

# Guang-Guo Ying

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

353  
papers

21,106  
citations

77  
h-index

135  
g-index

363  
ext. papers

25,519  
ext. citations

7.9  
avg, IF

7.35  
L-index

#	Paper	IF	Citations
353	Hypothetical scenarios estimating and simulating the fate of antibiotics: Implications for antibiotic environmental pollution caused by farmyard manure application.. <i>Science of the Total Environment</i> , <b>2022</b> , 822, 153177	10.2	2
352	Kinetics and Mechanism of Degradation of Reactive Radical-Mediated Probe Compounds by the UV/Chlorine Process: Theoretical Calculation and Experimental Verification.. <i>ACS Omega</i> , <b>2022</b> , 7, 5053-5063	3.9	2
351	Perfluorooctanoic acid (PFOA)-induced alterations of biomolecules in the wetland plant <i>Alisma orientale</i> .. <i>Science of the Total Environment</i> , <b>2022</b> , 820, 153302	10.2	0
350	Diffusive gradients in thin films (DGT) probe for effectively sampling of per- and polyfluoroalkyl substances in waters and sediments. <i>Journal of Environmental Sciences</i> , <b>2022</b> , 121, 90-97	6.4	1
349	Anthropogenic activities and seasonal properties jointly drive the assemblage of bacterial communities in subtropical river basins. <i>Science of the Total Environment</i> , <b>2022</b> , 806, 151476	10.2	2
348	Increasing ionic strength and valency of cations enhance sorption through hydrophobic interactions of PFAS with soil surfaces.. <i>Science of the Total Environment</i> , <b>2022</b> , 817, 152975	10.2	3
347	The effects of the chemotherapy drug cyclophosphamide on the structure and functioning of freshwater communities under sub-tropical conditions: A mesocosm study. <i>Science of the Total Environment</i> , <b>2022</b> , 806, 150678	10.2	2
346	Cyclophosphamide affects eye development and locomotion in zebrafish ( <i>Danio rerio</i> ). <i>Science of the Total Environment</i> , <b>2022</b> , 805, 150460	10.2	2
345	Accurate prediction and further dissection of neonicotinoid elimination in the water treatment by CTS@AgBC using multihead attention-based convolutional neural network combined with the time-dependent Cox regression model. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 423, 127029	12.8	7
344	Transgenerational effects of androstadienedione and androstenedione at environmentally relevant concentrations in zebrafish ( <i>Danio rerio</i> ). <i>Journal of Hazardous Materials</i> , <b>2022</b> , 423, 127261	12.8	
343	Pharmaceutical pollution of the world's rivers.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119,	11.5	37
342	Lanthanum (III)-Coated Ceramic Filters in Point-of-Use Water Treatment for Bacterial Removal. <i>ACS ES&amp;T Water</i> , <b>2022</b> , 2, 583-592		0
341	Accelerated degradation of sulfadiazine by nitrogen-doped magnetic biochar-activated persulfate: Role of oxygen vacancy. <i>Separation and Purification Technology</i> , <b>2022</b> , 289, 120735	8.3	1
340	Per- and polyfluoroalkyl substances (PFAS) in drinking water system: Target and non-target screening and removal assessment.. <i>Environment International</i> , <b>2022</b> , 163, 107219	12.9	0
339	Designing NAZO@BC electrodes for enhanced elimination of hydrophilic organic pollutants in heterogeneous electro-Fenton system: Insights into the detoxification mediated by O and OH.. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 431, 128598	12.8	1
338	Transformation products of tetracyclines in three typical municipal wastewater treatment plants.. <i>Science of the Total Environment</i> , <b>2022</b> , 154647	10.2	1
337	Inference of emission history of neonicotinoid pesticides from marine sediment cores impacted by riverine runoff of a developed agricultural region: The Pearl River Basin, China.. <i>Water Research</i> , <b>2022</b> , 218, 118475	12.5	1

