Guang-Guo Ying

List of Publications by Year
in descending order

358 papers	30,027 citations	3531 90 h-index	6300 158 g-index
363 all docs	363 docs citations	363 times ranked	19869 citing authors

#	Article	IF	Citations
1	Comprehensive Evaluation of Antibiotics Emission and Fate in the River Basins of China: Source Analysis, Multimedia Modeling, and Linkage to Bacterial Resistance. Environmental Science & Technology, 2015, 49, 6772-6782.	10.0	2,897
2	Review of antibiotic resistance in China and its environment. Environment International, 2018, 110, 160-172.	10.0	1,043
3	Environmental fate of alkylphenols and alkylphenol ethoxylatesâ€”a review. Environment International, 2002, 28, 215-226.	10.0	946
4	Fate, behavior and effects of surfactants and their degradation products in the environment. Environment International, 2006, 32, 417-431.	10.0	759
5	Occurrence and fate of hormone steroids in the environment. Environment International, 2002, 28, 545-551.	10.0	589
6	Pharmaceutical pollution of the worldâ€™s rivers. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	495
7	Effects of six selected antibiotics on plant growth and soil microbial and enzymatic activities. Environmental Pollution, 2009, 157, 1636-1642.	7.5	396
8	Occurrence and fate of eleven classes of antibiotics in two typical wastewater treatment plants in South China. Science of the Total Environment, 2013, 452-453, 365-376.	8.0	385
9	Trends in the occurrence of human and veterinary antibiotics in the sediments of the Yellow River, Hai River and Liao River in northern China. Environmental Pollution, 2011, 159, 1877-1885.	7.5	379
10	Growthâ€inhibiting effects of 12 antibacterial agents and their mixtures on the freshwater microalga Pseudokirchneriella subcapitata. Environmental Toxicology and Chemistry, 2008, 27, 1201-1208.	4.3	372
11	Excretion masses and environmental occurrence of antibiotics in typical swine and dairy cattle farms in China. Science of the Total Environment, 2013, 444, 183-195.	8.0	343
12	Reduced plant uptake of pesticides with biochar additions to soil. Chemosphere, 2009, 76, 665-671.	8.2	332
13	Biological degradation of triclocarban and triclosan in a soil under aerobic and anaerobic conditions and comparison with environmental fate modelling. Environmental Pollution, 2007, 150, 300-305.	7.5	312
14	Triclosan in wastewaters and biosolids from Australian wastewater treatment plants. Environment International, 2007, 33, 199-205.	10.0	288
15	Sorption and degradation of selected five endocrine disrupting chemicals in aquifer material. Water Research, 2003, 37, 3785-3791.	11.3	284
16	Trace analysis of 28 steroids in surface water, wastewater and sludge samples by rapid resolution liquid chromatographyâ€“electrospray ionization tandem mass spectrometry. Journal of Chromatography A, 2011, 1218, 1367-1378.	3.7	281
17	Simultaneous determination of human and veterinary antibiotics in various environmental matrices by rapid resolution liquid chromatographyâ€“electrospray ionization tandem mass spectrometry. Journal of Chromatography A, 2012, 1244, 123-138.	3.7	279
18	Discharge of swine wastes risks water quality and food safety: Antibiotics and antibiotic resistance genes from swine sources to the receiving environments. Environment International, 2016, 92-93, 210-219.	10.0	267

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19	Determination of phenolic endocrine disrupting chemicals and acidic pharmaceuticals in surface water of the Pearl Rivers in South China by gas chromatographyâ€“negative chemical ionizationâ€“mass spectrometry. Science of the Total Environment, 2009, 407, 962-974.	8.0	260
20	Antibiotic Residues in Food: Extraction, Analysis, and Human Health Concerns. Journal of Agricultural and Food Chemistry, 2019, 67, 7569-7586.	5.2	258
