

Guang-Guo Ying

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353
papers

21,106
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363
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25,519
ext. citations

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avg, IF

7.35
L-index

#	Paper	IF	Citations
353	Comprehensive evaluation of antibiotics emission and fate in the river basins of China: source analysis, multimedia modeling, and linkage to bacterial resistance. <i>Environmental Science & Technology</i> , 2015 , 49, 6772-82	10.3	1937
352	Environmental fate of alkylphenols and alkylphenol ethoxylates--a review. <i>Environment International</i> , 2002 , 28, 215-26	12.9	867
351	Fate, behavior and effects of surfactants and their degradation products in the environment. <i>Environment International</i> , 2006 , 32, 417-31	12.9	640
350	Review of antibiotic resistance in China and its environment. <i>Environment International</i> , 2018 , 110, 160-172	12.9	635
349	Occurrence and fate of hormone steroids in the environment. <i>Environment International</i> , 2002 , 28, 545-552	12.9	526
348	Growth-inhibiting effects of 12 antibacterial agents and their mixtures on the freshwater microalga <i>Pseudokirchneriella subcapitata</i> . <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 1201-8	3.8	330
347	Effects of six selected antibiotics on plant growth and soil microbial and enzymatic activities. <i>Environmental Pollution</i> , 2009 , 157, 1636-42	9.3	321
346	Trends in the occurrence of human and veterinary antibiotics in the sediments of the Yellow River, Hai River and Liao River in northern China. <i>Environmental Pollution</i> , 2011 , 159, 1877-85	9.3	316
345	Occurrence and fate of eleven classes of antibiotics in two typical wastewater treatment plants in South China. <i>Science of the Total Environment</i> , 2013 , 452-453, 365-76	10.2	296
344	Biological degradation of triclocarban and triclosan in a soil under aerobic and anaerobic conditions and comparison with environmental fate modelling. <i>Environmental Pollution</i> , 2007 , 150, 300-5	9.3	283
343	Reduced plant uptake of pesticides with biochar additions to soil. <i>Chemosphere</i> , 2009 , 76, 665-71	8.4	278
342	Triclosan in wastewaters and biosolids from Australian wastewater treatment plants. <i>Environment International</i> , 2007 , 33, 199-205	12.9	267
341	Excretion masses and environmental occurrence of antibiotics in typical swine and dairy cattle farms in China. <i>Science of the Total Environment</i> , 2013 , 444, 183-95	10.2	261
340	Sorption and degradation of selected five endocrine disrupting chemicals in aquifer material. <i>Water Research</i> , 2003 , 37, 3785-91	12.5	259
339	Trace analysis of 28 steroids in surface water, wastewater and sludge samples by rapid resolution liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2011 , 1218, 1367-78	4.5	247
338	Determination of phenolic endocrine disrupting chemicals and acidic pharmaceuticals in surface water of the Pearl Rivers in South China by gas chromatography-negative chemical ionization-mass spectrometry. <i>Science of the Total Environment</i> , 2009 , 407, 962-74	10.2	224
337	Simultaneous determination of human and veterinary antibiotics in various environmental matrices by rapid resolution liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012 , 1244, 123-38	4.5	218

336	Occurrence and risks of triclosan and triclocarban in the Pearl River system, South China: from source to the receiving environment. <i>Journal of Hazardous Materials</i> , 2010 , 179, 215-22	12.8	211
335	Simultaneous determination of four classes of antibiotics in sediments of the Pearl Rivers using RRLC-MS/MS. <i>Science of the Total Environment</i> , 2010 , 408, 3424-32	10.2	198
334	Sorption and desorption behaviors of diuron in soils amended with charcoal. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 8545-50	5.7	196