336	Influence of biofilms on the adsorption behavior of nine organic emerging contaminants on microplastics in field-laboratory exposure experiments.. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 434, 128895	12.8	1
335	Detection of Neonicotinoids in agriculture soil and degradation of thiachloprid through photo degradation, biodegradation and photo-biodegradation.. <i>Environmental Pollution</i> , <b>2022</b> , 119452	9.3	0
334	Non-target, suspect and target screening of chemicals of emerging concern in landfill leachates and groundwater in Guangzhou, South China.. <i>Science of the Total Environment</i> , <b>2022</b> , 837, 155705	10.2	1
333	Dydrogesterone and levonorgestrel at environmentally relevant concentrations have antagonist effects with rhythmic oscillation in brain and eyes of zebrafish.. <i>Aquatic Toxicology</i> , <b>2022</b> , 248, 106177	5.1	
332	Rapid target and non-target screening method for determination of emerging organic chemicals in fish. <i>Journal of Chromatography A</i> , <b>2022</b> , 463185	4.5	
331	Polybrominated dibenzo-p-dioxins/furans (PBDD/Fs) in soil around municipal solid waste incinerator: A comparison with polychlorinated dibenzo-p-dioxins/furans (PCDD/Fs). <i>Environmental Pollution</i> , <b>2021</b> , 293, 118563	9.3	2
330	Chemical characteristics and toxicological effects of leachates from plastics under simulated seawater and fish digest. <i>Water Research</i> , <b>2021</b> , 209, 117892	12.5	1
329	Suspect, non-target and target screening of pharmaceuticals and personal care products (PPCPs) in a drinking water system. <i>Science of the Total Environment</i> , <b>2021</b> , 808, 151866	10.2	2
328	Antibiotics, antibiotic resistance genes and microbial community in grouper mariculture. <i>Science of the Total Environment</i> , <b>2021</b> , 152042	10.2	3
327	Screening of organic chemicals in surface water of the North River by high resolution mass spectrometry. <i>Chemosphere</i> , <b>2021</b> , 290, 133174	8.4	4
326	Hydrolytic transformation mechanism of tetracycline antibiotics: Reaction kinetics, products identification and determination in WWTPs. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 229, 113063	7	5
325	Occurrence, removal and mass loads of antiviral drugs in seven wastewater treatment plants with various treatment processes. <i>Water Research</i> , <b>2021</b> , 207, 117803	12.5	3
324	Imidacloprid treatments induces cyanobacteria blooms in freshwater communities under sub-tropical conditions. <i>Aquatic Toxicology</i> , <b>2021</b> , 240, 105992	5.1	1
323	In situ measurement of an emerging persistent, mobile and toxic (PMT) substance - Melamine and related triazines in waters by diffusive gradient in thin-films. <i>Water Research</i> , <b>2021</b> , 206, 117752	12.5	3
322	Performance and mechanism in degradation of typical antibiotics and antibiotic resistance genes by magnetic resin-mediated UV-Fenton process. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 227, 112908	7	5
321	Uptake, elimination, and toxicokinetics of selected pharmaceuticals in multiple tissues of Nile tilapia ( <i>Oreochromis niloticus</i> ) exposed to environmentally relevant concentrations. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 226, 112874	7	1
320	Imidacloprid and thiamethoxam affect synaptic transmission in zebrafish. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 227, 112917	7	0
319	Spread of airborne antibiotic resistance from animal farms to the environment: Dispersal pattern and exposure risk. <i>Environment International</i> , <b>2021</b> , 158, 106927	12.9	8

