> , 2020, 13, 1785.	1.3	7
530	Cardiovascular drugs and lipid regulating agents in surface waters at global scale: Occurrence, ecotoxicity and risk assessment. <i>Science of the Total Environment</i> , 2020, 729, 138770.	3.9	50
531	Influence of microwave-assisted synthesis on the structural and textural properties of mesoporous MIL-101(Fe) and NH ₂ -MIL-101(Fe) for enhanced tetracycline adsorption. <i>Materials Chemistry and Physics</i> , 2020, 251, 123060.	2.0	95
532	Microwave-assisted synthesis of a TiO ₂ -CuO heterojunction with enhanced photocatalytic activity against tetracycline. <i>Applied Surface Science</i> , 2020, 520, 146344.	3.1	106
533	Widespread monitoring of chiral pharmaceuticals in urban rivers reveals stereospecific occurrence and transformation. <i>Environment International</i> , 2020, 138, 105657.	4.8	24
534	Synergistic interaction of diclofenac and its metabolites with selected antibiotics and amygdalin in wastewaters. <i>Environmental Research</i> , 2020, 186, 109511.	3.7	4
535	Degradation of diclofenac by Fe(II)-activated peracetic acid. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 105657.	1.2	22
536	Usage Patterns of Cosmetic and Personal Care Products among Female Population in Saudi Arabia: Important Factors for Exposure and Risk Assessment. <i>Journal of Environmental and Public Health</i> , 2020, 2020, 1-8.	0.4	17
537	Sale-based estimation of pharmaceutical concentrations and associated environmental risk in the Japanese wastewater system. <i>Environment International</i> , 2020, 139, 105690.	4.8	35
538	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
539	Synthesis of a carbon dots modified g-C ₃ N ₄ /SnO ₂ Z-scheme photocatalyst with superior photocatalytic activity for PPCPs degradation under visible light irradiation. <i>Journal of Hazardous Materials</i> , 2021, 401, 123257.	6.5	145
540	Fate and Transport of Subsurface Pollutants. <i>Microorganisms for Sustainability</i> , 2021, , .	0.4	6
541	Characterization of the GABAergic system in Asian clam <i>Corbicula fluminea</i> : Phylogenetic analysis, tissue distribution, and response to the aquatic contaminant carbamazepine. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 239, 108896.	1.3	5
542	Parabens enhance the calcium-dependent testicular mitochondrial permeability transition: Their relevance on the reproductive capacity in male animals. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22661.	1.4	4
543	Applying a novel advanced oxidation process of activated peracetic acid by CoFe ₂ O ₄ to efficiently degrade sulfamethoxazole. <i>Applied Catalysis B: Environmental</i> , 2021, 280, 119422.	10.8	145
544	Effective degradation of aqueous carbamazepine on a novel blue-colored TiO ₂ nanotube arrays membrane filter anode. <i>Journal of Hazardous Materials</i> , 2021, 402, 123530.	6.5	54
545	Risk assessment and investigation of landfill leachate as a source of emerging organic contaminants to the surrounding environment: a case study of the largest landfill in Jinan City, China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 18368-18381.	2.7	24
546	Predictive models for the degradation of 4 pharmaceutically active compounds in municipal wastewater effluents by the UV/H ₂ O ₂ process. <i>Chemosphere</i> , 2021, 263, 127944.	4.2	13

#	ARTICLE	IF	CITATIONS
547	Efficient degradation of sulfadiazine using magnetically recoverable MnFe ₂ O ₄ /γ-MnO ₂ hybrid as a heterogeneous catalyst of peroxymonosulfate. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 609, 125637.	2.3	42
548	Removal of pharmaceuticals and personal care products (PPCPs) and environmental estrogens (EEs) from water using positively charged hollow fiber nanofiltration membrane. <i>Environmental Science and Pollution Research</i> , 2021, 28, 8486-8497.	2.7	22
549	Iron-based metal organic framework MIL-88-A for the degradation of naproxen in water through persulfate activation. <i>Chemical Engineering Journal</i> , 2021, 405, 126701.	6.6	103
550	Enhanced visible light-driven photocatalytic activity of reduced graphene oxide/cadmium sulfide composite: Methylparaben degradation mechanism and toxicity. <i>Chemosphere</i> , 2021, 264, 128481.	4.2	35
551	Effects of polystyrene nanoplastics on <i>Ctenopharyngodon idella</i> (grass carp) after individual and combined exposure with zinc oxide nanoparticles. <i>Journal of Hazardous Materials</i> , 2021, 403, 123879.	6.5	73
552	Enhanced visible-light photocatalysis of clofibrac acid using graphitic carbon nitride modified by cerium oxide nanoparticles. <i>Journal of Hazardous Materials</i> , 2021, 405, 124204.	6.5	33
553	Anthropogenic disturbances on distribution and sources of pharmaceuticals and personal care products throughout the Jinsha River Basin, China. <i>Environmental Research</i> , 2021, 198, 110449.	3.7	27
554	Characterization of lower Phong river dissolved organic matters and formations of unknown chlorine dioxide and chlorine disinfection by-products by Orbitrap mass spectrometry. <i>Chemosphere</i> , 2021, 265, 128653.	4.2	26
555	Proteomic mechanisms for the combined stimulatory effects of glyphosate and antibiotic contaminants on <i>Microcystis aeruginosa</i> . <i>Chemosphere</i> , 2021, 267, 129244.	4.2	15
556	Recent analytical methods for risk assessment of emerging contaminants in ecosystems. , 2021, , 739-778.		4
557	Investigation on the steered adsorption of aspirin through a constructed electronic transport tunnel by incorporating Ti into graphene with DFT approach. <i>Applied Surface Science</i> , 2021, 541, 148420.	3.1	6
559	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
560	Simvastatin affects Nrf2/MAPK signaling pathway and hepatic histological structure change in <i>Gambusia affinis</i> . <i>Chemosphere</i> , 2021, 269, 128725.	4.2	8
561	An approach towards Zero-Waste wastewater technology: Fluoxetine adsorption on biochar and removal by the sulfate radical. <i>Chemosphere</i> , 2021, 268, 129318.	4.2	19
562	Antibiotics in the surface water of Shanghai, China: screening, distribution, and indicator selecting. <i>Environmental Science and Pollution Research</i> , 2021, 28, 9836-9848.	2.7	14
563	Identifying unknown antibiotics with persistent and bioaccumulative properties and ecological risk in river water in Beijing, China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 13515-13523.	2.7	7
564	Emerging organic contaminants and odorous compounds in secondary effluent wastewater: Identification and advanced treatment. <i>Journal of Hazardous Materials</i> , 2021, 408, 124817.	6.5	43
565	Degradation of tetracycline antibiotics by <i>Arthrobacter nicotianae</i> OTC-16. <i>Journal of Hazardous Materials</i> , 2021, 403, 123996.	6.5	71

#	ARTICLE	IF	CITATIONS
566	Biological Treatment of Pharmaceuticals and Personal Care Products (PPCPs) Before Discharging to Environment. <i>Microorganisms for Sustainability</i> , 2021, , 259-282.	0.4	4
567	Autopsy, thanatopraxy, cemeteries and crematoria as hotspots of toxic organic contaminants in the funeral industry continuum. <i>Science of the Total Environment</i> , 2021, 753, 141819.	3.9	30
568	Potentials and performance of biological processes for treatment of pharmaceuticals and personal care products in wastewater. , 2021, , 523-550.		1
569	Magnetically Recyclable Photocatalysts for Degradation of Organic Pollutants in Aquatic Environment. , 2021, , 365-382.		0
570	Sources and Impacts of Emerging Contaminants in Agroecosystems. <i>Sustainable Agriculture Reviews</i> , 2021, , 3-34.	0.6	2
571	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
572	Typical antibiotics in the receiving rivers of direct-discharge sources of sewage across Shanghai: occurrence and source analysis. <i>RSC Advances</i> , 2021, 11, 21579-21587.	1.7	11
573	Existence of Pharmaceuticals and Personal Care Products (PPCPs) in the Conventional Water Treatment Process. <i>Environmental Challenges and Solutions</i> , 2021, , 359-377.	0.5	0
574	Development of a pH-parallel approach of quantifying six-category pharmaceuticals in surface water using SPE-HPLC-MS/MS. <i>Watershed Ecology and the Environment</i> , 2021, 3, 1-16.	0.6	5
575	Photocatalytic Degradation of Organic, Inorganic and Microbial Pollutants Present in Water by Novel Materials: A Critical Review and Present Update. <i>Asian Journal of Chemistry</i> , 2021, 33, 2251-2259.	0.1	0
576	Removal of sodium diclofenac from aqueous solutions by rice hull biochar. <i>Biochar</i> , 2021, 3, 189-200.	6.2	22
577	Treatment of pharmaceutical and personal care products in wastewater. , 2021, , 451-474.		1
578	The present and future challenges in the development of multiresidue analytical methods for the determination of pharmaceuticals in seawater samples. , 2021, , 275-301.		0
579	Ecological and hydrochemical water properties of surface watercourses and aspects of inhabitant nosology in Dubna city. <i>E3S Web of Conferences</i> , 2021, 265, 06001.	0.2	0
580	The role of emerging organic contaminants in the development of antimicrobial resistance. <i>Emerging Contaminants</i> , 2021, 7, 160-171.	2.2	32
581	ZnO nanorods/Fe3O4-graphene oxide/metal-organic framework nanocomposite: recyclable and robust photocatalyst for degradation of pharmaceutical pollutants. <i>Environmental Science and Pollution Research</i> , 2021, 28, 21799-21811.	2.7	21
582	Occurrence of Pharmaceuticals and Personal Care Products, and Their Associated Environmental Risks in Groundwater of North China. <i>Advances in Environmental Protection</i> , 2021, 11, 261-272.	0.0	0
583	Presencia de productos farmacéuticos en el agua y su impacto en el ambiente. <i>Revista Bionatura</i> , 2021, 6, 1618-1627.	0.1	3