333	Discharge of swine wastes risks water quality and food safety: Antibiotics and antibiotic resistance genes from swine sources to the receiving environments. <i>Environment International</i> , 2016 , 92-93, 210-9	12.9	195
332	Removal of selected endocrine disrupting chemicals (EDCs) and pharmaceuticals and personal care products (PPCPs) during ferrate(VI) treatment of secondary wastewater effluents. <i>Water Research</i> , 2012 , 46, 2194-204	12.5	188
331	Degradation of Five Selected Endocrine-Disrupting Chemicals in Seawater and Marine Sediment. <i>Environmental Science & Technology</i> , 2003 , 37, 1256-1260	10.3	184
330	Distribution and accumulation of endocrine-disrupting chemicals and pharmaceuticals in wastewater irrigated soils in Hebei, China. <i>Environmental Pollution</i> , 2011 , 159, 1490-8	9.3	180
329	Antibiotics in typical marine aquaculture farms surrounding Hailing Island, South China: occurrence, bioaccumulation and human dietary exposure. <i>Marine Pollution Bulletin</i> , 2015 , 90, 181-7	6.7	176
328	Simultaneous determination and assessment of 4-nonylphenol, bisphenol A and triclosan in tap water, bottled water and baby bottles. <i>Environment International</i> , 2010 , 36, 557-62	12.9	171
327	Sorption and degradation of estrogen-like-endocrine disrupting chemicals in soil. <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 2640-5	3.8	171
326	Occurrence and removal of benzotriazoles and ultraviolet filters in a municipal wastewater treatment plant. <i>Environmental Pollution</i> , 2012 , 165, 225-32	9.3	169
325	Dissemination of antibiotic resistance genes in representative broiler feedlots environments: identification of indicator ARGs and correlations with environmental variables. <i>Environmental Science & Technology</i> , 2014 , 48, 13120-9	10.3	163
324	Persistence of antibiotic resistance genes and bacterial community changes in drinking water treatment system: From drinking water source to tap water. <i>Science of the Total Environment</i> , 2018 , 616-617, 453-461	10.2	153
323	Spatial and seasonal distribution of selected antibiotics in surface waters of the Pearl Rivers, China. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2011 , 46, 272-80	2.2	147
322	Removal of antibiotics and antibiotic resistance genes from domestic sewage by constructed wetlands: Optimization of wetland substrates and hydraulic loading. <i>Science of the Total Environment</i> , 2016 , 565, 240-248	10.2	144
321	Influence of biochars on plant uptake and dissipation of two pesticides in an agricultural soil. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 7915-21	5.7	143
320	Evaluation of triclosan and triclocarban at river basin scale using monitoring and modeling tools: implications for controlling of urban domestic sewage discharge. <i>Water Research</i> , 2013 , 47, 395-405	12.5	140
319	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. <i>Environment International</i> , 2013 , 52, 81-6	12.9	136

318	Class 1 and 2 integrons, sul resistance genes and antibiotic resistance in Escherichia coli isolated from Dongjiang River, South China. <i>Environmental Pollution</i> , 2012 , 169, 42-9	9.3	134
317	Assessing estrogenic activity in surface water and sediment of the Liao River system in northeast China using combined chemical and biological tools. <i>Environmental Pollution</i> , 2011 , 159, 148-156	9.3	134
316	Occurrence and risk assessment of acidic pharmaceuticals in the Yellow River, Hai River and Liao River of north China. <i>Science of the Total Environment</i> , 2010 , 408, 3139-47	10.2	132
315	Removal of antibiotics and antibiotic resistance genes from domestic sewage by constructed wetlands: Effect of flow configuration and plant species. <i>Science of the Total Environment</i> , 2016 , 571, 974-82	10.2	124
314	Biotransformation of progesterone and norgestrel by two freshwater microalgae (<i>Scenedesmus obliquus</i> and <i>Chlorella pyrenoidosa</i>): transformation kinetics and products identification. <i>Chemosphere</i> , 2014 , 95, 581-8	8.4	122