318	Occurrence and fate of androgens, progestogens and glucocorticoids in two swine farms with integrated wastewater treatment systems. <i>Water Research</i> , <b>2021</b> , 192, 116836	12.5	11
317	Photo transformation of 5-methylbenzotriazole and 5-chlorobenzotriazole by UV irradiation: Influences of pH, salinity, metal species and humic acid. <i>Environmental Research</i> , <b>2021</b> , 194, 110678	7.9	0
316	Highly enhanced biodegradation of pharmaceutical and personal care products in a novel tidal flow constructed wetland with baffle and plants. <i>Water Research</i> , <b>2021</b> , 193, 116870	12.5	17
315	Occurrence of Dechlorane series flame retardants in sediments from the Pearl River Delta, South China. <i>Environmental Pollution</i> , <b>2021</b> , 279, 116902	9.3	0
314	How much do human and livestock actually contribute to steroids emission and surface water pollution from past to the future: A global research. <i>Science of the Total Environment</i> , <b>2021</b> , 772, 145558	10.2	6
313	The fate of sulfonamides in the process of phytoremediation in hydroponics. <i>Water Research</i> , <b>2021</b> , 198, 117145	12.5	8
312	Antibiotic resistance genes in surface water and groundwater from mining affected environments. <i>Science of the Total Environment</i> , <b>2021</b> , 772, 145516	10.2	13
311	Distribution and mass loads of xenoestrogens bisphenol a, 4-nonylphenol, and 4-tert-octylphenol in rainfall runoff from highly urbanized regions: A comparison with point sources of wastewater. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 401, 123747	12.8	9
310	Occurrence, fate and mass loading of benzodiazepines and their transformation products in eleven wastewater treatment plants in Guangdong province, China. <i>Science of the Total Environment</i> , <b>2021</b> , 755, 142648	10.2	8
309	Optimized constructed wetlands enhance the removal and reduce the risks of steroid hormones in domestic wastewater. <i>Science of the Total Environment</i> , <b>2021</b> , 757, 143773	10.2	4
308	Biodegradation of typical azole fungicides in activated sludge under aerobic conditions. <i>Journal of Environmental Sciences</i> , <b>2021</b> , 103, 288-297	6.4	10
307	Perfluoroalkyl substances in the urine and hair of preschool children, airborne particles in kindergartens, and drinking water in Hong Kong. <i>Environmental Pollution</i> , <b>2021</b> , 270, 116219	9.3	6
306	New insight into the negative impact of imidazolium-based ionic liquid [Cmim]Cl on Hela cells: From membrane damage to biochemical alterations. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 208, 111629	7	10
305	Endocrine disrupting effects of binary mixtures of 17 $\beta$ -estradiol and testosterone in adult female western mosquitofish ( <i>Gambusia affinis</i> ). <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 208, 111566	7	4
304	Plasticizer contamination in the urine and hair of preschool children, airborne particles in kindergartens, and drinking water in Hong Kong. <i>Environmental Pollution</i> , <b>2021</b> , 271, 116394	9.3	9
303	Evidence of Foodborne Transmission of the Coronavirus (COVID-19) through the Animal Products Food Supply Chain. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 2713-2716	10.3	14
302	Dydrogesterone Affects the Transcription of Genes in Innate Immune and Coagulation Cascade in Zebrafish Embryos. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2021</b> , 106, 594-599	2.7	0
301	Enhanced PhotoBenton Removal Efficiency with Core-Shell Magnetic Resin Catalyst for Textile Dyeing Wastewater Treatment. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 968	3	4

