

Wenxiong Wang

List of Publications by Year in descending order

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461
papers

19,320
citations

13827

67
h-index

29081

104
g-index

462
all docs

462
docs citations

462
times ranked

12547
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioimaging of metals in environmental toxicological studies: Linking localization and functionality. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 3384-3414.	6.6	15
2	<i>In Situ</i> Generation of <i>N</i> -Heteroaromatic Polymers: Metal-Free Multicomponent Polymerization for Photopatterning, Morphological Imaging, and Cr(VI) Sensing. <i>CCS Chemistry</i> , 2022, 4, 2308-2320.	4.6	9
3	Bio-conditioning poly-dihydromyricetin zinc nanoparticles synthesis for advanced catalytic degradation and microbial inhibition. <i>Journal of Nanostructure in Chemistry</i> , 2022, 12, 903-917.	5.3	15
4	Cu-based nanoparticle toxicity to zebrafish cells regulated by cellular discharges. <i>Environmental Pollution</i> , 2022, 292, 118296.	3.7	13
5	Dynamics of trace metals with different size species in the Pearl River Estuary, Southern China. <i>Science of the Total Environment</i> , 2022, 807, 150712.	3.9	16
6	Multi-omics reveals the regulatory mechanisms of zinc exposure on the intestine-liver axis of golden pompano <i>Trachinotus ovatus</i> . <i>Science of the Total Environment</i> , 2022, 816, 151497.	3.9	6
7	Immune responses of oyster hemocyte subpopulations to <i>in vitro</i> and <i>in vivo</i> zinc exposure. <i>Aquatic Toxicology</i> , 2022, 242, 106022.	1.9	8
8	Functional heterogeneity of immune defenses in molluscan oysters <i>Crassostrea hongkongensis</i> revealed by high-throughput single-cell transcriptome. <i>Fish and Shellfish Immunology</i> , 2022, 120, 202-213.	1.6	17
9	Effective flocculation of harmful algae <i>Microcystis aeruginosa</i> by nanoscale metal-organic framework NH ₂ -MIL-101(Cr). <i>Chemical Engineering Journal</i> , 2022, 433, 134584.	6.6	17
10	Gut-microbial adaptation and transformation of silver nanoparticles mediated the detoxification of <i>Daphnia magna</i> and their offspring. <i>Environmental Science: Nano</i> , 2022, 9, 361-374.	2.2	4
11	Highly Sensitive and Specific Responses of Oyster Hemocytes to Copper Exposure: Single-Cell Transcriptomic Analysis of Different Cell Populations. <i>Environmental Science & Technology</i> , 2022, 56, 2497-2510.	4.6	24
12	Bioimaging revealed contrasting organelle-specific transport of copper and zinc and implication for toxicity. <i>Environmental Pollution</i> , 2022, 299, 118891.	3.7	7
13	Antibiotic application may raise the potential of methylmercury accumulation in fish. <i>Science of the Total Environment</i> , 2022, 819, 152946.	3.9	9
14	In situ high-resolution two-dimensional profiles of redox sensitive metal mobility in sediment-water interface and porewater from estuarine sediments. <i>Science of the Total Environment</i> , 2022, 820, 153034.	3.9	11
15	Improving Heat Resistance of Nile Tilapia (<i>Oreochromis niloticus</i>) by Dietary Zinc Supplementation. <i>Aquaculture Nutrition</i> , 2022, 2022, 1-12.	1.1	4
16	Molecular phylogenetic and morphometric analysis of population structure and demography of endangered threadfin fish <i>Eleutheronema</i> from Indo-Pacific waters. <i>Scientific Reports</i> , 2022, 12, 3455.	1.6	4
17	Roles of hemocyte subpopulations in silver nanoparticle transformation and toxicity in the oysters <i>Crassostrea hongkongensis</i> . <i>Environmental Pollution</i> , 2022, 305, 119281.	3.7	12
18	A yeast-based biosensor for silver nanoparticle accumulation and cellular dissolution. <i>Biosensors and Bioelectronics</i> , 2022, 205, 114082.	5.3	7