313	Removal of antibiotics from piggery wastewater by biological aerated filter system: Treatment efficiency and biodegradation kinetics. <i>Bioresource Technology</i> , 2017 , 238, 70-77	11	121
312	Tissue-specific bioaccumulation of human and veterinary antibiotics in bile, plasma, liver and muscle tissues of wild fish from a highly urbanized region. <i>Environmental Pollution</i> , 2015 , 198, 15-24	9.3	120
311	Biodegradation of three selected benzotriazoles under aerobic and anaerobic conditions. <i>Water Research</i> , 2011 , 45, 5005-14	12.5	120
310	Occurrence and removal of pharmaceutically active compounds in sewage treatment plants with different technologies. <i>Journal of Environmental Monitoring</i> , 2009 , 11, 1498-505		118
309	Detection of antibiotic resistance and tetracycline resistance genes in Enterobacteriaceae isolated from the Pearl rivers in South China. <i>Environmental Pollution</i> , 2010 , 158, 2101-9	9.3	118
308	Evidence and recommendations to support the use of a novel passive water sampler to quantify antibiotics in wastewaters. <i>Environmental Science & Technology</i> , 2013 , 47, 13587-93	10.3	117
307	Occurrence, fate and ecological risk of five typical azole fungicides as therapeutic and personal care products in the environment: A review. <i>Environment International</i> , 2015 , 84, 142-53	12.9	116
306	Occurrence and a screening-level risk assessment of human pharmaceuticals in the Pearl River system, South China. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 1377-84	3.8	116
305	Determination of biocides in different environmental matrices by use of ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 3175-88	4.4	113
304	Monitoring of selected estrogenic compounds and estrogenic activity in surface water and sediment of the Yellow River in China using combined chemical and biological tools. <i>Environmental Pollution</i> , 2012 , 165, 241-9	9.3	110
303	Antibiotic Residues in Food: Extraction, Analysis, and Human Health Concerns. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 7569-7586	5.7	109
302	Enhanced and irreversible sorption of pesticide pyrimethanil by soil amended with biochars. <i>Journal of Environmental Sciences</i> , 2010 , 22, 615-20	6.4	108
301	Occurrence and implications of estrogens and xenoestrogens in sewage effluents and receiving waters from South East Queensland. <i>Science of the Total Environment</i> , 2009 , 407, 5147-55	10.2	107

300	Simultaneous determination of benzotriazoles and ultraviolet filters in ground water, effluent and biosolid samples using gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2011 , 1218, 5328-35	4.5	104
299	Steroids in a typical swine farm and their release into the environment. <i>Water Research</i> , 2012 , 46, 3754-68	6.5	103
298	Fate of estrogens and xenoestrogens in four sewage treatment plants with different technologies. <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 87-94	3.8	103
297	Perfluoroalkyl substances (PFASs) in wastewater treatment plants and drinking water treatment plants: Removal efficiency and exposure risk. <i>Water Research</i> , 2016 , 106, 562-570	12.5	102
296	Biosorption of zinc and copper from aqueous solutions by two freshwater green microalgae <i>Chlorella pyrenoidosa</i> and <i>Scenedesmus obliquus</i> . <i>Environmental Science and Pollution Research</i> , 2011 , 19, 2918-29	5.1	101
295	Veterinary antibiotics in food, drinking water, and the urine of preschool children in Hong Kong. <i>Environment International</i> , 2017 , 108, 246-252	12.9	100
294	Occurrence and fate of androgens, estrogens, glucocorticoids and progestagens in two different types of municipal wastewater treatment plants. <i>Journal of Environmental Monitoring</i> , 2012 , 14, 482-91		95
293	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	10.2	94