21	Antibiotics in typical marine aquaculture farms surrounding Hailing Island, South China: Occurrence, bioaccumulation and human dietary exposure. Marine Pollution Bulletin, 2015, 90, 181-187.	5.0	252
22	Occurrence and risks of triclosan and triclocarban in the Pearl River system, South China: From source to the receiving environment. Journal of Hazardous Materials, 2010, 179, 215-222.	12.4	249
23	Simultaneous determination of four classes of antibiotics in sediments of the Pearl Rivers using RRLCâ€“MS/MS. Science of the Total Environment, 2010, 408, 3424-3432.	8.0	233
24	Removal of selected endocrine disrupting chemicals (EDCs) and pharmaceuticals and personal care products (PPCPs) during ferrate(VI) treatment of secondary wastewater effluents. Water Research, 2012, 46, 2194-2204.	11.3	227
25	Persistence of antibiotic resistance genes and bacterial community changes in drinking water treatment system: From drinking water source to tap water. Science of the Total Environment, 2018, 616-617, 453-461.	8.0	224
26	Sorption and Desorption Behaviors of Diuron in Soils Amended with Charcoal. Journal of Agricultural and Food Chemistry, 2006, 54, 8545-8550.	5.2	221
27	Simultaneous determination and assessment of 4-nonylphenol, bisphenol A and triclosan in tap water, bottled water and baby bottles. Environment International, 2010, 36, 557-562.	10.0	219
28	Dissemination of Antibiotic Resistance Genes in Representative Broiler Feedlots Environments: Identification of Indicator ARGs and Correlations with Environmental Variables. Environmental Science & Technology, 2014, 48, 13120-13129.	10.0	219
29	Removal of antibiotics and antibiotic resistance genes from domestic sewage by constructed wetlands: Optimization of wetland substrates and hydraulic loading. Science of the Total Environment, 2016, 565, 240-248.	8.0	217
30	Distribution and accumulation of endocrine-disrupting chemicals and pharmaceuticals in wastewater irrigated soils in Hebei, China. Environmental Pollution, 2011, 159, 1490-1498.	7.5	210
31	Occurrence and removal of benzotriazoles and ultraviolet filters in a municipal wastewater treatment plant. Environmental Pollution, 2012, 165, 225-232.	7.5	204
32	Degradation of Five Selected Endocrine-Disrupting Chemicals in Seawater and Marine Sediment. Environmental Science & Technology, 2003, 37, 1256-1260.	10.0	202
33	SORPTION AND DEGRADATION OF ESTROGEN-LIKE-ENDOCRINE DISRUPTING CHEMICALS IN SOIL. Environmental Toxicology and Chemistry, 2005, 24, 2640.	4.3	191
34	Influence of Biochars on Plant Uptake and Dissipation of Two Pesticides in an Agricultural Soil. Journal of Agricultural and Food Chemistry, 2010, 58, 7915-7921.	5.2	181
35	Spatial and seasonal distribution of selected antibiotics in surface waters of the Pearl Rivers, China. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2011, 46, 272-280.	1.5	176
36	Evaluation of triclosan and triclocarban at river basin scale using monitoring and modeling tools: Implications for controlling of urban domestic sewage discharge. Water Research, 2013, 47, 395-405.	11.3	171

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37	Removal of antibiotics from piggery wastewater by biological aerated filter system: Treatment efficiency and biodegradation kinetics. Bioresource Technology, 2017, 238, 70-77.	9.6	167
38	Occurrence, fate and ecological risk of five typical azole fungicides as therapeutic and personal care products in the environment: A review. Environment International, 2015, 84, 142-153.	10.0	166
39	Biotransformation of progesterone and norgestrel by two freshwater microalgae (Scenedesmus) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Chemosphere, 2014, 95, 581-588.	8.2	165
40	Class 1 and 2 integrons, sul resistance genes and antibiotic resistance in Escherichia coli isolated from Dongjiang River, South China. Environmental Pollution, 2012, 169, 42-49.	7.5	164