#	ARTICLE	IF	CITATIONS
584	Study on the remediation of tetracycline antibiotics and roxarsone contaminated soil. Environmental Pollution, 2021, 271, 116312.	3.7	19
585	Synthesis and applications of nano-sized zinc oxide in wastewater treatment: a review. International Journal of Environmental Science and Technology, 2021, 18, 3237-3256.	1.8	15
586	Ligational and biological studies of Fe(III), Co(II), Ni(II), Cu(II), and Zr(IV) complexes with carbamazepine as antiepileptic drug. Applied Organometallic Chemistry, 2021, 35, e6178.	1.7	13
587	Prevalence and hazardous impact of pharmaceutical and personal care products and antibiotics in environment: A review on emerging contaminants. Environmental Research, 2021, 194, 110664.	3.7	287
588	Nanophotocatalysis for the Removal of Pharmaceutical Residues from Water Bodies: State of Art and Recent Trends. Current Analytical Chemistry, 2021, 18, 288-308.	0.6	5
589	Identification of new eligible indicator organisms for combined sewer overflow via 16S rRNA gene amplicon sequencing in Kanda River, Tokyo. Journal of Environmental Management, 2021, 284, 112059.	3.8	10
590	Pharmaceutical and Personal Care Products in Different Matrices: Occurrence, Pathways, and Treatment Processes. Water (Switzerland), 2021, 13, 1159.	1.2	58
591	Emerging Organic Contaminants in Chinese Surface Water: Identification of Priority Pollutants. Engineering, 2022, 11, 111-125.	3.2	37
592	Removal of clarithromycin from aqueous solution using water/triton X-100/ ethanol/ olive oil green nanoemulsion method. Journal of Water Process Engineering, 2021, 40, 101973.	2.6	13
593	Application of Green Nanoemulsion for Elimination of Rifampicin from a Bulk Aqueous Solution. International Journal of Environmental Research and Public Health, 2021, 18, 5835.	1.2	11
594	Emerging contaminants adsorption by beads from chromium (III) tanned leather waste recovered gelatin. Journal of Molecular Liquids, 2021, 330, 115638.	2.3	20
595	Various Methods for Removal, Treatment, and Detection of Emerging Water Contaminants. , 0, , .		9
596	Effects of Antibiotics on Impacted Aquatic Environment Microorganisms. , 0, , .		0
597	Fast and efficient removal of caffeine from water using dielectric barrier discharge. Applied Water Science, 2021, 11, 1.	2.8	6
598	Modeling the fate and human health impacts of pharmaceuticals and personal care products in reclaimed wastewater irrigation for agriculture. Environmental Pollution, 2021, 276, 116532.	3.7	32
599	Capabilities and mechanisms of microalgae on removing micropollutants from wastewater: A review. Journal of Environmental Management, 2021, 285, 112149.	3.8	47
600	Toxicity of polystyrene nanoplastics and zinc oxide to mice. Chemosphere, 2021, 271, 129476.	4.2	57
601	Toxicological Study on Chiral Fluoxetine Exposure to Adult Zebrafish (<i>Danio rerio</i>): Enantioselective and Sexual Mechanism on Disruption of the Brain Serotonergic System. Environmental Science & Technology, 2021, 55, 7479-7490.	4.6	9

#	ARTICLE	IF	CITATIONS
602	Pharmaceuticals in two watersheds in Eastern China and their ecological risks. <i>Environmental Pollution</i> , 2021, 277, 116773.	3.7	33
603	What Water Professionals Should Know about Antibiotics and Antibiotic Resistance: An Overview. <i>ACS ES&T Water</i> , 2021, 1, 1334-1351.	2.3	37
604	Organic farming: Does it contribute to contaminant-free produce and ensure food safety?. <i>Science of the Total Environment</i> , 2021, 769, 145079.	3.9	36
605	Development of a novel 2D Ni-MOF derived NiO@C nanosheet arrays modified Ti/TiO ₂ NTs/PbO ₂ electrode for efficient electrochemical degradation of salicylic acid wastewater. <i>Separation and Purification Technology</i> , 2021, 263, 118368.	3.9	52
606	Global trends and prospects in the removal of pharmaceuticals and personal care products: A bibliometric analysis. <i>Journal of Water Process Engineering</i> , 2021, 41, 102004.	2.6	5
607	Utilization of Waste-Based Sorbents for Removal of Pharmaceuticals from Water: A Review. <i>Research Papers Faculty of Materials Science and Technology Slovak University of Technology in Trnava</i> , 2021, 29, 22-36.	0.4	3
608	Analysis of Antibiotic Resistance Genes, Environmental Factors, and Microbial Community From Aquaculture Farms in Five Provinces, China. <i>Frontiers in Microbiology</i> , 2021, 12, 679805.	1.5	22
609	Pharmaceuticals and personal care products (PPCPs) impact on enriched nitrifying cultures. <i>Environmental Science and Pollution Research</i> , 2021, 28, 60968-60980.	2.7	10
610	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
611	Risks to aquatic environments posed by 14 pharmaceuticals as illustrated by their effects on zebrafish behaviour. <i>Science of the Total Environment</i> , 2021, 771, 145450.	3.9	22
612	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
613	The use of non-target high-resolution mass spectrometry screening to detect the presence of antibiotic residues in urban streams of Greensboro North Carolina. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 1313-1321.	1.4	5
614	A review of metal organic framework (MOFs)-based materials for antibiotics removal via adsorption and photocatalysis. <i>Chemosphere</i> , 2021, 272, 129501.	4.2	293
615	Comparison of advanced biological treatment and nature-based solutions for the treatment of pharmaceutically active compounds (PhACs): A comprehensive study for wastewater and sewage sludge. <i>Science of the Total Environment</i> , 2021, 779, 146344.	3.9	24
616	Use of Electrocoagulation for Treatment of Pharmaceutical Compounds in Water/Wastewater: A Review Exploring Opportunities and Challenges. <i>Water (Switzerland)</i> , 2021, 13, 2105.	1.2	25
617	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
618	Pistachio (<i>Pistacia vera</i>) waste as adsorbent for wastewater treatment: a review. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 8793-8811.	2.9	24
619	Screening priority indicator pollutants in full-scale wastewater treatment plants by non-target analysis. <i>Journal of Hazardous Materials</i> , 2021, 414, 125490.	6.5	25

#	ARTICLE	IF	CITATIONS
620	Nanoadsorbents in focus for the remediation of environmentally-related contaminants with rising toxicity concerns. <i>Science of the Total Environment</i> , 2021, 779, 146465.	3.9	69
621	Removal of pefloxacin from wastewater by dielectric barrier discharge plasma: Mechanism and degradation pathways. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105720.	3.3	25
622	Photodegradation of fragrance materials and triclosan in water: Direct photolysis and photosensitized degradation. <i>Environmental Technology and Innovation</i> , 2021, 23, 101766.	3.0	14
623	Tuning band structure of graphitic carbon nitride for efficient degradation of sulfamethazine: Atmospheric condition and theoretical calculation. <i>Chinese Chemical Letters</i> , 2022, 33, 1385-1389.	4.8	32
624	ATR-FTIR and LC-Q-ToF-MS analysis of indoor dust from different micro-environments located in a tropical metropolitan area. <i>Science of the Total Environment</i> , 2021, 783, 147066.	3.9	8
625	Trace Detection and Quantitation of Antibiotics in a South African Stream Receiving Wastewater Effluents and Municipal Dumpsite Leachates. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	12
626	Covalent organic polymer derived carbon nanocapsule-supported cobalt as a catalyst for activating monopersulfate to degrade salicylic acid. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105377.	3.3	11
627	Removal of emerging micropollutants originating from pharmaceuticals and personal care products (PPCPs) in water and wastewater by advanced oxidation processes: A review. <i>Environmental Technology and Innovation</i> , 2021, 23, 101757.	3.0	102
628	Fabrication of NiCoP decorated TiO ₂ /polypyrrole nanocomposites for the effective photocatalytic degradation of tetracycline. <i>Chinese Chemical Letters</i> , 2022, 33, 2741-2746.	4.8	19
629	Ecotoxicological effects, environmental fate and risks of pharmaceutical and personal care products in the water environment: A review. <i>Science of the Total Environment</i> , 2021, 788, 147819.	3.9	161
630	Titanium Dioxide-Based Photocatalysts for Degradation of Emerging Contaminants including Pharmaceutical Pollutants. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8674.	1.3	34
631	Strong links between load and manure and a comprehensive risk assessment of veterinary antibiotics with low KOW in intensive livestock farming watersheds. <i>Chemosphere</i> , 2021, 279, 130902.	4.2	9
632	Adsorptive removal of PPCPs from aqueous solution using carbon-based composites: A review. <i>Chinese Chemical Letters</i> , 2022, 33, 3585-3593.	4.8	53
633	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
634	Modeling degradation kinetics of gemfibrozil and naproxen in the UV/chlorine system: Roles of reactive species and effects of water matrix. <i>Water Research</i> , 2021, 202, 117445.	5.3	24
635	Degradation of atenolol by CuFe ₂ O ₄ /visible light/oxidant: Effects of electron acceptors, synergistic effects, degradation pathways, and mechanism. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 418, 113425.	2.0	9
636	A permeable electrochemical reactive barrier for underground water remediation using TiO ₂ /graphite composites as heterogeneous electrocatalysts without releasing of chemical substances. <i>Journal of Hazardous Materials</i> , 2021, 418, 126318.	6.5	10
637	Abiotic transformation and ecotoxicity change of sulfonamide antibiotics in environmental and water treatment processes: A critical review. <i>Water Research</i> , 2021, 202, 117463.	5.3	81