292	Pharmaceuticals and personal care products (PPCPs) and artificial sweeteners (ASs) in surface and ground waters and their application as indication of wastewater contamination. <i>Science of the Total Environment</i> , 2018 , 616-617, 816-823	10.2	94
291	Suitability of pharmaceuticals and personal care products (PPCPs) and artificial sweeteners (ASs) as wastewater indicators in the Pearl River Delta, South China. <i>Science of the Total Environment</i> , 2017 , 590-591, 611-619	10.2	93
290	Tissue distribution, bioaccumulation characteristics and health risk of antibiotics in cultured fish from a typical aquaculture area. <i>Journal of Hazardous Materials</i> , 2018 , 343, 140-148	12.8	90
289	Contamination profiles of antibiotic resistance genes in the sediments at a catchment scale. <i>Science of the Total Environment</i> , 2014 , 490, 708-14	10.2	90
288	Antibiotics in the coastal environment of the Hailing Bay region, South China Sea: Spatial distribution, source analysis and ecological risks. <i>Marine Pollution Bulletin</i> , 2015 , 95, 365-73	6.7	89
287	Terrestrial ecotoxicological effects of the antimicrobial agent triclosan. <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 86-92	7	88
286	China Must Reduce Its Antibiotic Use. <i>Environmental Science & Technology</i> , 2017 , 51, 1072-1073	10.3	85
285	Removal of antibiotics and antibiotic resistance genes in rural wastewater by an integrated constructed wetland. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 1794-803	5.1	85
284	Biocides in the Yangtze River of China: spatiotemporal distribution, mass load and risk assessment. <i>Environmental Pollution</i> , 2015 , 200, 53-63	9.3	84
283	Occurrence, distribution and seasonal variation of five neonicotinoid insecticides in surface water and sediment of the Pearl Rivers, South China. <i>Chemosphere</i> , 2019 , 217, 437-446	8.4	83

282	Estrogenic activity profiles and risks in surface waters and sediments of the Pearl River system in South China assessed by chemical analysis and in vitro bioassay. <i>Journal of Environmental Monitoring</i> , 2011 , 13, 813-21		82
281	Simultaneous removal of inorganic and organic compounds in wastewater by freshwater green microalgae. <i>Environmental Sciences: Processes and Impacts</i> , 2014 , 16, 2018-27	4.3	80
280	Assessment of toxic effects of triclosan on the swordtail fish (<i>Xiphophorus helleri</i>) by a multi-biomarker approach. <i>Chemosphere</i> , 2013 , 90, 1281-8	8.4	80
279	Oxidation of triclosan by ferrate: reaction kinetics, products identification and toxicity evaluation. <i>Journal of Hazardous Materials</i> , 2011 , 186, 227-35	12.8	79
278	Fate and occurrence of steroids in swine and dairy cattle farms with different farming scales and wastes disposal systems. <i>Environmental Pollution</i> , 2012 , 170, 190-201	9.3	78
277	Fate of veterinary antibiotics during animal manure composting. <i>Science of the Total Environment</i> , 2019 , 650, 1363-1370	10.2	78
276	Bioaccumulation and risk assessment of per- and polyfluoroalkyl substances in wild freshwater fish from rivers in the Pearl River Delta region, South China. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 107, 192-9	7	76
275	Triclosan as a surrogate for household biocides: an investigation into biocides in aquatic environments of a highly urbanized region. <i>Water Research</i> , 2014 , 58, 269-79	12.5	76
274	Occurrence and distribution of neonicotinoid insecticides in surface water and sediment of the Guangzhou section of the Pearl River, South China. <i>Environmental Pollution</i> , 2019 , 251, 892-900	9.3	74
273	Changes in functional diversity of soil microbial community with addition of antibiotics sulfamethoxazole and chlortetracycline. <i>Applied Microbiology and Biotechnology</i> , 2012 , 95, 1615-23	5.7	74
272	Emission estimation and multimedia fate modeling of seven steroids at the river basin scale in China. <i>Environmental Science & Technology</i> , 2014 , 48, 7982-92	10.3	72