41	Removal of antibiotics and antibiotic resistance genes from domestic sewage by constructed wetlands: Effect of flow configuration and plant species. Science of the Total Environment, 2016, 571, 974-982.	8.0	164
42	4-Nonylphenol, bisphenol-A and triclosan levels in human urine of children and students in China, and the effects of drinking these bottled materials on the levels. Environment International, 2013, 52, 81-86.	10.0	161
43	Perfluoroalkyl substances (PFASs) in wastewater treatment plants and drinking water treatment plants: Removal efficiency and exposure risk. Water Research, 2016, 106, 562-570.	11.3	161
44	Tissue distribution, bioaccumulation characteristics and health risk of antibiotics in cultured fish from a typical aquaculture area. Journal of Hazardous Materials, 2018, 343, 140-148.	12.4	160
45	Occurrence and risk assessment of acidic pharmaceuticals in the Yellow River, Hai River and Liao River of north China. Science of the Total Environment, 2010, 408, 3139-3147.	8.0	157
46	Veterinary antibiotics in food, drinking water, and the urine of preschool children in Hong Kong. Environment International, 2017, 108, 246-252.	10.0	155
47	Detection of antibiotic resistance and tetracycline resistance genes in Enterobacteriaceae isolated from the Pearl rivers in South China. Environmental Pollution, 2010, 158, 2101-2109.	7.5	151
48	Tissue-specific bioaccumulation of human and veterinary antibiotics in bile, plasma, liver and muscle tissues of wild fish from a highly urbanized region. Environmental Pollution, 2015, 198, 15-24.	7.5	151
49	Comparisons of pollution characteristics, emission situations, and mass loads for heavy metals in the manures of different livestock and poultry in China. Science of the Total Environment, 2020, 734, 139023.	8.0	147
50	Assessing estrogenic activity in surface water and sediment of the Liao River system in northeast China using combined chemical and biological tools. Environmental Pollution, 2011, 159, 148-156.	7.5	146
51	Evidence and Recommendations to Support the Use of a Novel Passive Water Sampler to Quantify Antibiotics in Wastewaters. Environmental Science & Technology, 2013, 47, 13587-13593.	10.0	146
52	Occurrence, distribution and seasonal variation of five neonicotinoid insecticides in surface water and sediment of the Pearl Rivers, South China. Chemosphere, 2019, 217, 437-446.	8.2	146
53	Occurrence and a screeningâ€level risk assessment of human pharmaceuticals in the Pearl River system, South China. Environmental Toxicology and Chemistry, 2010, 29, 1377-1384.	4.3	142
54	Biodegradation of three selected benzotriazoles under aerobic and anaerobic conditions. Water Research, 2011, 45, 5005-5014.	11.3	141

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55	Determination of biocides in different environmental matrices by use of ultra-high-performance liquid chromatographyâ€“tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2012, 404, 3175-3188.	3.7	141
56	Steroids in a typical swine farm and their release into the environment. Water Research, 2012, 46, 3754-3768.	11.3	139
57	Occurrence and removal of pharmaceutically active compounds in sewage treatment plants with different technologies. Journal of Environmental Monitoring, 2009, 11, 1498.	2.1	137
58	Suitability of pharmaceuticals and personal care products (PPCPs) and artificial sweeteners (ASs) as wastewater indicators in the Pearl River Delta, South China. Science of the Total Environment, 2017, 590-591, 611-619.	8.0	137
59	Pharmaceuticals and personal care products (PPCPs) and artificial sweeteners (ASs) in surface and ground waters and their application as indication of wastewater contamination. Science of the Total Environment, 2018, 616-617, 816-823.	8.0	134