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19	Maternal transfer and biodistribution of citrate and luminogens coated silver nanoparticles in medaka fish. <i>Journal of Hazardous Materials</i> , 2022, 433, 128862.	6.5	9
20	Differential cascading cellular and subcellular toxicity induced by two sizes of nanoplastics. <i>Science of the Total Environment</i> , 2022, 829, 154593.	3.9	20
21	A green slurry electrolysis to recover valuable metals from waste printed circuit board (WPCB) in recyclable pH-neutral ethylene glycol. <i>Journal of Hazardous Materials</i> , 2022, 433, 128702.	6.5	14
22	Responses of two marine fish to organically complexed Zn: Insights from microbial community and liver transcriptomics. <i>Science of the Total Environment</i> , 2022, 835, 155457.	3.9	5
23	Decreasing mercury levels in consumer fish over the three decades of increasing mercury emissions in China. , 2022, 1, 46-52.		25
24	High Tolerance and Delayed Responses of <i>Daphnia magna</i> to Neonicotinoid Insecticide Imidacloprid: Toxicokinetic and Toxicodynamic Modeling. <i>Environmental Science & Technology</i> , 2021, 55, 458-467.	4.6	26
25	Intra- and Intercellular Silver Nanoparticle Translocation and Transformation in Oyster Gill Filaments: Coupling Nanoscale Secondary Ion Mass Spectrometry and Dual Stable Isotope Tracing Study. <i>Environmental Science & Technology</i> , 2021, 55, 433-446.	4.6	29
26	Methylmercury biomagnification in aquatic food webs of Poyang Lake, China: Insights from amino acid signatures. <i>Journal of Hazardous Materials</i> , 2021, 404, 123700.	6.5	22
27	Unique interplay between Zn ²⁺ and nZnO determined the dynamic cellular stress in zebrafish cells. <i>Environmental Science: Nano</i> , 2021, 8, 2324-2335.	2.2	2
28	PEGylated dihydromyricetin-loaded nanoliposomes coated with tea saponin inhibit bacterial oxidative respiration and energy metabolism. <i>Food and Function</i> , 2021, 12, 9007-9017.	2.1	31
29	Contribution of Dietary Uptake to PAH Bioaccumulation in a Simplified Pelagic Food Chain: Modeling the Influences of Continuous vs Intermittent Feeding in Zooplankton and Fish. <i>Environmental Science & Technology</i> , 2021, 55, 1930-1940.	4.6	26
30	Growth performance, tissue mineralization, antioxidant activity and immune response of <i>Oreochromis niloticus</i> fed with conventional and gluconic acid zinc dietary supplements. <i>Aquaculture Nutrition</i> , 2021, 27, 897-907.	1.1	13
31	Transfer and bioavailability of inorganic and organic arsenic in sediment-water-biota microcosm. <i>Aquatic Toxicology</i> , 2021, 232, 105763.	1.9	11
32	Novel Imaging of Silver Nanoparticle Uptake by a Unicellular Alga and Trophic Transfer to <i>Daphnia magna</i> . <i>Environmental Science & Technology</i> , 2021, 55, 5143-5151.	4.6	39
33	Protein molecular responses of field-collected oysters <i>Crassostrea hongkongensis</i> with greatly varying Cu and Zn body burdens. <i>Aquatic Toxicology</i> , 2021, 232, 105749.	1.9	5
34	In Situ DGT Sensing of Bioavailable Metal Fluxes to Improve Toxicity Predictions for Sediments. <i>Environmental Science & Technology</i> , 2021, 55, 7355-7364.	4.6	15
35	NanoSIMS Imaging of Bioaccumulation and Subcellular Distribution of Manganese During Oyster Gametogenesis. <i>Environmental Science & Technology</i> , 2021, 55, 8223-8235.	4.6	4
36	Adenine deficient yeast: A fluorescent biosensor for the detection of Labile Zn(II) in aqueous solution. <i>Biosensors and Bioelectronics</i> , 2021, 179, 113075.	5.3	11