271	Oxidation of benzophenone-3 during water treatment with ferrate(VI). <i>Water Research</i> , 2013 , 47, 2458-66	6.5	71
270	Long-term exposure to environmentally relevant concentrations of progesterone and norgestrel affects sex differentiation in zebrafish (<i>Danio rerio</i>). <i>Aquatic Toxicology</i> , 2015 , 160, 172-9	5.1	70
269	Decay of endocrine-disrupting chemicals in aerobic and anoxic groundwater. <i>Water Research</i> , 2008 , 42, 1133-41	12.5	69
268	Fate and removal of antibiotics and antibiotic resistance genes in hybrid constructed wetlands. <i>Environmental Pollution</i> , 2019 , 249, 894-903	9.3	67
267	Ferrate(VI) oxidation of tetrabromobisphenol A in comparison with bisphenol A. <i>Water Research</i> , 2014 , 62, 211-9	12.5	66
266	Occurrence of antibiotic resistance and characterization of resistance genes and integrons in Enterobacteriaceae isolated from integrated fish farms in South China. <i>Journal of Environmental Monitoring</i> , 2011 , 13, 3229-36		66
265	Degradation behavior of sulfadiazine in soils under different conditions. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2009 , 44, 241-8	2.2	66

264	Analysis of 21 progestagens in various matrices by ultra-high-performance liquid chromatography tandem mass spectrometry (UHPLC-MS/MS) with diverse sample pretreatment. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 7299-311	4.4	61
263	Contamination profiles of perfluoroalkyl substances in five typical rivers of the Pearl River Delta region, South China. <i>Chemosphere</i> , 2014 , 114, 16-25	8.4	61
262	Cellular responses and bioremoval of nonylphenol and octylphenol in the freshwater green microalga <i>Scenedesmus obliquus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2013 , 87, 10-6	7	61
261	Spatiotemporal distribution and mass loadings of perfluoroalkyl substances in the Yangtze River of China. <i>Science of the Total Environment</i> , 2014 , 493, 580-7	10.2	58
260	Triclosan: its occurrence, fate and effects in the Australian environment. <i>Water Science and Technology</i> , 2011 , 63, 598-604	2.2	58
259	Laboratory and field studies on the degradation of fipronil in a soil. <i>Soil Research</i> , 2002 , 40, 1095	1.8	58
258	Dissipation of sulfamethoxazole, trimethoprim and tylosin in a soil under aerobic and anoxic conditions. <i>Environmental Chemistry</i> , 2010 , 7, 370	3.2	57
257	Occurrence, fate and mass loadings of antibiotics in two swine wastewater treatment systems. <i>Science of the Total Environment</i> , 2018 , 639, 1421-1431	10.2	57
256	Rapid multiresidue determination for currently used pesticides in agricultural drainage waters and soils using gas chromatography-mass spectrometry. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2010 , 45, 152-61	2.2	56
255	Biocides in wastewater treatment plants: Mass balance analysis and pollution load estimation. <i>Journal of Hazardous Materials</i> , 2017 , 329, 310-320	12.8	54
254	Personal care products in wild fish in two main Chinese rivers: Bioaccumulation potential and human health risks. <i>Science of the Total Environment</i> , 2018 , 621, 1093-1102	10.2	54
253	Screening of multiple hormonal activities in surface water and sediment from the Pearl River system, South China, using effect-directed in vitro bioassays. <i>Environmental Toxicology and Chemistry</i> , 2011 , 30, 2208-15	3.8	54
252	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. <i>Marine Pollution Bulletin</i> , 2014 , 85, 352-62	6.7	52
251	Biodegradation of three selected benzotriazoles in aquifer materials under aerobic and anaerobic conditions. <i>Journal of Contaminant Hydrology</i> , 2013 , 151, 131-9	3.9	52
250	Comparisons of pollution characteristics, emission situations, and mass loads for heavy metals in the manures of different livestock and poultry in China. <i>Science of the Total Environment</i> , 2020 , 734, 139023	10.2	51