60	Occurrence and distribution of neonicotinoid insecticides in surface water and sediment of the Guangzhou section of the Pearl River, South China. Environmental Pollution, 2019, 251, 892-900.	7.5	133
61	China Must Reduce Its Antibiotic Use. Environmental Science & Technology, 2017, 51, 1072-1073.	10.0	132
62	Simultaneous determination of benzotriazoles and ultraviolet filters in ground water, effluent and biosolid samples using gas chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2011, 1218, 5328-5335.	3.7	131
63	Occurrence and ecological risk assessment of emerging organic chemicals in urban rivers: Guangzhou as a case study in China. Science of the Total Environment, 2017, 589, 46-55.	8.0	131
64	Enhanced and irreversible sorption of pesticide pyrimethanil by soil amended with biochars. Journal of Environmental Sciences, 2010, 22, 615-620.	6.1	129
65	Biosorption of zinc and copper from aqueous solutions by two freshwater green microalgae Chlorella pyrenoidosa and Scenedesmus obliquus. Environmental Science and Pollution Research, 2012, 19, 2918-2929.	5.3	129
66	Monitoring of selected estrogenic compounds and estrogenic activity in surface water and sediment of the Yellow River in China using combined chemical and biological tools. Environmental Pollution, 2012, 165, 241-249.	7.5	128
67	Fate of veterinary antibiotics during animal manure composting. Science of the Total Environment, 2019, 650, 1363-1370.	8.0	128
68	Antibiotics in the coastal environment of the Hailing Bay region, South China Sea: Spatial distribution, source analysis and ecological risks. Marine Pollution Bulletin, 2015, 95, 365-373.	5.0	125
69	Occurrence and implications of estrogens and xenoestrogens in sewage effluents and receiving waters from South East Queensland. Science of the Total Environment, 2009, 407, 5147-5155.	8.0	123
70	Simultaneous removal of inorganic and organic compounds in wastewater by freshwater green microalgae. Environmental Sciences: Processes and Impacts, 2014, 16, 2018.	3.5	117
71	Variation of antibiotic resistome during commercial livestock manure composting. Environment International, 2020, 136, 105458.	10.0	115
72	Co-metabolism of sulfamethoxazole by a freshwater microalga Chlorella pyrenoidosa. Water Research, 2020, 175, 115656.	11.3	114

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73	Occurrence, fate and mass loadings of antibiotics in two swine wastewater treatment systems. Science of the Total Environment, 2018, 639, 1421-1431.	8.0	113
74	Fate of estrogens and xenoestrogens in four sewage treatment plants with different technologies. Environmental Toxicology and Chemistry, 2008, 27, 87-94.	4.3	112
75	Contamination profiles of antibiotic resistance genes in the sediments at a catchment scale. Science of the Total Environment, 2014, 490, 708-714.	8.0	112
76	Biocides in the Yangtze River of China: Spatiotemporal distribution, mass load and risk assessment. Environmental Pollution, 2015, 200, 53-63.	7.5	112
77	Bioaccumulation and risk assessment of per- and polyfluoroalkyl substances in wild freshwater fish from rivers in the Pearl River Delta region, South China. Ecotoxicology and Environmental Safety, 2014, 107, 192-199.	6.0	111
78	Occurrence and fate of androgens, estrogens, glucocorticoids and progestagens in two different types of municipal wastewater treatment plants. Journal of Environmental Monitoring, 2012, 14, 482-491.	2.1	107
79	Triclosan as a surrogate for household biocides: An investigation into biocides in aquatic environments of a highly urbanized region. Water Research, 2014, 58, 269-279.	11.3	107
80	Removal of antibiotics and antibiotic resistance genes in rural wastewater by an integrated constructed wetland. Environmental Science and Pollution Research, 2015, 22, 1794-1803.	5.3	105