300	Responses of aerobic granular sludge to fluoroquinolones: Microbial community variations, and antibiotic resistance genes. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 414, 125527	12.8	11
299	Environmental perspective of COVID-19: Atmospheric and wastewater environment in relation to pandemic. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 219, 112297	7	6
298	Anticancer drugs in the aquatic ecosystem: Environmental occurrence, ecotoxicological effect and risk assessment. <i>Environment International</i> , <b>2021</b> , 153, 106543	12.9	17
297	Development and application of diffusive gradients in thin-films for in situ sampling of the bitterest chemical - denatonium benzoate in waters. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 418, 126393	12.8	3
296	Dissipation of antibiotic resistance genes in manure-amended agricultural soil. <i>Science of the Total Environment</i> , <b>2021</b> , 787, 147582	10.2	4
295	Agricultural Plastic Pollution in China: Generation of Plastic Debris and Emission of Phthalic Acid Esters from Agricultural Films. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 12459-12470	10.3	7
294	Profile and removal of bisphenol analogues in hospital wastewater, landfill leachate, and municipal wastewater in South China. <i>Science of the Total Environment</i> , <b>2021</b> , 790, 148269	10.2	7
293	Selective diffusive gradients in thin-films with molecularly imprinted polymer for measuring fluoroquinolone antibiotics in waters. <i>Science of the Total Environment</i> , <b>2021</b> , 790, 148194	10.2	6
292	Photo-biodegradation of imidacloprid under blue light-emitting diodes with bacteria and co-metabolic regulation. <i>Environmental Research</i> , <b>2021</b> , 201, 111541	7.9	3
291	Microalgae-based technology for antibiotics removal: From mechanisms to application of innovational hybrid systems. <i>Environment International</i> , <b>2021</b> , 155, 106594	12.9	20
290	Crucial roles of 3D-MoO-PBC cocatalytic electrodes in the enhanced degradation of imidacloprid in heterogeneous electro-Fenton system: Degradation mechanisms and toxicity attenuation. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 420, 126556	12.8	8
289	Variations of antibiotic resistance in swine wastewater during full-scale anaerobic digestion treatment. <i>Environment International</i> , <b>2021</b> , 155, 106694	12.9	10
288	Levonorgestrel and dydrogesterone affect sex determination via different pathways in zebrafish. <i>Aquatic Toxicology</i> , <b>2021</b> , 240, 105972	5.1	2
287	Per- and polyfluoroalkyl substances (PFASs) in the soil-plant system: Sorption, root uptake, and translocation. <i>Environment International</i> , <b>2021</b> , 156, 106642	12.9	13
286	Contamination of drinking water by neonicotinoid insecticides in China: Human exposure potential through drinking water consumption and percutaneous penetration. <i>Environment International</i> , <b>2021</b> , 156, 106650	12.9	15
285	Legacy and alternative per- and polyfluoroalkyl substances (PFASs) in the West River and North River, south China: Occurrence, fate, spatio-temporal variations and potential sources. <i>Chemosphere</i> , <b>2021</b> , 283, 131301	8.4	10
284	Continuous input of organic ultraviolet filters and benzothiazoles threatens the surface water and sediment of two major rivers in the Pearl River Basin. <i>Science of the Total Environment</i> , <b>2021</b> , 798, 149299	10.2	4
283	What is in Nigerian waters? Target and non-target screening analysis for organic chemicals. <i>Chemosphere</i> , <b>2021</b> , 284, 131546	8.4	3