249	Oxidation of ciprofloxacin and enrofloxacin by ferrate(VI): Products identification, and toxicity evaluation. <i>Journal of Hazardous Materials</i> , 2016 , 320, 296-303	12.8	50
248	Field dissipation and risk assessment of typical personal care products TCC, TCS, AHTN and HHCB in biosolid-amended soils. <i>Science of the Total Environment</i> , 2014 , 470-471, 1078-86	10.2	50
247	Steroids in marine aquaculture farms surrounding Hailing Island, South China: occurrence, bioconcentration, and human dietary exposure. <i>Science of the Total Environment</i> , 2015 , 502, 400-7	10.2	49

246	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, 417-25	7	48
245	Biotransformation of the flame retardant tetrabromobisphenol-A (TBBPA) by freshwater microalgae. <i>Environmental Toxicology and Chemistry</i> , 2014 , 33, 1705-11	3.8	48
244	Occurrence and removal of progestagens in two representative swine farms: Effectiveness of lagoon and digester treatment. <i>Water Research</i> , 2015 , 77, 146-154	12.5	47
243	Dissipation of oxytetracycline in soils under different redox conditions. <i>Environmental Pollution</i> , 2009 , 157, 2704-9	9.3	47
242	Variation of antibiotic resistome during commercial livestock manure composting. <i>Environment International</i> , 2020 , 136, 105458	12.9	47
241	Degradation of azole fungicide fluconazole in aqueous solution by thermally activated persulfate. <i>Chemical Engineering Journal</i> , 2017 , 321, 113-122	14.7	45
240	Real-world carbon nanoparticle exposures induce brain and gonadal alterations in zebrafish (<i>Danio rerio</i>) as determined by biospectroscopy techniques. <i>Analyst, The</i> , 2015 , 140, 2687-95	5	45
239	Occurrence and dissipation of benzotriazoles and benzotriazole ultraviolet stabilizers in biosolid-amended soils. <i>Environmental Toxicology and Chemistry</i> , 2014 , 33, 761-7	3.8	45
238	Photostability of the UV filter benzophenone-3 and its effect on the photodegradation of benzotriazole in water. <i>Environmental Chemistry</i> , 2011 , 8, 581	3.2	45
237	Occurrence, toxicity and transformation of six typical benzotriazoles in the environment: A review. <i>Science of the Total Environment</i> , 2019 , 661, 407-421	10.2	44
236	Toxic effects of triclosan on the detoxification system and breeding of <i>Daphnia magna</i> . <i>Ecotoxicology</i> , 2013 , 22, 1384-94	2.9	44
235	Removal of steroid hormones and biocides from rural wastewater by an integrated constructed wetland. <i>Science of the Total Environment</i> , 2019 , 660, 358-365	10.2	44
234	Kinetics modeling and reaction mechanism of ferrate(VI) oxidation of benzotriazoles. <i>Water Research</i> , 2011 , 45, 2261-9	12.5	43
233	Cadmium-inducible BgMT2, a type 2 metallothionein gene from mangrove species (<i>Bruguiera gymnorrhiza</i>), its encoding protein shows metal-binding ability. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011 , 405, 128-132	2.1	43
232	The synthetic progestin megestrol acetate adversely affects zebrafish reproduction. <i>Aquatic Toxicology</i> , 2014 , 150, 66-72	5.1	42
231	Heterogeneous electro-Fenton using three-dimension NZVI-BC electrodes for degradation of neonicotinoid wastewater. <i>Water Research</i> , 2020 , 182, 115975	12.5	41
230	Desorption kinetics of sulfonamide and trimethoprim antibiotics in soils assessed with diffusive gradients in thin-films. <i>Environmental Science & Technology</i> , 2014 , 48, 5530-6	10.3	41
229	Use patterns, excretion masses and contamination profiles of antibiotics in a typical swine farm, south China. <i>Environmental Sciences: Processes and Impacts</i> , 2013 , 15, 802-13	4.3	41

228	Passive sampling: A cost-effective method for understanding antibiotic fate, behaviour and impact. <i>Environment International</i> , 2015 , 85, 284-91	12.9	40
227	Swine farming elevated the proliferation of Acinetobacter with the prevalence of antibiotic resistance genes in the groundwater. <i>Environment International</i> , 2020 , 136, 105484	12.9	40