81	Fate and removal of antibiotics and antibiotic resistance genes in hybrid constructed wetlands. Environmental Pollution, 2019, 249, 894-903.	7.5	105
82	Occurrence, toxicity and transformation of six typical benzotriazoles in the environment: A review. Science of the Total Environment, 2019, 661, 407-421.	8.0	103
83	Heterogeneous electroâ€“Fenton using threeâ€“dimension NZVIâ€“BC electrodes for degradation of neonicotinoid wastewater. Water Research, 2020, 182, 115975.	11.3	103
84	Microalgae-based technology for antibiotics removal: From mechanisms to application of innovational hybrid systems. Environment International, 2021, 155, 106594.	10.0	102
85	Terrestrial ecotoxicological effects of the antimicrobial agent triclosan. Ecotoxicology and Environmental Safety, 2009, 72, 86-92.	6.0	99
86	Fate and occurrence of steroids in swine and dairy cattle farms with different farming scales and wastes disposal systems. Environmental Pollution, 2012, 170, 190-201.	7.5	99
87	Personal care products in wild fish in two main Chinese rivers: Bioaccumulation potential and human health risks. Science of the Total Environment, 2018, 621, 1093-1102.	8.0	98
88	Emission Estimation and Multimedia Fate Modeling of Seven Steroids at the River Basin Scale in China. Environmental Science & Technology, 2014, 48, 7982-7992.	10.0	97
89	Changes in functional diversity of soil microbial community with addition of antibiotics sulfamethoxazole and chlortetracycline. Applied Microbiology and Biotechnology, 2012, 95, 1615-1623.	3.6	95
90	Long-term exposure to environmentally relevant concentrations of progesterone and norgestrel affects sex differentiation in zebrafish (Danio rerio). Aquatic Toxicology, 2015, 160, 172-179.	4.0	95

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91	Estrogenic activity profiles and risks in surface waters and sediments of the Pearl River system in South China assessed by chemical analysis and in vitro bioassay. Journal of Environmental Monitoring, 2011, 13, 813-821.	2.1	94
92	Oxidation of triclosan by ferrate: Reaction kinetics, products identification and toxicity evaluation. Journal of Hazardous Materials, 2011, 186, 227-235.	12.4	93
93	Assessment of toxic effects of triclosan on the swordtail fish (Xiphophorus helleri) by a multi-biomarker approach. Chemosphere, 2013, 90, 1281-1288.	8.2	93
94	Oxidation of benzophenone-3 during water treatment with ferrate(VI). Water Research, 2013, 47, 2458-2466.	11.3	88
95	Spatiotemporal distribution and mass loadings of perfluoroalkyl substances in the Yangtze River of China. Science of the Total Environment, 2014, 493, 580-587.	8.0	88
96	Swine farming elevated the proliferation of Acinetobacter with the prevalence of antibiotic resistance genes in the groundwater. Environment International, 2020, 136, 105484.	10.0	85
97	Contamination of neonicotinoid insecticides in soil-water-sediment systems of the urban and rural areas in a rapidly developing region: Guangzhou, South China. Environment International, 2020, 139, 105719.	10.0	82
98	Occurrence of antibiotic resistance and characterization of resistance genes and integrons in Enterobacteriaceae isolated from integrated fish farms in south China. Journal of Environmental Monitoring, 2011, 13, 3229.	2.1	81
99	Decay of endocrine-disrupting chemicals in aerobic and anoxic groundwater. Water Research, 2008, 42, 1133-1141.	11.3	80
100	Ferrate(VI) oxidation of tetrabromobisphenol A in comparison with bisphenol A. Water Research, 2014, 62, 211-219.	11.3	78
101	Contamination profiles of perfluoroalkyl substances in five typical rivers of the Pearl River Delta region, South China. Chemosphere, 2014, 114, 16-25.	8.2	77
102	Degradation behavior of sulfadiazine in soils under different conditions. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2009, 44, 241-248.	1.5	75