#	ARTICLE	IF	CITATIONS
638	Microbial Degradation of Caffeine Using Himalayan Psychrotolerant Pseudomonas sp.GBPI_Hb5 (MCC) Tj ETQq0 0.0,rgBT /Oyerlock 10	1.0	2
639	Modified Single-Walled Carbon Nanotube Membranes for the Elimination of Antibiotics from Water. Membranes, 2021, 11, 720.	1.4	9
640	Zeolitic Imidazolate Frameworks (ZIFs) for aqueous phase adsorption – A review. Journal of Industrial and Engineering Chemistry, 2022, 105, 34-48.	2.9	60
641	Toxicity and removal of parabens from water: A critical review. Science of the Total Environment, 2021, 792, 148092.	3.9	52
642	Electrocoagulation technology for water purification: An update review on reactor design and some newly concerned pollutants removal. Journal of Environmental Management, 2021, 296, 113259.	3.8	41
643	Starch and powdered activated carbon amended alginate-biomass beads for metronidazole and bulk organic matter removal: Synthesis, optimization, reaction kinetics and reusability. Journal of Environmental Chemical Engineering, 2021, 9, 106102.	3.3	7
644	Endocrine-disrupting chemicals in a typical urbanized bay of Yellow Sea, China: Distribution, risk assessment, and identification of priority pollutants. Environmental Pollution, 2021, 287, 117588.	3.7	29
645	Occurrence of pharmaceuticals and personal care products in bottled water and assessment of the associated risks. Environment International, 2021, 155, 106651.	4.8	29
646	Mesoporous sulfur-doped CoFe ₂ O ₄ as a new Fenton catalyst for the highly efficient pollutants removal. Applied Catalysis B: Environmental, 2021, 295, 120273.	10.8	88
647	Oxidation of acetylsalicylic acid in water by UV/O ₃ process: Removal, byproduct analysis, and investigation of degradation mechanism and pathway. Journal of Environmental Chemical Engineering, 2021, 9, 106259.	3.3	7
648	Enhanced degradation of pharmaceuticals and personal care products (PPCPs) by three-dimensional electrocatalysis coupled biological aerated filter. Journal of Environmental Chemical Engineering, 2021, 9, 106035.	3.3	15
649	Hydro/solvothermally synthesized visible light driven modified SnO ₂ heterostructure as a photocatalyst for water remediation: A review. Environmental Advances, 2021, 5, 100081.	2.2	6
650	Effects of emerging pollutants on the occurrence and transfer of antibiotic resistance genes: A review. Journal of Hazardous Materials, 2021, 420, 126602.	6.5	92
651	Application of phytotechnology in alleviating pharmaceuticals and personal care products (PPCPs) in wastewater: Source, impacts, treatment, mechanisms, fate, and SWOT analysis. Journal of Cleaner Production, 2021, 319, 128584.	4.6	77
652	Structure-dependent degradation of pharmaceuticals and personal care products by electrocatalytic wet air oxidation: A study by computational and experimental approaches. Chemical Engineering Journal, 2021, 423, 130167.	6.6	6
653	Activation of Fenton reaction by controllable oxygen incorporation in MoS ₂ -Fe under visible light irradiation. Applied Surface Science, 2021, 566, 150674.	3.1	15
654	The possible oxidative stress and DNA damage induced in Diclofenac-exposed Non-target organisms in the aquatic environment: A systematic review. Ecological Indicators, 2021, 131, 108172.	2.6	15
655	Ibuprofen removal from aqueous solution via light-harvesting photocatalysis by nano-heterojunctions: A review. Separation and Purification Technology, 2021, 279, 119709.	3.9	38

#	ARTICLE	IF	CITATIONS
656	Heterogeneous activation of peroxymonosulfate by Co-doped Fe ₂ O ₃ nanospheres for degradation of p-hydroxybenzoic acid. <i>Journal of Colloid and Interface Science</i> , 2021, 604, 390-401.	5.0	43
657	Bi ₂ S ₃ nanorods and BiOI nanosheets co-modified BiOIO ₃ nanosheets: An efficient vis-light response photocatalysts for RhB degradation. <i>Journal of Alloys and Compounds</i> , 2021, 885, 160996.	2.8	19
658	Changes and release risk of typical pharmaceuticals and personal care products in sewage sludge during hydrothermal carbonization process. <i>Chemosphere</i> , 2021, 284, 131313.	4.2	9
659	Spatial and seasonal variations of endocrine disrupting compounds in water and sediment samples of Markman Canal and Swartkops River Estuary, South Africa and their ecological risk assessment. <i>Marine Pollution Bulletin</i> , 2021, 173, 113012.	2.3	5
660	Simultaneous hydrogen production and ibuprofen degradation by green synthesized Cu ₂ O/TNTAs photoanode. <i>Chemosphere</i> , 2021, 284, 131360.	4.2	15
661	Increasing oxytetracycline and enrofloxacin concentrations on the algal growth and sewage purification performance of an algal-bacterial consortia system. <i>Chemosphere</i> , 2022, 286, 131917.	4.2	20
662	Occurrence, source apportionment and risk assessment of antibiotics in water and sediment from the subtropical Beibu Gulf, South China. <i>Science of the Total Environment</i> , 2022, 806, 150439.	3.9	25
663	Electrochemical decomposition of PPCPs on hydrophobic Ti/SnO ₂ -Sb/La-PbO ₂ anodes: Relationship between surface hydrophobicity and decomposition performance. <i>Chemical Engineering Journal</i> , 2022, 429, 132309.	6.6	51
664	Occurrence and distribution of endocrine disrupting chemicals and pharmaceuticals in the river Bouregreg (Rabat, Morocco). <i>Chemosphere</i> , 2022, 287, 132202.	4.2	38
665	Magnetic Fe ₃ O ₄ /CeO ₂ /g-C ₃ N ₄ composites with a visible-light response as a high efficiency Fenton photocatalyst to synergistically degrade tetracycline. <i>Separation and Purification Technology</i> , 2021, 278, 119609.	3.9	39
666	An expected formation of TCNM from chlorination of bisphenol A with ultrasonic pretreatment: A new nitrogen source for N-DBP from N ₂ in air. <i>Chemical Engineering Journal</i> , 2022, 429, 132326.	6.6	9
667	Visible-light degradation of antibiotics catalyzed by titania/zirconia/graphitic carbon nitride ternary nanocomposites: a combined experimental and theoretical study. <i>Applied Catalysis B: Environmental</i> , 2022, 300, 120633.	10.8	82
668	Development of a metal-free black phosphorus/graphitic carbon nitride heterostructure for visible-light-driven degradation of indomethacin. <i>Science of the Total Environment</i> , 2022, 804, 150062.	3.9	15
669	Fabrication of new MIL-53(Fe)@TiO ₂ visible-light responsive adsorptive photocatalysts for efficient elimination of tetracycline. <i>Chemical Engineering Journal</i> , 2022, 428, 131077.	6.6	30
670	Sources, fate, and impact of pharmaceutical and personal care products in the environment and their different treatment technologies. , 2021, , 391-407.		3
671	Photocatalytic degradation of acetaminophen and caffeine using magnetite-hematite combined nanoparticles: kinetics and mechanisms. <i>Environmental Science and Pollution Research</i> , 2021, 28, 17228-17243.	2.7	15
672	Antibiotic exposure and potential risk of depression in the Chinese elderly: a biomonitoring-based population study. <i>Environmental Science and Pollution Research</i> , 2021, 28, 26794-26806.	2.7	15
673	Advances in the Bioremediation of Pharmaceuticals and Personal Care Products (PPCPs): Polluted Water and Soil. <i>Microorganisms for Sustainability</i> , 2021, , 323-358.	0.4	2

#	ARTICLE	IF	CITATIONS
674	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
675	Chronic ciprofloxacin and atrazine co-exposure aggravates locomotor and exploratory deficits in non-target detritivore speckled cockroach (<i>Nauphoeta cinerea</i>). <i>Environmental Science and Pollution Research</i> , 2021, 28, 25680-25691.	2.7	8
676	Pharmaceuticals and personal care products: occurrence, detection, risk, and removal technologies in aquatic environment. , 2021, , 265-284.		2
677	Occurrence and distribution of pharmaceuticals in surface water and sediment of Buffalo and Sundays River estuaries, South Africa and their ecological risk assessment. <i>Emerging Contaminants</i> , 2021, 7, 187-195.	2.2	13
678	Ecological and toxicological assessments of anthropogenic contaminants based on environmental metabolomics. <i>Environmental Science and Ecotechnology</i> , 2021, 5, 100081.	6.7	49
679	Types of Water Pollutants: Conventional and Emerging. <i>Advanced Functional Materials and Sensors</i> , 2020, , 21-41.	1.2	20
680	Advances in Plantâ€“Microbe-Based Remediation Approaches for Environmental Cleanup. <i>Microorganisms for Sustainability</i> , 2020, , 103-128.	0.4	3
681	Degradation of ibuprofen by UVA-LED/TiO ₂ /persulfate process: Kinetics, mechanism, water matrix effects, intermediates and energy consumption. <i>Chemical Engineering Journal</i> , 2020, 397, 125462.	6.6	65
682	A polymeric solid-phase microextraction fiber for the detection of pharmaceuticals in water samples. <i>Journal of Chromatography A</i> , 2020, 1623, 461171.	1.8	15
683	Critical review on the mechanistic photolytic and photocatalytic degradation of triclosan. <i>Journal of Environmental Management</i> , 2020, 260, 110101.	3.8	35
684	Influences of temperature on the retention of PPCPs by nanofiltration membranes: Experiments and modeling assessment. <i>Journal of Membrane Science</i> , 2020, 599, 117817.	4.1	45
685	The EMR-rural project: key techniques and devices development for rural environmental monitoring and remediation in China. <i>Environmental Sciences Europe</i> , 2020, 32, .	2.6	7
686	Biological Effects of Pharmaceuticals in Marine Environment. , 2017, , 317-349.		2
687	Estimation of Residual Antibiotics in Pharmaceutical Effluents and their Fate in Affected Areas. <i>Polish Journal of Environmental Studies</i> , 2016, 25, 607-614.	0.6	34
688	LogÃstica Reversa de medicamentos: estrutura no varejo farmacÃutico. <i>GEPROS: GestÃo Da ProduÃo, OperaÃes E Sistemas</i> , 2015, 10, 1.	0.0	3
689	Determination of Antibiotic Residues: II. Extraction and Clean-up Methods for Liquid Samples_A Review. <i>Journal of Korean Neuropsychiatric Association</i> , 2016, 32, 628-648.	0.2	1
690	Electrochemical remediation of industrial pharmaceutical wastewater containing hormones in a pilot scale treatment system. <i>Eletica Quimica</i> , 2019, 44, 40.	0.2	6
691	Ag as Cocatalyst and Electron-Hole Medium in CeO ₂ QDs/Ag/Ag ₂ Se Z-scheme Heterojunction Enhanced the Photo-Electrocatalytic Properties of the Photoelectrode. <i>Nanomaterials</i> , 2020, 10, 253.	1.9	17