282	Heterogeneous electro-Fenton using three-dimension NZVI-BC electrodes for degradation of neonicotinoid wastewater. <i>Water Research</i> , <b>2020</b> , 182, 115975	12.5	41
281	A year-long passive sampling of phenolic endocrine disrupting chemicals in the East River, South China. <i>Environment International</i> , <b>2020</b> , 143, 105936	12.9	15
280	Untreated swine wastes changed antibiotic resistance and microbial community in the soils and impacted abundances of antibiotic resistance genes in the vegetables. <i>Science of the Total Environment</i> , <b>2020</b> , 741, 140482	10.2	28
279	Endocrine disruption in western mosquitofish from open and closed aquatic ecosystems polluted by swine farm wastewaters. <i>Environment International</i> , <b>2020</b> , 137, 105552	12.9	6
278	Adaptation of methane recovery, sludge characteristics and evolution of microbial community response to elevated nitrate under the methanogenic condition. <i>Journal of Cleaner Production</i> , <b>2020</b> , 258, 120713	10.3	11
277	Medroxyprogesterone acetate affects eye growth and the transcription of associated genes in zebrafish. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 193, 110371	7	9
276	Co-metabolism of sulfamethoxazole by a freshwater microalga <i>Chlorella pyrenoidosa</i> . <i>Water Research</i> , <b>2020</b> , 175, 115656	12.5	38
275	Airborne antibiotic resistance genes in Hong Kong kindergartens. <i>Environmental Pollution</i> , <b>2020</b> , 260, 114009	9.3	9
274	Contamination profile of antibiotic resistance genes in ground water in comparison with surface water. <i>Science of the Total Environment</i> , <b>2020</b> , 715, 136975	10.2	33
273	Swine farming elevated the proliferation of <i>Acinetobacter</i> with the prevalence of antibiotic resistance genes in the groundwater. <i>Environment International</i> , <b>2020</b> , 136, 105484	12.9	40
272	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. <i>Environmental Pollution</i> , <b>2020</b> , 263, 114361	9.3	20
271	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> , <b>2020</b> , 265, 121787	10.3	29
270	Levofloxacin and sulfamethoxazole induced alterations of biomolecules in <i>Pseudokirchneriella subcapitata</i> . <i>Chemosphere</i> , <b>2020</b> , 253, 126722	8.4	9
269	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). <i>Environmental Science &amp; Technology</i>	10.3	31
268	Sulfate radical-induced destruction of emerging contaminants using traces of cobalt ions as catalysts. <i>Chemosphere</i> , <b>2020</b> , 256, 127061	8.4	12
267	Contamination profiles and health risks of PFASs in groundwater of the Maozhou River basin. <i>Environmental Pollution</i> , <b>2020</b> , 260, 113996	9.3	13
266	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> , <b>2020</b> , 734, 139023	10.2	51
265	Uptake mechanism, subcellular distribution, and uptake process of perfluorooctanoic acid and perfluorooctane sulfonic acid by wetland plant <i>Alisma orientale</i> . <i>Science of the Total Environment</i> , <b>2020</b> , 733, 139383	10.2	23

264	Variation of antibiotic resistome during commercial livestock manure composting. <i>Environment International</i> , <b>2020</b> , 136, 105458	12.9	47
263	Emission and fate of antibiotics in the Dongjiang River Basin, China: Implication for antibiotic resistance risk. <i>Science of the Total Environment</i> , <b>2020</b> , 712, 136518	10.2	19
262	Occurrence and mass loads of biocides in plastic debris from the Pearl River system, South China. <i>Chemosphere</i> , <b>2020</b> , 246, 125771	8.4	15
261	Benthic invertebrate and microbial biodiversity in sub-tropical urban rivers: Correlations with environmental variables and emerging chemicals. <i>Science of the Total Environment</i> , <b>2020</b> , 709, 136281	10.2	9
260	Subchronic effects of dietary selenium yeast and selenite on growth performance and the immune and antioxidant systems in Nile tilapia <i>Oreochromis niloticus</i> . <i>Fish and Shellfish Immunology</i> , <b>2020</b> , 97, 283-293	4.3	17
259	Microbial transformation of progesterone and dydrogesterone by bacteria from swine wastewater: Degradation kinetics and products identification. <i>Science of the Total Environment</i> , <b>2020</b> , 701, 134930	10.2	10
258	Understanding and predicting the diffusivity of organic chemicals for diffusive gradients in thin-films using a QSPR model. <i>Science of the Total Environment</i> , <b>2020</b> , 706, 135691	10.2	12
257	Emission estimation and fate modelling of three typical pesticides in Dongjiang River basin, China. <i>Environmental Pollution</i> , <b>2020</b> , 258, 113660	9.3	5
256	Selenomethionine exposure affects chondrogenic differentiation and bone formation in Japanese medaka ( <i>Oryzias latipes</i> ). <i>Journal of Hazardous Materials</i> , <b>2020</b> , 387, 121720	12.8	5
255	Kinetics and mechanism of reactive radical mediated fluconazole degradation by the UV/chlorine process: Experimental and theoretical studies. <i>Chemical Engineering Journal</i> , <b>2020</b> , 402, 126224	14.7	22
254	Removal of Sulfadiazine Using 3D Interconnected Petal-Like Magnetic Reduced Graphene Oxide (MrGO) Nanocomposites. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 1933	3	7
253	Transformation of diazepam in water during UV/chlorine and simulated sunlight/chlorine advanced oxidation processes. <i>Science of the Total Environment</i> , <b>2020</b> , 746, 141332	10.2	7
252	Emerging contaminants in aquatic environments and coastal waters affected by urban wastewater discharge in Thailand: An ecological risk perspective. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 204, 110952	7	11
251	Trace analysis of 28 antibiotics in plant tissues (root, stem, leaf and seed) by optimized QuEChERS pretreatment with UHPLC-MS/MS detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2020</b> , 1161, 122450	3.2	4
250	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> , <b>2020</b> , 139, 105719	12.9	34
249	Dydrogesterone affects the transcription of genes in visual cycle and circadian rhythm network in the eye of zebrafish. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 183, 109556	7	10
248	Occurrence, fate and risk assessment of biocides in wastewater treatment plants and aquatic environments in Thailand. <i>Science of the Total Environment</i> , <b>2019</b> , 690, 1110-1119	10.2	21
247	Occurrence, toxicity and transformation of six typical benzotriazoles in the environment: A review. <i>Science of the Total Environment</i> , <b>2019</b> , 661, 407-421	10.2	44