103	Oxidation of ciprofloxacin and enrofloxacin by ferrate(VI): Products identification, and toxicity evaluation. Journal of Hazardous Materials, 2016, 320, 296-303.	12.4	75
104	Bioaccumulation, metabolism, and risk assessment of phenolic endocrine disrupting chemicals in specific tissues of wild fish. Chemosphere, 2019, 226, 607-615.	8.2	75
105	Agricultural Plastic Pollution in China: Generation of Plastic Debris and Emission of Phthalic Acid Esters from Agricultural Films. Environmental Science & Technology, 2021, 55, 12459-12470.	10.0	75
106	Microbial diversity and antibiotic resistome in swine farm environments. Science of the Total Environment, 2019, 685, 197-207.	8.0	74
107	Contamination profile of antibiotic resistance genes in ground water in comparison with surface water. Science of the Total Environment, 2020, 715, 136975.	8.0	73
108	Analysis of 21 progestagens in various matrices by ultra-high-performance liquid chromatography tandem mass spectrometry (UHPLC-MS/MS) with diverse sample pretreatment. Analytical and Bioanalytical Chemistry, 2014, 406, 7299-7311.	3.7	71

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109	Toxicity Thresholds for Diclofenac, Acetaminophen and Ibuprofen in the Water Flea Daphnia magna. Bulletin of Environmental Contamination and Toxicology, 2016, 97, 84-90.	2.7	71
110	Cellular responses and bioremoval of nonylphenol and octylphenol in the freshwater green microalga Scenedesmus obliquus. Ecotoxicology and Environmental Safety, 2013, 87, 10-16.	6.0	69
111	Uptake and Translocation of Perfluorooctanoic Acid (PFOA) and Perfluorooctanesulfonic Acid (PFOS) by Wetland Plants: Tissue- and Cell-Level Distribution Visualization with Desorption Electrospray Ionization Mass Spectrometry (DESI-MS) and Transmission Electron Microscopy Equipped with Energy-Dispersive Spectroscopy (TEM-EDS). Environmental Science & Technology, 2020, 54, 6009-6020.	10.0	69
112	Steroids in marine aquaculture farms surrounding Hailing Island, South China: Occurrence, bioconcentration, and human dietary exposure. Science of the Total Environment, 2015, 502, 400-407.	8.0	68
113	Biocides in wastewater treatment plants: Mass balance analysis and pollution load estimation. Journal of Hazardous Materials, 2017, 329, 310-320.	12.4	68
114	A novel effluent quality predicting model based on genetic-deep belief network algorithm for cleaner production in a full-scale paper-making wastewater treatment. Journal of Cleaner Production, 2020, 265, 121787.	9.3	68
115	Laboratory and field studies on the degradation of fipronil in a soil. Soil Research, 2002, 40, 1095.	1.1	67
116	Dissipation of sulfamethoxazole, trimethoprim and tylosin in a soil under aerobic and anoxic conditions. Environmental Chemistry, 2010, 7, 370.	1.5	67
117	Degradation of azole fungicide fluconazole in aqueous solution by thermally activated persulfate. Chemical Engineering Journal, 2017, 321, 113-122.	12.7	67
118	Removal of steroid hormones and biocides from rural wastewater by an integrated constructed wetland. Science of the Total Environment, 2019, 660, 358-365.	8.0	67
119	Biodegradation of three selected benzotriazoles in aquifer materials under aerobic and anaerobic conditions. Journal of Contaminant Hydrology, 2013, 151, 131-139.	3.3	66
120	Toxic effects of Triclosan on the detoxification system and breeding of Daphnia magna. Ecotoxicology, 2013, 22, 1384-1394.	2.4	65
121	Occurrence, mass loads and risks of bisphenol analogues in the Pearl River Delta region, South China: Urban rainfall runoff as a potential source for receiving rivers. Environmental Pollution, 2020, 263, 114361.	7.5	65
122	Per- and polyfluoroalkyl substances (PFASs) in the soilâ€“plant system: Sorption, root uptake, and translocation. Environment International, 2021, 156, 106642.	10.0	65