#	ARTICLE	IF	CITATIONS
692	Engineered biochar from pine wood: Characterization and potential application for removal of sulfamethoxazole in water. <i>Environmental Engineering Research</i> , 2019, 24, 608-617.	1.5	30
693	Origin, fate, and risk assessment of emerging contaminants in groundwater bodies: a holistic review. <i>Emergent Materials</i> , 2021, 4, 1275-1294.	3.2	3
694	Green nanoemulsion (water/ethanol/triton X100/capmul MCM C8) to remove ciprofloxacin from a bulk aqueous solution. <i>Journal of Molecular Liquids</i> , 2022, 345, 117863.	2.3	1
695	Mechanism study of CoS ₂ /Fe(III)/peroxymonosulfate catalysis system: The vital role of sulfur vacancies. <i>Chemosphere</i> , 2022, 288, 132646.	4.2	33
696	Occurrence, spatial distribution, and fate of polycyclic musks in sediments from the catchment of Chaohu Lake, China. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 727.	1.3	3
697	Concentrations and Risk Assessments of Antibiotics in an Urban-Rural Complex Watershed with Intensive Livestock Farming. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10797.	1.2	3
698	Pharmaceuticals and personal care products in aquatic environments and their removal by algae-based systems. <i>Chemosphere</i> , 2022, 288, 132580.	4.2	42
699	Does Irrigation with Treated and Untreated Wastewater Increase Antimicrobial Resistance in Soil and Water: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11046.	1.2	12
700	Adsorption and fouling behaviors of customized nanocomposite membrane to trace pharmaceutically active compounds under multiple influent matrices. <i>Water Research</i> , 2021, 206, 117762.	5.3	11
701	Occurrence and distribution of pharmaceuticals and personal care products (PPCPs) detected in lakes around the world - A review. <i>Environmental Advances</i> , 2021, 6, 100131.	2.2	34
702	A highly efficient visible light driven Fenton catalyst Fe ^{II} -FeOOH/BiOI to degrade RhB. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106627.	3.3	10
703	An Insight into the Discovery of the Contamination of the Environment and Drinking Water by Pharmaceuticals. , 2014, , 11-20.		0
705	Determination of Veterinary Antibiotic Residues: III. Analytical Methods_A Review. <i>Journal of Korean Neuropsychiatric Association</i> , 2016, 32, 649-669.	0.2	1
706	Determination of Antibiotic Residues: I. Extraction and Clean-up Methods for Solid Samples_A Review. <i>Journal of Korean Neuropsychiatric Association</i> , 2016, 32, 600-627.	0.2	0
707	Biological Effects of Pharmaceuticals in Marine Environment. , 2017, , 317-349.		0
708	Impact of Five Organic UV Filters on the Multixenobiotic Resistance Mechanism of Human Embryonic Lung Fibroblasts. <i>DEStech Transactions on Environment Energy and Earth Science</i> , 2017, , .	0.0	0
709	Atıksu Arıtma Tesislerinde Mikro Kirlenmelerin Arıtılabilirliği. <i>Kahramanmaraş Sırtçınan Üniversitesi Mühendislik Bilimleri Dergisi</i> , 2019, 22, 58-77.	0.0	2
710	AN OVERVIEW ON USAGE OF NANOSCALE ZERO VALENT IRON FOR PHARMACEUTICALS ELIMINATION. <i>Eskişehir Teknik Üniversitesi Bilim Ve Teknoloji Dergisi B - Teorik Bilimler</i> , 2019, 7, 222-239.	0.0	1

#	ARTICLE	IF	CITATIONS
711	Fate of Micropollutants in Engineered and Natural Environment. Springer Transactions in Civil and Environmental Engineering, 2020, , 283-301.	0.3	11
712	Algal-based system for removal of emerging pollutants from wastewater: A review. Bioresource Technology, 2022, 344, 126245.	4.8	68
713	Groundwater treatments using nanomaterials. , 2020, , 25-49.		0
714	Molybdenum disulfide (MoS ₂) promoted sulfamethoxazole degradation in the Fe(III)/peracetic acid process. Separation and Purification Technology, 2022, 281, 119854.	3.9	27
715	Facile fabrication of melamine sponge@covalent organic framework composite for enhanced degradation of tetracycline under visible light. Chemical Engineering Journal, 2022, 430, 132817.	6.6	46
716	Lignin-derived biochar to support CoFe ₂ O ₄ : Effective activation of peracetic acid for sulfamethoxazole degradation. Chemical Engineering Journal, 2022, 430, 132868.	6.6	45
717	2Dâ€“2D ZnO/N doped g-C ₃ N ₄ composite photocatalyst for antibiotics degradation under visible light. RSC Advances, 2021, 11, 35663-35672.	1.7	12
718	Removal of Pharmaceuticals and Personal Care Products in Aquatic Environment by Membrane Technology. Environmental Chemistry for A Sustainable World, 2020, , 177-242.	0.3	0
719	Changes in antibiotic resistance genotypes and phenotypes after two typical sewage disposal processes. Chemosphere, 2022, 291, 132833.	4.2	8
720	Photo-Fenton degradation of carbamazepine and ibuprofen by iron-based metal-organic framework under alkaline condition. Journal of Hazardous Materials, 2022, 424, 127698.	6.5	18
721	Effect of exposure to antibiotics on the gut microbiome and biochemical indexes of pregnant women. BMJ Open Diabetes Research and Care, 2021, 9, e002321.	1.2	9
722	Impacts of COVID-19 pandemic on the aquatic environment associated with disinfection byproducts and pharmaceuticals. Science of the Total Environment, 2022, 811, 151409.	3.9	25
723	Removal behaviors of aerobic granular sludge on estrogens: Adsorption kinetics and removal mechanism. Journal of Water Process Engineering, 2021, 44, 102410.	2.6	7
724	Investigation of Possible Toxic Effects of Personal Care Products on Daphnia magna in the Kucukcekmece Lagoon, Marmara Sea (Turkey). Journal of Anatolian Environmental and Animal Sciences, 0, , .	0.2	2
725	Maternal exposure to environmental endocrine disruptors during pregnancy is associated with pediatric germ cell tumors. Nagoya Journal of Medical Science, 2020, 82, 323-333.	0.6	3
726	Monitoring and Management of Anions in Polluted Aqua Systems: Case Studies on Nitrate, Chromate, Perchnetate and Diclofenac. Environmental Contamination Remediation and Management, 2021, , 293-347.	0.5	0
727	Sewage sludge-derived biochar for the adsorptive removal of wastewater pollutants: A critical review. Environmental Pollution, 2022, 293, 118581.	3.7	94
728	Extraction of antibiotics identified in the EU Watch List 2020 from hospital wastewater using hydrophobic eutectic solvents and terpenoids. Separation and Purification Technology, 2022, 282, 120117.	3.9	17