246	Fate and effects of sediment-associated polycyclic musk HHCB in subtropical freshwater microcosms. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 169, 902-910	7	6
245	Insights into the sediment toxicity of personal care products to freshwater oligochaete worms using Fourier transform infrared spectroscopy. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 172, 296-302	7	7
244	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> , <b>2019</b> , 251, 892-900	9.3	74
243	Microbial diversity and antibiotic resistome in swine farm environments. <i>Science of the Total Environment</i> , <b>2019</b> , 685, 197-207	10.2	37
242	Endocrine disrupting effects in western mosquitofish <i>Gambusia affinis</i> in two rivers impacted by untreated rural domestic wastewaters. <i>Science of the Total Environment</i> , <b>2019</b> , 683, 61-70	10.2	16
241	Antibiotic Residues in Food: Extraction, Analysis, and Human Health Concerns. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 7569-7586	5.7	109
240	Medroxyprogesterone acetate affects sex differentiation and spermatogenesis in zebrafish. <i>Aquatic Toxicology</i> , <b>2019</b> , 212, 70-76	5.1	8
239	Dydrogesterone exposure induces zebrafish ovulation but leads to oocytes over-ripening: An integrated histological and metabolomics study. <i>Environment International</i> , <b>2019</b> , 128, 390-398	12.9	26
238	Fate and effects of triclosan in subtropical river biofilms. <i>Aquatic Toxicology</i> , <b>2019</b> , 212, 11-19	5.1	4
237	Response of sediment bacterial community to triclosan in subtropical freshwater benthic microcosms. <i>Environmental Pollution</i> , <b>2019</b> , 248, 676-683	9.3	8
236	The effects of binary mixtures of estradiol and progesterone on transcriptional expression profiles of genes involved in hypothalamic-pituitary-gonadal axis and circadian rhythm signaling in embryonic zebrafish ( <i>Danio rerio</i> ). <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 174, 540-548	7	14
235	Removal of Antibiotics and Antibiotic Resistance Genes from Domestic Sewage by a Subsurface Wastewater Infiltration System with Long-Term Operations. <i>Environmental Engineering Science</i> , <b>2019</b> , 36, 863-872	2	7
234	Bioaccumulation, metabolism, and risk assessment of phenolic endocrine disrupting chemicals in specific tissues of wild fish. <i>Chemosphere</i> , <b>2019</b> , 226, 607-615	8.4	37
233	Fate and removal of antibiotics and antibiotic resistance genes in hybrid constructed wetlands. <i>Environmental Pollution</i> , <b>2019</b> , 249, 894-903	9.3	67
232	Persistence of androgens, progestogens, and glucocorticoids during commercial animal manure composting process. <i>Science of the Total Environment</i> , <b>2019</b> , 665, 91-99	10.2	25
231	Bioaccumulation and risks of 24 personal care products in plasma of wild fish from the Yangtze River, China. <i>Science of the Total Environment</i> , <b>2019</b> , 665, 810-819	10.2	18
230	Organophosphate flame retardants and bisphenol A in children's urine in Hong Kong: has the burden been underestimated?. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 183, 109502	7	13
229	Male-biased zebrafish sex differentiation and metabolomics profile changes caused by dydrogesterone. <i>Aquatic Toxicology</i> , <b>2019</b> , 214, 105242	5.1	5