123	Rapid multiresidue determination for currently used pesticides in agricultural drainage waters and soils using gas chromatographyâ€“mass spectrometry. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2010, 45, 152-161.	1.5	64
124	Field dissipation and risk assessment of typical personal care products TCC, TCS, AHTN and HHCB in biosolid-amended soils. Science of the Total Environment, 2014, 470-471, 1078-1086.	8.0	64
125	Untreated swine wastes changed antibiotic resistance and microbial community in the soils and impacted abundances of antibiotic resistance genes in the vegetables. Science of the Total Environment, 2020, 741, 140482.	8.0	64
126	Triclosan: its occurrence, fate and effects in the Australian environment. Water Science and Technology, 2011, 63, 598-604.	2.5	63

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127	Spread of airborne antibiotic resistance from animal farms to the environment: Dispersal pattern and exposure risk. Environment International, 2022, 158, 106927.	10.0	63
128	Occurrence and dissipation of benzotriazoles and benzotriazole ultraviolet stabilizers in biosolidâ€amended soils. Environmental Toxicology and Chemistry, 2014, 33, 761-767.	4.3	62
129	Biotransformation of the flame retardant tetrabromobisphenolâ€A (TBBPA) by freshwater microalgae. Environmental Toxicology and Chemistry, 2014, 33, 1705-1711.	4.3	62
130	Ecological risks of home and personal care products in the riverine environment of a rural region in South China without domestic wastewater treatment facilities. Ecotoxicology and Environmental Safety, 2015, 122, 417-425.	6.0	61
131	Anticancer drugs in the aquatic ecosystem: Environmental occurrence, ecotoxicological effect and risk assessment. Environment International, 2021, 153, 106543.	10.0	61
132	Increasing ionic strength and valency of cations enhance sorption through hydrophobic interactions of PFAS with soil surfaces. Science of the Total Environment, 2022, 817, 152975.	8.0	60
133	Screening of multiple hormonal activities in surface water and sediment from the Pearl River system, South China, using effectâ€directed in vitro bioassays. Environmental Toxicology and Chemistry, 2011, 30, 2208-2215.	4.3	59
134	Desorption Kinetics of Sulfonamide and Trimethoprim Antibiotics in Soils Assessed with Diffusive Gradients in Thin-Films. Environmental Science & Technology, 2014, 48, 5530-5536.	10.0	59
135	Biodegradation of the ultraviolet filter benzophenoneâ€3 under different redox conditions. Environmental Toxicology and Chemistry, 2012, 31, 289-295.	4.3	58
136	The occurrence and ecological risks of endocrine disrupting chemicals in sewage effluents from three different sewage treatment plants, and in natural seawater from a marine reserve of Hong Kong. Marine Pollution Bulletin, 2014, 85, 352-362.	5.0	58
137	Occurrence and removal of progestagens in two representative swine farms: Effectiveness of lagoon and digester treatment. Water Research, 2015, 77, 146-154.	11.3	58
138	Passive sampling: A cost-effective method for understanding antibiotic fate, behaviour and impact. Environment International, 2015, 85, 284-291.	10.0	56
139	Antibiotic resistance genes in surface water and groundwater from mining affected environments. Science of the Total Environment, 2021, 772, 145516.	8.0	55
140	Dissipation of oxytetracycline in soils under different redox conditions. Environmental Pollution, 2009, 157, 2704-2709.	7.5	54
141	Photostability of the UV filter benzophenone-3 and its effect on the photodegradation of benzotriazole in water. Environmental Chemistry, 2011, 8, 581.	1.5	53
142	Real-world carbon nanoparticle exposures induce brain and gonadal alterations in zebrafish (Danio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.5	52
143	Highly enhanced biodegradation of pharmaceutical and personal care products in a novel tidal flow constructed wetland with baffle and plants. Water Research, 2021, 193, 116870.	11.3	51