226	Biodegradation of the ultraviolet filter benzophenone-3 under different redox conditions. <i>Environmental Toxicology and Chemistry</i> , 2012 , 31, 289-95	3.8	40
225	Co-metabolism of sulfamethoxazole by a freshwater microalga <i>Chlorella pyrenoidosa</i> . <i>Water Research</i> , 2020 , 175, 115656	12.5	38
224	Microbial diversity and antibiotic resistome in swine farm environments. <i>Science of the Total Environment</i> , 2019 , 685, 197-207	10.2	37
223	Bioaccumulation, metabolism, and risk assessment of phenolic endocrine disrupting chemicals in specific tissues of wild fish. <i>Chemosphere</i> , 2019 , 226, 607-615	8.4	37
222	Sorption of fipronil and its metabolites on soils from South Australia. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2001 , 36, 545-58	2.2	37
221	Toxicity Thresholds for Diclofenac, Acetaminophen and Ibuprofen in the Water Flea <i>Daphnia magna</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016 , 97, 84-90	2.7	37
220	Pharmaceutical pollution of the world's rivers.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119,	11.5	37
219	Rapid resolution liquid chromatography-tandem mass spectrometry method for the determination of endocrine disrupting chemicals (EDCs), pharmaceuticals and personal care products (PPCPs) in wastewater irrigated soils. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2019 , 45, 688-93	2.2	36
218	Photocatalytic degradation and detoxification of o-chloroaniline in the gas phase: Mechanistic consideration and mutagenicity assessment of its decomposed gaseous intermediate mixture. <i>Applied Catalysis B: Environmental</i> , 2011 , 102, 140-146	21.8	35
217	Expression patterns of metallothionein, cytochrome P450 1A and vitellogenin genes in western mosquitofish (<i>Gambusia affinis</i>) in response to heavy metals. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 105, 97-102	7	34
216	Contamination of neonicotinoid insecticides in soil-water-sediment systems of the urban and rural areas in a rapidly developing region: Guangzhou, South China. <i>Environment International</i> , 2020 , 139, 105719	12.9	34
215	Contamination profile of antibiotic resistance genes in ground water in comparison with surface water. <i>Science of the Total Environment</i> , 2020 , 715, 136975	10.2	33
214	Photodegradation of the azole fungicide fluconazole in aqueous solution under UV-254: kinetics, mechanistic investigations and toxicity evaluation. <i>Water Research</i> , 2014 , 52, 83-91	12.5	33
213	Occurrence and dissipation of three azole biocides climbazole, clotrimazole and miconazole in biosolid-amended soils. <i>Science of the Total Environment</i> , 2013 , 452-453, 377-83	10.2	33
212	Developmental and reproductive characteristics of western mosquitofish (<i>Gambusia affinis</i>) exposed to paper mill effluent in the Dengcun River, Sihui, South China. <i>Aquatic Toxicology</i> , 2011 , 103, 140-9	5.1	33
211	Simultaneous determination of 24 personal care products in fish muscle and liver tissues using QuEChERS extraction coupled with ultra pressure liquid chromatography-tandem mass spectrometry and gas chromatography-mass spectrometer analyses. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 8177-8183	4.4	33

210	Biomarker distributions in crude oils and source rocks from different sedimentary environments. <i>Chemical Geology</i> , 1991 , 93, 61-78	4.2	32
209	Triclosan-induced transcriptional and biochemical alterations in the freshwater green algae <i>Chlamydomonas reinhardtii</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018 , 148, 393-401	7	32
208	Removal, biotransformation and toxicity variations of climbazole by freshwater algae <i>Scenedesmus obliquus</i> . <i>Environmental Pollution</i> , 2018 , 240, 534-540	9.3	32