#	ARTICLE	IF	CITATIONS
729	Degradation of diclofenac sodium by the UV/chlorine process: Reaction mechanism, influencing factors and toxicity evaluation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 425, 113667.	2.0	9
730	Bioelectrochemical technologies for removal of xenobiotics from wastewater. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 49, 101652.	1.7	15
731	Antibiotic tolerance and degradation capacity of the organic pollutant-degrading bacterium <i>Rhodococcus biphenylivorans</i> TC9T. <i>Journal of Hazardous Materials</i> , 2022, 424, 127712.	6.5	9
732	Two-Dimensional Nanomaterials for the Removal of Pharmaceuticals from Wastewater: A Critical Review. <i>Processes</i> , 2021, 9, 2160.	1.3	26
733	Hollow multi-shelled Co ₃ O ₄ as nanoreactors to activate peroxydisulfate for highly effective degradation of Carbamazepine: A novel strategy to reduce nano-catalyst agglomeration. <i>Journal of Hazardous Materials</i> , 2022, 427, 127890.	6.5	25
734	Application of data-driven machine learning to predict propranolol and trimethoprim removal using a managed aquifer recharge system. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 106847.	3.3	9
735	Ce-Fe bimetallic oxide derived from Prussian blue precursors presents enhanced photodegradation ability for tetracycline under visible light: Its controlled morphology and mechanism studies. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106739.	3.3	8
736	Animal gut microbiome mediates the effects of antibiotic pollution on an artificial freshwater system. <i>Journal of Hazardous Materials</i> , 2022, 425, 127968.	6.5	23
737	Adsorption of Pharmaceutical Contaminants from Aqueous Solutions Using N,O-Carboxymethyl Chitosan/Polyethylene Oxide (PEO) Electrospun Nanofibers. <i>Journal of Materials Science and Chemical Engineering</i> , 2021, 09, 15-38.	0.2	3
738	Comparison of Biological and Physicochemical Techniques for Treatment of Coffee Wastewater – A Comprehensive Review. <i>Chemistry in the Environment</i> , 2021, , 391-409.	0.2	1
739	Molecular imprinting produces high photoelectric effect facilitating the efficient photocatalytic degradation of salicylic acid by TiO ₂ . <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2022, 135, 529-537.	0.8	4
740	Occurrence and distribution of organic ultraviolet absorbents in sediments from small urban rivers, Tianjin, China: Implications for risk management. <i>Ecotoxicology and Environmental Safety</i> , 2022, 230, 113120.	2.9	4
741	Effects of reclaimed wastewater irrigation on soil-crop systems in China: A review. <i>Science of the Total Environment</i> , 2022, 813, 152531.	3.9	27
742	Monsoon dilutes the concurrence but increases the correlation of viruses and Pharmaceuticals and Personal Care Products (PPCPs) in the urban waters of Guwahati, India: The context of pandemic viruses. <i>Science of the Total Environment</i> , 2022, 813, 152282.	3.9	10
743	Insights into the spatiotemporal occurrence and mixture risk assessment of household and personal care products in the waters from rivers to Laizhou Bay, southern Bohai Sea. <i>Science of the Total Environment</i> , 2022, 810, 152290.	3.9	15
744	Insight into the adsorption and oxidation activity of a ZnO/piezoelectric quartz core-shell for enhanced decontamination of ibuprofen: Steric, energetic, and oxidation studies. <i>Chemical Engineering Journal</i> , 2022, 431, 134312.	6.6	46
745	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
746	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

#	ARTICLE	IF	CITATIONS
747	SnO-modified carbon derived from cigarette butts as a recycled material for enhanced removal of antibiotic phenacetin. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107164.	3.3	2
748	Determination of the pharmaceuticals' nano/microplastics in aquatic systems by analytical and instrumental methods. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 93.	1.3	11
749	A porous thienyl cyclodextrin polymer synthesized in a homogeneous ionic liquid catalytic system for the rapid removal of pharmaceuticals and personal care products (PPCPs). <i>Green Chemistry</i> , 2022, 24, 227-237.	4.6	8
750	Porous organic nanofiber polymers as superfast adsorbents for capturing pharmaceutical contaminants from water. <i>Environmental Science: Nano</i> , 2022, 9, 730-741.	2.2	6
751	Target and Suspect Screening of Pharmaceuticals and their Transformation Products in the Klip River, South Africa, using Ultra-High Performance Liquid Chromatography-Mass Spectrometry. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 437-447.	2.2	12
752	Pharmaceutical and personal care products in the environment: occurrence and impact on the functioning of the ecosystem. , 2022, , 137-157.		5
753	Antibiotics, antibiotic-resistant bacteria, and resistance genes in aquaculture: risks, current concern, and future thinking. <i>Environmental Science and Pollution Research</i> , 2022, 29, 11054-11075.	2.7	84
754	Superstructures with Atomic-Level Arranged Perovskite and Oxide Layers for Advanced Oxidation with an Enhanced Non-Free Radical Pathway. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 1899-1909.	3.2	59
755	A review on heterogeneous oxidation of acetaminophen based on micro and nanoparticles catalyzed by different activators. <i>Nanotechnology Reviews</i> , 2022, 11, 497-525.	2.6	8
756	Presence and distribution of selected pharmaceutical compounds in water and surface sediment of the Golden Horn Estuary, Sea of Marmara, Turkey. <i>Regional Studies in Marine Science</i> , 2022, 51, 102221.	0.4	1
757	Antibiotic removal and antibiotic resistance genes fate by regulating bioelectrochemical characteristics in microbial fuel cells. <i>Bioresource Technology</i> , 2022, 348, 126752.	4.8	15
758	Stable isotope probing reveals specific assimilating bacteria of refractory organic compounds in activated sludge. <i>Water Research</i> , 2022, 212, 118105.	5.3	6
759	Assessment of leachable and persistent dissolved organic carbon in sludges and biosolids from municipal wastewater treatment plants. <i>Journal of Environmental Management</i> , 2022, 307, 114565.	3.8	3
760	Persistence, environmental hazards, and mitigation of pharmaceutically active residual contaminants from water matrices. <i>Science of the Total Environment</i> , 2022, 821, 153329.	3.9	45
761	Efficiency of the bank filtration technique for diclofenac removal: A review. <i>Environmental Pollution</i> , 2022, 300, 118916.	3.7	11
762	Fingerprinting pharmaceuticals of multiple sources at a provincial watershed scale. <i>Science of the Total Environment</i> , 2022, 820, 153356.	3.9	3
763	Electrochemical sensing system for the analysis of emerging contaminants in aquatic environment: A review. <i>Chemosphere</i> , 2022, 294, 133779.	4.2	44
764	Policies and regulations for the emerging pollutants in freshwater ecosystems: Challenges and opportunities. , 2022, , 361-372.		6

#	ARTICLE	IF	CITATIONS
765	Pharmaceuticals and personal care products. , 2022, , 171-190.		2
766	Remediation of emerging pollutants through various wastewater treatment processes. , 2022, , 137-150.		2
767	Humic acid non-covalent functionalized multi-walled carbon nanotubes composite membrane and its application for the removal of organic dyes. Journal of Environmental Chemical Engineering, 2022, 10, 107320.	3.3	16
769	Understanding Iron-Cobalt Synergies in Zsm-5: Enhanced Peroxymonosulfate Activation and Organic Pollutant Degradation. SSRN Electronic Journal, 0, , .	0.4	0
770	New Insight into Peroxymonosulfate Activation by Coal-Ldh Derived Cooh: Oxygen Vacancies Rather than Co Species Redox Pairs Induced Process. SSRN Electronic Journal, 0, , .	0.4	0
771	Od/1d Co3o4 Quantum Dots/Surface Hydroxylated G-C3n4 Nanofibers Heterojunction with Enhanced Photocatalytic Removal of Pharmaceuticals and Personal Care Products. SSRN Electronic Journal, 0, , .	0.4	0
772	Understanding Iron-Cobalt Synergies in Zsm-5: Enhanced Peroxymonosulfate Activation and Organic Pollutant Degradation. SSRN Electronic Journal, 0, , .	0.4	0
773	Synthesis of mesoporous iron oxide nanoparticles for adsorptive removal of levofloxacin from aqueous solutions: Kinetics, isotherms, thermodynamics and mechanism. AEJ - Alexandria Engineering Journal, 2022, 61, 8457-8468.	3.4	29
774	Effect of Applied Electrical Stimuli to Interdigitated Electrode Sensors While Detecting 17 β -Ethinylestradiol in Water Samples. Chemosensors, 2022, 10, 114.	1.8	4
775	Toxicity and removal of pharmaceutical and personal care products: a laboratory scale study with tropical plants for treatment wetlands. Water Science and Technology, 2022, 85, 2240-2253.	1.2	3
776	Pharmaceuticals and personal care products (<sc>PPCPs</sc>): Environmental and public health risks. Environmental Progress and Sustainable Energy, 2022, 41, .	1.3	17
777	Simvastatin as an emerging pollutant on non-target aquatic invertebrates: effects on antioxidant-related genes in Daphnia magna. Environmental Science and Pollution Research, 2022, 29, 52248-52262.	2.7	1
778	Chronic toxicity of diclofenac, carbamazepine and their mixture to Daphnia magna: a comparative two-generational study. Environmental Science and Pollution Research, 2022, 29, 58963-58979.	2.7	6
779	Overview of non-steroidal anti-inflammatory drugs degradation by advanced oxidation processes. Journal of Cleaner Production, 2022, 346, 131226.	4.6	24
780	Nanoarchitectonics of vanadium carbide MXenes for separation and catalytic degradation of contaminants. Separation and Purification Technology, 2022, 292, 121032.	3.9	33
781	New insight into peroxymonosulfate activation by CoAl-LDH derived CoOOH: Oxygen vacancies rather than Co species redox pairs induced process. Chemical Engineering Journal, 2022, 442, 136251.	6.6	56
782	Transcriptomic mechanisms for the promotion of cyanobacterial growth against eukaryotic microalgae by a ternary antibiotic mixture. Environmental Science and Pollution Research, 2022, 29, 58881-58891.	2.7	8
783	Influence of physicochemical parameters on PPCP occurrences in the wetlands. Environmental Monitoring and Assessment, 2022, 194, 339.	1.3	11