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37	Accumulation of different metals in oyster <i>Crassostrea gigas</i> : Significance and specificity of SLC39A (ZIP) and SLC30A (ZnT) gene families and polymorphism variation. <i>Environmental Pollution</i> , 2021, 276, 116706.	3.7	9
38	The role of intestinal microbiota of the marine fish (<i>Acanthopagrus latus</i>) in mercury biotransformation. <i>Environmental Pollution</i> , 2021, 277, 116768.	3.7	22
39	Zinc source differentiation in hydrothermal vent mollusks: Insight from Zn isotope ratios. <i>Science of the Total Environment</i> , 2021, 773, 145653.	3.9	6
40	Cell Cycle Control of Nanoplastics Internalization in Phytoplankton. <i>ACS Nano</i> , 2021, 15, 12237-12248.	7.3	33
41	Size speciation of dissolved trace metals in hydrothermal plumes on the Southwest Indian Ridge. <i>Science of the Total Environment</i> , 2021, 771, 145367.	3.9	10
42	Real-time in vitro monitoring of the subcellular toxicity of inorganic Hg and methylmercury in zebrafish cells. <i>Aquatic Toxicology</i> , 2021, 236, 105859.	1.9	12
43	Feeding containing the aerial part of <i>Scutellaria baicalensis</i> promotes the growth and nutritive value of rabbit fish <i>Siganus fuscescens</i> . <i>Food Science and Nutrition</i> , 2021, 9, 4827-4838.	1.5	10
44	Copper promoting oyster larval growth and settlement: Molecular insights from RNA-seq. <i>Science of the Total Environment</i> , 2021, 784, 147159.	3.9	8
45	Silver nanowires kinetics and real-time imaging of in situ Ag ion dissolution in <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , 2021, 782, 146933.	3.9	5
46	Photodynamic control of harmful algal blooms by an ultra-efficient and degradable AIEgen-based photosensitizer. <i>Chemical Engineering Journal</i> , 2021, 417, 127890.	6.6	12
47	Integrated transcriptomics and proteomics revealed the distinct toxicological effects of multi-metal contamination on oysters. <i>Environmental Pollution</i> , 2021, 284, 117533.	3.7	5
48	Uptake, intracellular dissolution, and cytotoxicity of silver nanowires in cell models. <i>Chemosphere</i> , 2021, 281, 130762.	4.2	9
49	Distinguishing multiple Zn sources in oysters in a complex estuarine system using Zn isotope ratio signatures. <i>Environmental Pollution</i> , 2021, 289, 117941.	3.7	3
50	Temporal and spatial characteristics of PAHs in oysters from the Pearl River Estuary, China during 2015–2020. <i>Science of the Total Environment</i> , 2021, 793, 148495.	3.9	8
51	Toxicity assessment and underlying mechanisms of multiple metal organic frameworks using the green algae <i>Chlamydomonas reinhardtii</i> model. <i>Environmental Pollution</i> , 2021, 291, 118199.	3.7	20
52	Intracellular trafficking of silver nanoparticles and silver ions determined their specific mitotoxicity to the zebrafish cell line. <i>Environmental Science: Nano</i> , 2021, 8, 1364-1375.	2.2	12
53	Intracellular Biotransformation of Cu(II)/Cu(I) Explained High Cu Toxicity to Phytoplankton <i>Chlamydomonas reinhardtii</i> . <i>Environmental Science & Technology</i> , 2021, 55, 14772-14781.	4.6	19
54	Physiologically based pharmacokinetic model revealed the distinct bio-transportation and turnover of arsenobetaine and arsenate in marine fish. <i>Aquatic Toxicology</i> , 2021, 240, 105991.	1.9	10