207	Uptake and Translocation of Perfluorooctanoic Acid (PFOA) and Perfluorooctanesulfonic Acid (PFOS) by Wetland Plants: Tissue- and Cell-Level Distribution Visualization with Desorption Electro spray Ionization Mass Spectrometry (DESI-MS) and Transmission Electron Microscopy	10.3	31
206	Regulation of reproduction- and biomarker-related gene expression by sex steroids in the livers and ovaries of adult female western mosquitofish (<i>Gambusia affinis</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012 , 162, 36-43	2.6	31
205	Dissipation of herbicides in soil and grapes in a South Australian vineyard. <i>Agriculture, Ecosystems and Environment</i> , 2000 , 78, 283-289	5.7	31
204	Occurrence, source analysis and risk assessment of androgens, glucocorticoids and progestagens in the Hailing Bay region, South China Sea. <i>Science of the Total Environment</i> , 2015 , 536, 99-107	10.2	30
203	Masculinization and reproductive effects in western mosquitofish (<i>Gambusia affinis</i>) after long-term exposure to androstenedione. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 147, 509-515	7	30
202	Dydrogesterone Causes Male Bias and Accelerates Sperm Maturation in Zebrafish (<i>Danio rerio</i>). <i>Environmental Science & Technology</i> , 2018 , 52, 8903-8911	10.3	30
201	Antibacterial activity of the soil-bound antimicrobials oxytetracycline and ofloxacin. <i>Environmental Toxicology and Chemistry</i> , 2014 , 33, 776-83	3.8	30
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199	In situ measurement of solution concentrations and fluxes of sulfonamides and trimethoprim antibiotics in soils using o-DGT. <i>Talanta</i> , 2015 , 132, 902-8	6.2	29
198	A novel effluent quality predicting model based on genetic-deep belief network algorithm for cleaner production in a full-scale paper-making wastewater treatment. <i>Journal of Cleaner Production</i> , 2020 , 265, 121787	10.3	29
197	Release behavior of triazine residues in stabilised contaminated soils. <i>Environmental Pollution</i> , 2005 , 134, 71-7	9.3	29
196	The effects of progesterone on transcriptional expression profiles of genes associated with hypothalamic-pituitary-gonadal and hypothalamic-pituitary-adrenal axes during the early development of zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2015 , 128, 199-206	8.4	28
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190	Use of TIE techniques to characterize industrial effluents in the Pearl River Delta region. <i>Ecotoxicology and Environmental Safety</i> , 2012 , 76, 143-52	7	27
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188	Dydrogesterone exposure induces zebrafish ovulation but leads to oocytes over-ripening: An integrated histological and metabolomics study. <i>Environment International</i> , 2019 , 128, 390-398	12.9	26
187	Feminization and masculinization of western mosquitofish (<i>Gambusia affinis</i>) observed in rivers impacted by municipal wastewaters. <i>Scientific Reports</i> , 2016 , 6, 20884	4.9	26
186	Antibiotic resistance and genetic diversity of <i>Escherichia coli</i> isolates from traditional and integrated aquaculture in South China. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2013 , 48, 999-1013	2.2	26
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180	Antibiotic distribution, risk assessment, and microbial diversity in river water and sediment in Hong Kong. <i>Environmental Geochemistry and Health</i> , 2018 , 40, 2191-2203	4.7	24
179	Degradation of climbazole by UV/chlorine process: Kinetics, transformation pathway and toxicity evaluation. <i>Chemosphere</i> , 2019 , 219, 243-249	8.4	24
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171	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	10.2	21
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133	Contamination of drinking water by neonicotinoid insecticides in China: Human exposure potential through drinking water consumption and percutaneous penetration. <i>Environment International</i> , 2021 , 156, 106650	12.9	15
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