#	ARTICLE	IF	CITATIONS
784	Environmental antibiotics exposure in school-age children in Shanghai and health risk assessment: A population-based representative investigation. <i>Science of the Total Environment</i> , 2022, 824, 153859.	3.9	15
785	Emerging organic contaminants in global community drinking water sources and supply: A review of occurrence, processes and remediation. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107560.	3.3	67
786	Exploring antibiotic consumption between urban and sub-urban catchments using both parent drugs and related metabolites in wastewater-based epidemiology. <i>Science of the Total Environment</i> , 2022, 827, 154171.	3.9	11
787	Comparative analysis of the removal and transformation of 10 typical pharmaceutical and personal care products in secondary treatment of sewage: A case study of two biological treatment processes. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107638.	3.3	13
788	Petal-like CuCo ₂ O ₄ spinel nanocatalyst with rich oxygen vacancies for efficient PMS activation to rapidly degrade pefloxacin. <i>Separation and Purification Technology</i> , 2022, 291, 120933.	3.9	43
789	Molecular interactions of polyvinyl chloride microplastics and beta-blockers (Diltiazem and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 <i>Hazardous Materials</i> , 2022, 431, 128609.	6.5	18
790	Detection of tetracycline antibiotics using fluorescent "Turn-off" sensor based on S, N-doped carbon quantum dots. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 274, 121033.	2.0	30
791	A short review of human exposure to antibiotics based on urinary biomonitoring. <i>Science of the Total Environment</i> , 2022, 830, 154775.	3.9	26
792	Thermal desorption behavior of fluoroquinolones in contaminated soil of livestock and poultry breeding. <i>Environmental Research</i> , 2022, 211, 113101.	3.7	7
793	Polarity Dependence of Transport of Pharmaceuticals and Personal Care Products Through Birnessite-Coated Porous Media. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	2
794	Sustainable and efficient removal of paraben, oxytetracycline and metronidazole using magnetic porous biochar composite prepared by one step pyrolysis. <i>Separation and Purification Technology</i> , 2022, 293, 121120.	3.9	18
797	Contamination of Prohibited Substances in Various Food Products in Guangzhou, China. <i>Biomedical and Environmental Sciences</i> , 2020, 33, 68-71.	0.2	1
798	Investigating the biological degradation of the drug β -blocker atenolol from wastewater using the SBR. <i>Biodegradation</i> , 2022, 33, 267-281.	1.5	10
799	In situ one-pot construction of MOF/hydrogel composite beads with enhanced wastewater treatment performance. <i>Separation and Purification Technology</i> , 2022, 295, 121225.	3.9	30
800	Enhanced removal of ibuprofen in water using dynamic dialysis of laccase catalysis. <i>Journal of Water Process Engineering</i> , 2022, 47, 102791.	2.6	4
801	Promotion of ciprofloxacin adsorption from contaminated solutions by oxalate modified nanoscale zerovalent iron particles. <i>Journal of Molecular Liquids</i> , 2022, 359, 119323.	2.3	39
802	Occurrence, distribution and risk of pharmaceutical and personal care products in the Haihe River sediments, China. <i>Chemosphere</i> , 2022, 302, 134874.	4.2	11
803	Pharmaceuticals and personal care products (PPCPs) in water, sediment and freshwater mollusks of the Dongting Lake downstream the Three Gorges Dam. <i>Chemosphere</i> , 2022, 301, 134721.	4.2	24

#	ARTICLE	IF	CITATIONS
804	Marine bacteria-mediated abiotic-biotic coupling degradation mechanism of ibuprofen. <i>Journal of Hazardous Materials</i> , 2022, 435, 128960.	6.5	11
805	Anatase quantum dots decorated silica/carbon lamellas for removal of antipsychotic drugs via adsorption-photocatalysis and toxicity evaluation. <i>Chemosphere</i> , 2022, 303, 134972.	4.2	9
806	Understanding the Iron-Cobalt Synergies in ZSM-5: Enhanced Peroxymonosulfate Activation and Organic Pollutant Degradation. <i>ACS Omega</i> , 2022, 7, 17811-17821.	1.6	9
809	Antibiotic exposure and risk of overweight/obesity in school children: A multicenter, case-control study from China. <i>Ecotoxicology and Environmental Safety</i> , 2022, 240, 113702.	2.9	9
810	Nature and Characteristics of Emerging Contaminants as a Triggering Factor for Selection of Different Configurations and Combinations of Constructed Wetlands: A Review. <i>Journal of Environmental Engineering, ASCE</i> , 2022, 148, .	0.7	10
811	Effects of environmental concentrations of the fragrance amyl salicylate on the mediterranean mussel <i>Mytilus galloprovincialis</i> . <i>Environmental Pollution</i> , 2022, 307, 119502.	3.7	4
812	Emerging Contaminants and High-Resolution Mass Spectrometry: A Review on Prioritization Strategies for Non-Target Analysis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
814	Removal of emerging organic micropollutants via modified-reverse osmosis/nanofiltration membranes: A review. <i>Chemosphere</i> , 2022, 305, 135151.	4.2	34
815	Molybdenum Modified Sol-Gel Synthesized TiO ₂ for the Photocatalytic Degradation of Carbamazepine under UV Irradiation. <i>Processes</i> , 2022, 10, 1113.	1.3	3
816	Microwave (MW)-assisted design of cobalt anchored 2D graphene-like carbon nanosheets (Co@GCNs) as peroxymonosulfate activator for tetracycline degradation and insight into the catalytic mechanism. <i>Separation and Purification Technology</i> , 2022, 295, 121358.	3.9	16
817	The Determination and Prediction of the Second-Order Rate Constants for Reactions between Excited Triplet-State Dom and Selected Ppcps. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
818	Evaluation of factors affecting tetracycline and diclofenac adsorption by agricultural soils using response surface methodology. <i>Environmental Progress and Sustainable Energy</i> , 2023, 42, .	1.3	3
819	Removal of tetracycline hydrochloride by Z-scheme heterojunction sono-catalyst acting on ultrasound/H ₂ O ₂ system. <i>Chemical Engineering Research and Design</i> , 2022, 165, 93-101.	2.7	13
820	In-situ radical graft modification of NF270 to improve membrane separation: Effects of water salinity and fouling types. <i>Environmental Technology and Innovation</i> , 2022, 27, 102758.	3.0	5
821	Antifungal Exposure and Resistance Development: Defining Minimal Selective Antifungal Concentrations and Testing Methodologies. <i>Frontiers in Fungal Biology</i> , 0, 3, .	0.9	8
822	Fe ₃ N nanoparticles embedded in N-doped porous magnetic graphene for peroxymonosulfate activation: Radical and nonradical mechanism. <i>Chemosphere</i> , 2022, 305, 135317.	4.2	10
823	Pharmaceutical and personal care products as emerging environmental contaminants in Nigeria: A systematic review. <i>Environmental Toxicology and Pharmacology</i> , 2022, 94, 103914.	2.0	5
824	A dataset of distribution of antibiotic occurrence in solid environmental matrices in China. <i>Scientific Data</i> , 2022, 9, .	2.4	11

#	ARTICLE	IF	CITATIONS
825	OD/1D Co3O4 quantum dots/surface hydroxylated g-C3N4 nanofibers heterojunction with enhanced photocatalytic removal of pharmaceuticals and personal care products. Separation and Purification Technology, 2022, 297, 121481.	3.9	9
826	2D/2D/2D CuO-MXene-OCN heterojunction with enhanced photocatalytic removal of pharmaceuticals and personal care products: Characterization, efficiency and mechanism. Journal of Alloys and Compounds, 2022, 919, 165873.	2.8	5
827	Regulating Defective Sites for Pharmaceuticals Selective Removal: Structure-Dependent Adsorption Over Continuously Tunable Pores. SSRN Electronic Journal, 0, , .	0.4	0
828	Electro-Enhanced Activation of Peroxymonosulfate by a Novel Perovskite-Doped Ti4o7 Anode with Ultra-High Efficiency and Low Energy Consumption: The Generation and Dominant Role of Singlet Oxygen. SSRN Electronic Journal, 0, , .	0.4	0
829	Sensitive and selective electrochemical determination of doxycycline in pharmaceutical formulations using poly(dipicrylamine) modified glassy carbon electrode. Sensing and Bio-Sensing Research, 2022, 37, 100507.	2.2	7
830	TiO2 based Photocatalysis membranes: An efficient strategy for pharmaceutical mineralization. Science of the Total Environment, 2022, 845, 157221.	3.9	30
831	Sand and sand-GAC filtration technologies in removing PPCPs: A review. Science of the Total Environment, 2022, 848, 157680.	3.9	9
833	Occurrence and risk assessment of triclosan in freshwater lakes in the middle Yangtze River basin (Wuhan, Central China). , 2022, 1, 100063.		3
834	Effective adsorption of diclofenac sodium from aqueous solution using cationic surfactant modified <i>Cuminum cyminum</i> agri-waste: kinetic, equilibrium, and thermodynamic studies. International Journal of Phytoremediation, 2023, 25, 840-850.	1.7	20
835	Competitive adsorption analysis of antibiotics removal from multi-component systems using chemically activated spent tea waste: effect of operational parameters, kinetics, and equilibrium study. Environmental Science and Pollution Research, 2023, 30, 42697-42712.	2.7	4
836	Nanocomposite Polymeric Membranes for Organic Micropollutant Removal: A Critical Review. ACS ES&T Engineering, 2022, 2, 1574-1598.	3.7	21
837	Influence of TiO2 nanocomposite UV filter surface chemistry and their interactions with organic UV filters on uptake and toxicity toward cultured fish gill cells. Ecotoxicology and Environmental Safety, 2022, 243, 113984.	2.9	5
838	Efficient ozone catalysis by manganese iron oxides/activated carbon for sulfamerazine degradation. Journal of Water Process Engineering, 2022, 49, 103050.	2.6	4
839	The environmental pollution caused by cemeteries and cremations: A review. Chemosphere, 2022, 307, 136025.	4.2	5
840	Contamination, transport, and ecological risks of pharmaceuticals and personal care products in a large irrigation region. Science of the Total Environment, 2022, 851, 158179.	3.9	5
841	Aerobic starvation treatment of activated sludge enhances the degradation efficiency of refractory organic compounds. Water Research, 2022, 224, 119069.	5.3	1
842	Efficient PPCPs degradation by self-assembly Ag/Ti3C2@BiPO4 activated peroxydisulfate with microwave irradiation: Enhanced adsorptive binding and radical generation. Chemical Engineering Journal, 2023, 452, 139298.	6.6	4
843	Source-specific ecological risks and critical source identification of PPCPs in surface water: Comparing urban and rural areas. Science of the Total Environment, 2023, 854, 158792.	3.9	9