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55	Real-Time 3D Framework Tracing of Extracellular Polymeric Substances by an AIE-Active Nanoprobe. ACS Sensors, 2021, 6, 4206-4216.	4.0	1
56	Boosting Cyanobacteria Growth by Fivefold with Aggregation-Induced Emission Luminogens: Toward the Development of a Biofactory. ACS Sustainable Chemistry and Engineering, 2021, 9, 15258-15266.	3.2	9
57	Optimum selenium requirement of juvenile Nile tilapia, <i>Oreochromis niloticus</i> . Aquaculture Nutrition, 2020, 26, 528-535.	1.1	9
58	Molecular responses of an estuarine oyster to multiple metal contamination in Southern China revealed by RNA-seq. Science of the Total Environment, 2020, 701, 134648.	3.9	15
59	Biodynamics of Silver Nanoparticles in an Estuarine Oyster Revealed by ^{110m} AgNP Tracing. Environmental Science & Technology, 2020, 54, 965-974.	4.6	15
60	Multicompartmental Toxicokinetic Modeling of Discrete Dietary and Continuous Waterborne Uptake of Two Polycyclic Aromatic Hydrocarbons by Zebrafish <i>Danio rerio</i> . Environmental Science & Technology, 2020, 54, 1054-1065.	4.6	16
61	Environmental Pollution of the Pearl River Estuary, China. Estuaries of the World, 2020, , .	0.1	7
62	Direct Visualization and Quantification of Maternal Transfer of Silver Nanoparticles in Zooplankton. Environmental Science & Technology, 2020, 54, 10763-10771.	4.6	19
63	Contrasting temporal dynamics of dissolved and colloidal trace metals in the Pearl River Estuary. Environmental Pollution, 2020, 265, 114955.	3.7	24
64	The herbal extract deriving from aerial parts of <i>Scutellaria baicalensis</i> shows anti-inflammation and anti-hypoxia responses in cultured fin cells from rabbit fish. Fish and Shellfish Immunology, 2020, 106, 71-78.	1.6	7
65	Subcellular Imaging of Localization and Transformation of Silver Nanoparticles in the Oyster Larvae. Environmental Science & Technology, 2020, 54, 11434-11442.	4.6	19
66	Synthesis and Efficacy of the <i>N</i> -carbamoyl-methionine Copper on the Growth Performance, Tissue Mineralization, Immunity, and Enzymatic Antioxidant Capacity of Nile tilapia (<i>Oreochromis</i>) Tj ETQq0 0 0 rgt /Overlock 10 TF		
67	Physiologically Based Pharmacokinetic Model for the Biotransportation of Arsenic in Marine Medaka (<i>Oryzias melastigma</i>). Environmental Science & Technology, 2020, 54, 7485-7493.	4.6	15
68	Synthesis of Zinc Oxide Eudragit FS30D Nanohybrids: Structure, Characterization, and Their Application as an Intestinal Drug Delivery System. ACS Omega, 2020, 5, 11799-11808.	1.6	32
69	The anti-bacterial effects of aerial parts of <i>Scutellaria baicalensis</i> : Potential application as an additive in aquaculture feedings. Aquaculture, 2020, 526, 735418.	1.7	15
70	Determination of the Low Hg Accumulation in Rabbitfish (<i>Siganus canaliculatus</i>) by Various Elimination Pathways: Simulation by a Physiologically Based Pharmacokinetic Model. Environmental Science & Technology, 2020, 54, 7440-7449.	4.6	4
71	Stochastic determination of the spatial variation of potentially pathogenic bacteria communities in a large subtropical river. Environmental Pollution, 2020, 264, 114683.	3.7	26
72	Allocation and stoichiometric regulation of phosphorus in a freshwater zooplankton under limited conditions: Implication for nutrient cycling. Science of the Total Environment, 2020, 728, 138795.	3.9	5