228	The role of the freshwater oligochaete <i>Limnodrilus hoffmeisteri</i> in the distribution of Se in a water/sediment microcosm. <i>Science of the Total Environment</i> , <b>2019</b> , 687, 1098-1106	10.2	2
227	Ultra violet filters in the urine of preschool children and drinking water. <i>Environment International</i> , <b>2019</b> , 133, 105246	12.9	5
226	A Novel Model with GA Evolving FWNN for Effluent Quality and Biogas Production Forecast in a Full-Scale Anaerobic Wastewater Treatment Process. <i>Complexity</i> , <b>2019</b> , 2019, 1-13	1.6	1
225	Fate of veterinary antibiotics during animal manure composting. <i>Science of the Total Environment</i> , <b>2019</b> , 650, 1363-1370	10.2	78
224	New insight into the toxic effects of chloramphenicol and roxithromycin to algae using FTIR spectroscopy. <i>Aquatic Toxicology</i> , <b>2019</b> , 207, 197-207	5.1	26
223	Degradation of climbazole by UV/chlorine process: Kinetics, transformation pathway and toxicity evaluation. <i>Chemosphere</i> , <b>2019</b> , 219, 243-249	8.4	24
222	Occurrence, distribution and seasonal variation of five neonicotinoid insecticides in surface water and sediment of the Pearl Rivers, South China. <i>Chemosphere</i> , <b>2019</b> , 217, 437-446	8.4	83
221	Removal of steroid hormones and biocides from rural wastewater by an integrated constructed wetland. <i>Science of the Total Environment</i> , <b>2019</b> , 660, 358-365	10.2	44
220	Rapid masculinization and effects on the liver of female western mosquitofish ( <i>Gambusia affinis</i> ) by norethindrone. <i>Chemosphere</i> , <b>2019</b> , 216, 94-102	8.4	14
219	Dydrogesterone affects the transcription of genes in GnRH and steroidogenesis pathways and increases the frequency of atretic follicles in zebrafish ( <i>Danio rerio</i> ). <i>Chemosphere</i> , <b>2019</b> , 216, 725-732	8.4	11
218	Swine farm wastewater discharge causes masculinization of western mosquitofish ( <i>Gambusia affinis</i> ). <i>Environment International</i> , <b>2019</b> , 123, 132-140	12.9	15
217	Occurrence, fate and risk assessment of androgens in ten wastewater treatment plants and receiving rivers of South China. <i>Chemosphere</i> , <b>2018</b> , 201, 644-654	8.4	23
216	Determination of 24 personal care products in fish bile using hybrid solvent precipitation and dispersive solid phase extraction cleanup with ultrahigh performance liquid chromatography-tandem mass spectrometry and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2018</b> , 1551, 29-40	4.5	17
215	Antibiotic distribution, risk assessment, and microbial diversity in river water and sediment in Hong Kong. <i>Environmental Geochemistry and Health</i> , <b>2018</b> , 40, 2191-2203	4.7	24
214	Biocides in the river system of a highly urbanized region: A systematic investigation involving runoff input. <i>Science of the Total Environment</i> , <b>2018</b> , 624, 1023-1030	10.2	17
213	Modulation of transcription of genes related to the hypothalamic-pituitary-gonadal and the hypothalamic-pituitary-adrenal axes in zebrafish ( <i>Danio rerio</i> ) embryos/larvae by androstenedione. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 156, 403-408	7	10
212	Review of antibiotic resistance in China and its environment. <i>Environment International</i> , <b>2018</b> , 110, 160-172	12.9	635
211	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> , <b>2018</b> , 616-617, 816-823	10.2	94