#	ARTICLE	IF	CITATIONS
844	Regulating defective sites for pharmaceuticals selective removal: Structure-dependent adsorption over continuously tunable pores. <i>Journal of Hazardous Materials</i> , 2023, 442, 130025.	6.5	13
845	Modification of $W\text{O}_3$ Photoanode with Tunable NiFe-Ldhs Layer for Efficient Photoelectrocatalytic Removal of Tetracycline. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
846	Emerging environmental contaminants and drug-metabolizing enzymes. , 2022, , 109-124.		0
847	MIL88-A as a mediator for the degradation of sulfamethoxazole in PS systems: implication of solar irradiation for process improvement. <i>Environmental Science Advances</i> , 2022, 1, 797-813.	1.0	7
848	Occurrences and potential lipid-disrupting effects of phthalate metabolites in humpback dolphins from the South China Sea. <i>Journal of Hazardous Materials</i> , 2023, 441, 129939.	6.5	7
849	Linking emerging contaminants to production and consumption practices. <i>Wiley Interdisciplinary Reviews: Water</i> , 2023, 10, .	2.8	3
850	Cosmetic wastewater treatment technologies: a review. <i>Environmental Science and Pollution Research</i> , 2022, 29, 75223-75247.	2.7	13
851	Application Progress of O_3/PMS Advanced Oxidation Technology in the Treatment of Organic Pollutants in Drinking Water. <i>Sustainability</i> , 2022, 14, 11718.	1.6	2
852	Fate of Emerging Water Pollutants. , 2022, , 144-177.		0
853	Determination and Removal of Selected Pharmaceuticals and Total Organic Carbon from Surface Water by Aluminum Chlorohydrate Coagulant. <i>Molecules</i> , 2022, 27, 5740.	1.7	4
854	The Current Status and Prevention of Antibiotic Pollution in Groundwater in China. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 11256.	1.2	17
856	Designing and Fabricating a Vulcanized ZnAl LDH-Modified $g\text{-C}_3\text{N}_4$ Heterojunction for Enhanced Visible-Light-Driven Photocatalytic Degradation Activity. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 15225-15239.	1.8	11
857	Tuning heterostructures interface of $\text{Cu}_2\text{O}@\text{HKUST-1}$ for enhanced photocatalytic degradation of tetracycline hydrochloride. <i>Separation and Purification Technology</i> , 2022, 303, 122106.	3.9	20
858	Predictive modeling of pharmaceutical product removal by a managed aquifer recharge system: Comparison and optimization of models using ensemble learners. <i>Journal of Environmental Management</i> , 2022, 324, 116345.	3.8	7
859	Preparation of cobalt/hydrochar using the intrinsic features of rice hulls for dynamic carbamazepine degradation via efficient PMS activation. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108659.	3.3	12
860	Biological Treatment of Pharmaceuticals and Personal Care Products (PPCPs). , 2022, , 193-207.		0
861	Heterogeneous Activation of Persulfate by Activated Carbon for Efficient Acetaminophen Degradation: Mechanism, Kinetics, Mineralization, and Density Functional Theory. <i>ChemistrySelect</i> , 2022, 7, .	0.7	4
862	Solar-driven photocatalytic chlorine activation for the simultaneous degradation of pharmaceuticals and personal care products and the inactivation of <i>Escherichia coli</i> in drinking water. <i>Chemosphere</i> , 2023, 311, 137019.	4.2	3

#	ARTICLE	IF	CITATIONS
863	Treatability Studies on the Optimization of Ozone and Carbon Dosages for the Effective Removal of Contaminants from Secondary Treated Effluent. <i>Adsorption Science and Technology</i> , 2022, 2022, .	1.5	0
864	Review on research achievements of blackwater anaerobic digestion for enhanced resource recovery. <i>Environment, Development and Sustainability</i> , 2024, 26, 1-31.	2.7	5
865	Public health implications of endocrine disrupting chemicals in drinking water and aquatic food resources in Nigeria: A state-of-the-science review. <i>Science of the Total Environment</i> , 2023, 858, 159835.	3.9	4
866	Pharmaceuticals in water as emerging pollutants for river health: A critical review under Indian conditions. <i>Ecotoxicology and Environmental Safety</i> , 2022, 247, 114220.	2.9	29
867	Efficient peroxymonosulfate activation by biochar-based nanohybrids for the degradation of pharmaceutical and personal care products in aquatic environments. <i>Chemosphere</i> , 2023, 311, 137084.	4.2	8
868	Novel method in emerging environmental contaminants detection: Fiber optic sensors based on microfluidic chips. <i>Science of the Total Environment</i> , 2023, 857, 159563.	3.9	7
869	Characterization of benthic biofilms in mangrove sediments and their variation in response to nutrients and contaminants. <i>Science of the Total Environment</i> , 2023, 857, 159391.	3.9	4
870	Pollution level, distribution characteristics and risk assessment of psychotropic substances and their metabolites in surface water of Lakes Gaoyou, Baoying and Shaobo, Jiangsu Province. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2022, 34, 1993-2004.	0.3	0
871	Current research trends on emerging contaminants pharmaceutical and personal care products (PPCPs): A comprehensive review. <i>Science of the Total Environment</i> , 2023, 859, 160031.	3.9	81
872	Effects of wetland, tide, and season on benthic biofilms and related sediment properties in mangrove ecosystems. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	2
873	Removal of Pharmaceuticals and Personal Care Products (PPCPs) by Free Radicals in Advanced Oxidation Processes. <i>Materials</i> , 2022, 15, 8152.	1.3	11
874	Multi-omics methods reveal that putrescine and cadaverine cause different degrees of enrichment of high-risk resistomes and opportunistic pathogens in the water and sediment of the Yellow River. <i>Environmental Research</i> , 2023, 219, 115069.	3.7	1
875	Superior methylparaben removal by anaerobic fluidized bed ceramic membrane bioreactor with PVDF tubular fluidized biocarrier: Reactor performance and microbial community. <i>Journal of Environmental Chemical Engineering</i> , 2023, 11, 109153.	3.3	4
876	Full-scale anaerobic digestion of sewage sludges: Fate evaluation of pharmaceuticals and main metabolites. <i>Journal of Water Process Engineering</i> , 2023, 51, 103366.	2.6	5
877	The insight into the synergistic effect between goethite and birnessite on the degradation of tetracycline. <i>Solid State Sciences</i> , 2023, 136, 107084.	1.5	0
878	Peroxymonosulfate activation by nitrogen-doped herb residue biochar for the degradation of tetracycline. <i>Journal of Environmental Management</i> , 2023, 328, 117028.	3.8	15
879	Feasibility of using carbon fiber, graphite, and their modified versions by PbO ₂ as electrodes in electrochemical oxidation of phenolic wastewater. <i>AIP Conference Proceedings</i> , 2022, , .	0.3	0
880	Cosmetic Preservatives: Hazardous Micropollutants in Need of Greater Attention?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14495.	1.8	10

#	ARTICLE	IF	CITATIONS
881	Presence of Some Commonly used Pharmaceutical Residues in Seawater and Net Plankton: a Case Study of Spitsbergen, Svalbard Archipelago. <i>International Journal of Environment and Geoinformatics</i> , 2022, 9, 1-10.	0.5	1
882	Plant uptake of personal care products and biochar-assisted immobilization in soil: an appraisal. <i>Journal of Soils and Sediments</i> , 0, , .	1.5	0
883	Occurrence, potential sources, and risk assessment of pharmaceuticals and personal care products in atmospheric particulate matter in Hanoi, Vietnam. <i>Environmental Science and Pollution Research</i> , 2023, 30, 34814-34826.	2.7	2
884	Oxidative degradation of sulfamethazine in aqueous solution by the activation of Na ₂ S ₂ O ₈ over vinasse-derived N,S-codoped mesoporous carbon. <i>Water and Environment Journal</i> , 0, , .	1.0	0
885	Synergistic Combination of Graphitic Carbon Nitride and Peroxymonosulfate for Efficient Photocatalytic Destruction of Emerging Contaminants under Simulated Solar Irradiation. <i>ACS ES&T Water</i> , 2023, 3, 6-15.	2.3	2
886	The occurrence, fate, toxicity, and biodegradation of phthalate esters: An overview. <i>Water Environment Research</i> , 2023, 95, .	1.3	10
887	Effects of Nanopore Size on the Adsorption of Sulfamerazine from Aqueous Solution by γ -Ketoenamine Covalent Organic Frameworks. <i>ACS Applied Nano Materials</i> , 2022, 5, 17851-17858.	2.4	5
888	Comprehensive profiling of the distribution, risks and priority of pharmaceuticals and personal care products: A large-scale study from rivers to coastal seas. <i>Water Research</i> , 2023, 230, 119591.	5.3	18
889	Radiolabelling and in vivo radionuclide imaging tracking of emerging pollutants in environmental toxicology: A review. <i>Science of the Total Environment</i> , 2023, 866, 161412.	3.9	7
890	Selective enrichment, identification, and isolation of diclofenac, ibuprofen, and carbamazepine degrading bacteria from a groundwater biofilm. <i>Environmental Science and Pollution Research</i> , 2023, 30, 44518-44535.	2.7	6
891	Dispersed cobalt embedded nitrogen-rich carbon framework activates peroxydisulfate for carbamazepine degradation: cobalt leaching restriction and mechanism investigation. <i>Chemosphere</i> , 2023, 321, 138026.	4.2	7
892	Membrane-based treatment of wastewater generated in pharmaceutical and textile industries for a sustainable environment. , 2023, , 87-109.		1
894	Consequences of pharmaceutically active compounds and their removal strategies. , 2023, , 269-300.		0
895	Antibiotics as contaminants of aquatic ecosystems: antibiotic-resistant genes and antibiotic-resistant bacteria. , 2023, , 143-157.		2
896	Analytical Determination of Cephalosporin Antibiotics Using Coordination Polymer Based on Cobalt Terephthalate as a Sorbent. <i>Polymers</i> , 2023, 15, 548.	2.0	2
897	Editorial: Pharmaceuticals, personal care products and endocrine disrupting chemicals: The physiological consequences of exposure to pollutants in aquatic animals. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	6
898	Enhanced Adsorption and Evaluation of Tetracycline Removal in an Aquatic System by Modified Silica Nanotubes. <i>ACS Omega</i> , 2023, 8, 6762-6777.	1.6	5
899	Keystone microbial taxa organize micropollutant-related modules shaping the microbial community structure in estuarine sediments. <i>Journal of Hazardous Materials</i> , 2023, 448, 130858.	6.5	8