144	Uptake mechanism, subcellular distribution, and uptake process of perfluorooctanoic acid and perfluorooctane sulfonic acid by wetland plant Alisma orientale. Science of the Total Environment, 2020, 733, 139383.	8.0	51

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145	Cadmium-inducible BgMT2, a type 2 metallothionein gene from mangrove species (Bruguiera) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Biology and Ecology, 2011, 405, 128-132.	1.5	50
146	Photodegradation of the azole fungicide fluconazole in aqueous solution under UV-254: Kinetics, mechanistic investigations and toxicity evaluation. Water Research, 2014, 52, 83-91.	11.3	50
147	Hydrolytic transformation mechanism of tetracycline antibiotics: Reaction kinetics, products identification and determination in WWTPs. Ecotoxicology and Environmental Safety, 2022, 229, 113063.	6.0	50
148	Kinetics modeling and reaction mechanism of ferrate(VI) oxidation of benzotriazoles. Water Research, 2011, 45, 2261-2269.	11.3	49
149	New insight into the toxic effects of chloramphenicol and roxithromycin to algae using FTIR spectroscopy. Aquatic Toxicology, 2019, 207, 197-207.	4.0	49
150	Triclosan-induced transcriptional and biochemical alterations in the freshwater green algae Chlamydomonas reinhardtii. Ecotoxicology and Environmental Safety, 2018, 148, 393-401.	6.0	48
151	Variations of antibiotic resistome in swine wastewater during full-scale anaerobic digestion treatment. Environment International, 2021, 155, 106694.	10.0	48
152	The synthetic progestin megestrol acetate adversely affects zebrafish reproduction. Aquatic Toxicology, 2014, 150, 66-72.	4.0	47
153	Emission and fate of antibiotics in the Dongjiang River Basin, China: Implication for antibiotic resistance risk. Science of the Total Environment, 2020, 712, 136518.	8.0	47
154	Use patterns, excretion masses and contamination profiles of antibiotics in a typical swine farm, south China. Environmental Sciences: Processes and Impacts, 2013, 15, 802.	3.5	46
155	Biomarker distributions in crude oils and source rocks from different sedimentary environments. Chemical Geology, 1991, 93, 61-78.	3.3	45
156	SORPTION OF FIPRONIL AND ITS METABOLITES ON SOILS FROM SOUTH AUSTRALIA. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2001, 36, 545-558.	1.5	45
157	Removal, biotransformation and toxicity variations of climbazole by freshwater algae Scenedesmus obliquus. Environmental Pollution, 2018, 240, 534-540.	7.5	44
158	Occurrence, fate and risk assessment of biocides in wastewater treatment plants and aquatic environments in Thailand. Science of the Total Environment, 2019, 690, 1110-1119.	8.0	44
159	Degradation of climbazole by UV/chlorine process: Kinetics, transformation pathway and toxicity evaluation. Chemosphere, 2019, 219, 243-249.	8.2	44
160	Kinetics and mechanism of reactive radical mediated fluconazole degradation by the UV/chlorine process: Experimental and theoretical studies. Chemical Engineering Journal, 2020, 402, 126224.	12.7	44
161	Photocatalytic degradation and detoxification of o-chloroaniline in the gas phase: Mechanistic consideration and mutagenicity assessment of its decomposed gaseous intermediate mixture. Applied Catalysis B: Environmental, 2011, 102, 140-146.	20.2	43
162	Expression patterns of metallothionein, cytochrome P450 1A and vitellogenin genes in western mosquitofish (Gambusia affinis) in response to heavy metals. Ecotoxicology and Environmental Safety, 2014, 105, 97-102.	6.0	42

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163	Masculinization and reproductive effects in western mosquitofish (Gambusia affinis) after long-term exposure to androstenedione. Ecotoxicology and Environmental Safety, 2018, 147, 509-515.	6.0	42
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