210	Masculinization and reproductive effects in western mosquitofish ( <i>Gambusia affinis</i> ) after long-term exposure to androstenedione. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 147, 509-515	7	30
209	Personal care products in wild fish in two main Chinese rivers: Bioaccumulation potential and human health risks. <i>Science of the Total Environment</i> , <b>2018</b> , 621, 1093-1102	10.2	54
208	Reproductive effects of synthetic progestin norgestrel in zebrafish ( <i>Danio rerio</i> ). <i>Chemosphere</i> , <b>2018</b> , 190, 17-24	8.4	17
207	Tissue distribution, bioaccumulation characteristics and health risk of antibiotics in cultured fish from a typical aquaculture area. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 343, 140-148	12.8	90
206	Fate and effects of sediment-associated triclosan in subtropical freshwater microcosms. <i>Aquatic Toxicology</i> , <b>2018</b> , 202, 117-125	5.1	4
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204	Dydrogesterone Causes Male Bias and Accelerates Sperm Maturation in Zebrafish ( <i>Danio rerio</i> ). <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 8903-8911	10.3	30
203	Aqueous chlorination of benzodiazepines diazepam and oxazepam: Kinetics, transformation products and reaction pathways. <i>Chemical Engineering Journal</i> , <b>2018</b> , 354, 1100-1109	14.7	13
202	Triclosan-induced transcriptional and biochemical alterations in the freshwater green algae <i>Chlamydomonas reinhardtii</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 148, 393-401	7	32
201	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> , <b>2018</b> , 616-617, 453-461	10.2	153
200	A Hybrid Fuzzy Wavelet Neural Network Model with Self-Adapted Fuzzy c-Means Clustering and Genetic Algorithm for Water Quality Prediction in Rivers. <i>Complexity</i> , <b>2018</b> , 2018, 1-11	1.6	20
199	Remediation and Mitigation Strategies <b>2018</b> , 207-217		7
198	Ecological Risk Assessment of Pesticides Used in Agriculture <b>2018</b> , 67-79		4
197	Spatial distribution and environmental implications of heavy metals in typical lead (Pb)-zinc (Zn) mine tailings impoundments in Guangdong Province, South China. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 36702-36711	5.1	13
196	Occurrence, fate and mass loadings of antibiotics in two swine wastewater treatment systems. <i>Science of the Total Environment</i> , <b>2018</b> , 639, 1421-1431	10.2	57
195	Removal, biotransformation and toxicity variations of climbazole by freshwater algae <i>Scenedesmus obliquus</i> . <i>Environmental Pollution</i> , <b>2018</b> , 240, 534-540	9.3	32
194	Fourier-transform infrared spectroscopy as a novel approach to providing effect-based endpoints in duckweed toxicity testing. <i>Environmental Toxicology and Chemistry</i> , <b>2017</b> , 36, 346-353	3.8	13
193	China Must Reduce Its Antibiotic Use. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 1072-1073	10.3	85

192	Transcriptional and Biochemical Alterations in Zebrafish Eleuthero-Embryos ( <i>Danio rerio</i> ) After Exposure to Synthetic Progestogen Dydrogesterone. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2017</b> , 99, 39-45	2.7	11
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189	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> , <b>2017</b> , 589, 46-55	10.2	94
188	Removal of antibiotics from piggery wastewater by biological aerated filter system: Treatment efficiency and biodegradation kinetics. <i>Bioresource Technology</i> , <b>2017</b> , 238, 70-77	11	121
187	Nitrogen removal and its relationship with the nitrogen-cycle genes and microorganisms in the horizontal subsurface flow constructed wetlands with different design parameters. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2017</b> , 52, 804-818	2.3	9
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168	Feminization and masculinization of western mosquitofish ( <i>Gambusia affinis</i> ) observed in rivers impacted by municipal wastewaters. <i>Scientific Reports</i> , <b>2016</b> , 6, 20884	4.9	26
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