#	ARTICLE	IF	CITATIONS
900	Occurrence and spatial distribution of pharmaceuticals and personal care products (PPCPs) in the aquatic environment, their characteristics, and adopted legislations. <i>Journal of Water Process Engineering</i> , 2023, 52, 103490.	2.6	36
901	Catalytic ozonation of atenolol by Mn-Ce@Al ₂ O ₃ catalysts: Efficiency, mechanism and degradation pathways. <i>Journal of Environmental Chemical Engineering</i> , 2023, 11, 109444.	3.3	3
902	Occurrence and Removal of Pharmaceutical Contaminants in Urine: A Review. <i>Water (Switzerland)</i> , 2023, 15, 1517.	1.2	3
903	Sonochemical advanced oxidation process for the degradation of furosemide in water: Effects of sonication's conditions and scavengers. <i>Ultrasonics Sonochemistry</i> , 2023, 95, 106361.	3.8	7
904	Construction of Fe ₃ S ₄ /g-C ₃ N ₄ composites as photo-Fenton-like catalysts to realize high-efficiency degradation of pollutants. <i>Ceramics International</i> , 2023, 49, 16070-16079.	2.3	9
905	Catalytic degradation of pharmaceutical and personal care products in aqueous solution by persulfate activated with nanoscale FeCoNi-ternary mixed metal oxides. <i>Separation and Purification Technology</i> , 2023, 314, 123585.	3.9	9
906	Modification of WO ₃ photoanode with NiFe-LDHs nanosheets array for efficient Photoelectrocatalytic removal of tetracycline. <i>Applied Surface Science</i> , 2023, 622, 156977.	3.1	6
907	Novel covalently bound organic silicon-ferum hybrid coagulant with excellent coagulation performance and bacteriostatic ability. <i>Separation and Purification Technology</i> , 2023, 315, 123695.	3.9	4
908	Preferences for medicines with different environmental impact – A Swedish population-based study. <i>Environmental Advances</i> , 2023, 12, 100358.	2.2	2
909	The determination and prediction of the apparent reaction rates between excited triplet-state DOM and selected PPCPs. <i>Science of the Total Environment</i> , 2023, 881, 163117.	3.9	2
910	Synthesis and ciprofloxacin adsorption of Gum Ghatti /Konjac Glucomannan/Zif-8 composite aerogel. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2023, 664, 131196.	2.3	0
911	Efficient removal of antibiotic ciprofloxacin by catalytic wet air oxidation using sewage sludge-based catalysts: Degradation mechanism by DFT studies. <i>Journal of Environmental Chemical Engineering</i> , 2023, 11, 109344.	3.3	13
912	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
913	Electro-enhanced activation of peroxymonosulfate by a novel perovskite-Ti ₄ O ₇ composite anode with ultra-high efficiency and low energy consumption: The generation and dominant role of singlet oxygen. <i>Water Research</i> , 2023, 232, 119682.	5.3	27
914	Facile synthesis of Fe-doped Zn-based coordination polymer composite with enhanced visible-light-driven activity for degradation of multiple antibiotics. <i>Separation and Purification Technology</i> , 2023, 311, 123337.	3.9	4
915	Enzyme-Linked Metal Organic Frameworks for Biocatalytic Degradation of Antibiotics. <i>Catalysis Letters</i> , 2024, 154, 81-93.	1.4	3
916	The Emergence of Antibiotics Resistance Genes, Bacteria, and Micropollutants in Grey Wastewater. <i>Applied Sciences (Switzerland)</i> , 2023, 13, 2322.	1.3	1
917	An overview of recent progress in membrane-based treatment for pharmaceutical wastewaters. , 2023, , 311-328.		0

#	ARTICLE	IF	CITATIONS
918	Impact of environmental pollutants on agriculture and food system. , 2023, , 133-151.		1
919	Applications of biochar in sulfate radical-based advanced oxidation processes for the removal of pharmaceuticals and personal care products. <i>Water Science and Technology</i> , 2023, 87, 1329-1348.	1.2	8
920	Assessing the Effect of a Newly Implemented Basic Wastewater Discharge Standard on the Concentrations of Pharmaceutical and Personal Care Products in the Daqing River Basin, China. <i>Water (Switzerland)</i> , 2023, 15, 1151.	1.2	2
921	Effective degradation of tetracycline via recyclable free-standing three-dimensional copper-based graphene as a persulfate catalyst. <i>Environmental Science and Pollution Research</i> , 2023, 30, 62410-62421.	2.7	2
922	Simultaneous determination of fourteen pharmaceuticals in sewage sludge using online solid-phase extraction-liquid chromatography-tandem mass spectrometry combined with accelerated solvent extraction. <i>Environmental Science and Pollution Research</i> , 2023, 30, 62522-62531.	2.7	2
923	Current applications and future impact of machine learning in emerging contaminants: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2023, 53, 1817-1835.	6.6	5
924	Medical Household Waste as a Potential Environmental Hazard: An Ecological and Epidemiological Approach. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 5366.	1.2	2
925	Photocatalytic Degradation of Diclofenac by Nitrogen-Doped Carbon Quantum Dot-Graphitic Carbon Nitride (CNQD). <i>Catalysts</i> , 2023, 13, 735.	1.6	3
926	Advancements in the dominion of fate and transport of pharmaceuticals and personal care products in the environment—a bibliometric study. <i>Environmental Science and Pollution Research</i> , 2023, 30, 64313-64341.	2.7	2
929	Fungal Bioremediation of Pollutants. , 2023, , 181-237.		0
932	Technologies for Remediation of Polluted Environments: Between Classic Processes and the Challenges of New Approaches. <i>Lecture Notes in Networks and Systems</i> , 2023, , 205-219.	0.5	0
942	Other Important Marine Pollutants. <i>Springer Textbooks in Earth Sciences, Geography and Environment</i> , 2023, , 261-283.	0.1	0
953	Domestic pharmaceutical and personal care products waste: are we wise enough to deal with it?. , 2023, , 63-80.		0
956	Techniques in removal of organics and emerging contaminants from wastewater for water reuse application. , 2023, , 73-96.		1
961	Water pollution by personal care products. , 2023, , 115-137.		0
963	Recent progress in optical nanosensors for antibiotics detection. <i>Applied Nanoscience (Switzerland)</i> , 2023, 13, 6519-6538.	1.6	1
966	Adsorption of Sulfamethoxazole by Dried Biomass of Activated Sludge Collected from Biological Nutrient Removal (BNR) Systems. <i>Lecture Notes in Civil Engineering</i> , 2023, , 1007-1018.	0.3	0
975	Nanomaterials: A Double-edged Sword as Pollution Busters or Pollutants?. , 2023, , 29-62.		0

#	ARTICLE	IF	CITATIONS
976	New Trends in Biocharâ€“Mineral Composites. <i>Materials Horizons</i> , 2023, , 169-184.	0.3	0
993	Xenobiotics in the Urban Water Cycle. , 2023, , 27-50.		0
996	ZnO nanostructured matrix as nexus catalysts for the removal of emerging pollutants. <i>Environmental Science and Pollution Research</i> , 2023, 30, 114779-114821.	2.7	0
1002	Plant-Based Technologies for the Removal of Pharmaceutical and Personal Care Product (PPCP) in Soil. , 2023, , 27-48.		0
1009	Food Chain Contamination and Impact of Xenobiotics on Human Health. , 2023, , 109-129.		0
1014	The Threat of Methicillin Resistant <i>Staphylococcus aureus</i> (MRSA) in the Aquatic Environment via Wastewater Generated from Healthcare Facilities. <i>Infectious Diseases</i> , 0, ,	4.0	0
1022	Emerging pollutants in the aqueous solution. , 2024, , 1-11.		0
1024	Metal organic framework adsorbents for the removal of emerging pollutants and their adsorption mechanisms. , 2024, , 111-135.		0
1026	Nanotechnology in wastewater management. , 2024, , 373-399.		0
1027	Challenges and remediation of emerging organic pollutants from water. , 2024, , 237-247.		0
1033	MXene-based hybrid nanomaterials for the removal of pharmaceutical-based pollutants. , 2024, , 129-141.		0
1046	Fate and PPCPs transport to agricultural soils receiving reused water. , 2024, , 33-54.		0
1047	Omics insight into the bacterial PPCPs removal mechanisms. , 2024, , 199-221.		0
1048	Efficiency of conventional wastewater treatment technologies for removal of PPCPs. , 2024, , 81-98.		0
1049	Occurrence and fate of personal care products and pharmaceuticals in sewage sludge. , 2024, , 87-104.		0