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73	Using Zn Isotopic Signatures for Source Identification in a Contaminated Estuary of Southern China. <i>Environmental Science & Technology</i> , 2020, 54, 5140-5149.	4.6	20
74	Semi-synthesis and characterization of some new matrine derivatives as insecticidal agents. <i>Pest Management Science</i> , 2020, 76, 2711-2719.	1.7	21
75	Identification of SNPs involved in Zn and Cu accumulation in the Pacific oyster (<i>Crassostrea gigas</i>) by genome-wide association analysis. <i>Ecotoxicology and Environmental Safety</i> , 2020, 192, 110208.	2.9	10
76	<i>In vivo</i> monitoring of tissue regeneration using a ratiometric lysosomal AIE probe. <i>Chemical Science</i> , 2020, 11, 3152-3163.	3.7	52
77	Spatial-temporal variations and trends prediction of trace metals in oysters from the Pearl River Estuary of China during 2011-2018. <i>Environmental Pollution</i> , 2020, 264, 114812.	3.7	29
78	Subcellular metal distribution in two deep-sea mollusks: Insight of metal adaptation and detoxification near hydrothermal vents. <i>Environmental Pollution</i> , 2020, 266, 115303.	3.7	8
79	Trace Metals in Pearl River Estuary Organisms. <i>Estuaries of the World</i> , 2020, , 57-91.	0.1	0
80	Trace Metal Contamination of Seafood from the Pearl River Estuary. <i>Estuaries of the World</i> , 2020, , 93-106.	0.1	0
81	Trace Metals and Ecotoxicological Effects in the Pearl River Estuary. <i>Estuaries of the World</i> , 2020, , 107-117.	0.1	0
82	Trace Metals in the Water Column and Sediments. <i>Estuaries of the World</i> , 2020, , 37-55.	0.1	0
83	Pollution in the Pearl River Estuary. <i>Estuaries of the World</i> , 2020, , 13-35.	0.1	8
84	Inter-species difference of copper accumulation in three species of marine mussels: Implication for biomonitoring. <i>Science of the Total Environment</i> , 2019, 692, 1029-1036.	3.9	15
85	The metabolic regulation of fenofibrate is dependent on dietary protein content in male juveniles of Nile tilapia (<i>Oreochromis niloticus</i>). <i>British Journal of Nutrition</i> , 2019, 122, 648-656.	1.2	10
86	Influences of different Fe sources on Fe bioavailability and homeostasis in SD rats. <i>Animal Science Journal</i> , 2019, 90, 1377-1387.	0.6	1
87	Biokinetics and subcellular distribution of metals in <i>Daphnia magna</i> following Zn exposure: Implication for metal regulation. <i>Science of the Total Environment</i> , 2019, 696, 134004.	3.9	5
88	Dissolution kinetics of zinc oxide nanoparticles: real-time monitoring using a Zn ²⁺ -specific fluorescent probe. <i>Environmental Science: Nano</i> , 2019, 6, 2259-2268.	2.2	18
89	Visualization of Biogenic Amines and <i>In Vivo</i> Ratiometric Mapping of Intestinal pH by AIE-Active Polyheterocycles Synthesized by Metal-Free Multicomponent Polymerizations. <i>Advanced Functional Materials</i> , 2019, 29, 1902240.	7.8	75
90	<i>In vivo</i> oral bioavailability of fish mercury and comparison with <i>in vitro</i> bioaccessibility. <i>Science of the Total Environment</i> , 2019, 683, 648-658.	3.9	15

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91	Applications of dynamic models in predicting the bioaccumulation, transport and toxicity of trace metals in aquatic organisms. <i>Environmental Pollution</i> , 2019, 252, 1561-1573.	3.7	46
92	Bioturbation effects on metal release from contaminated sediments are metal-dependent. <i>Environmental Pollution</i> , 2019, 250, 87-96.	3.7	22
93	Transcriptome analysis of differentially expressed genes in the fore- and hind-intestine of ovate pompano <i>Trachinotus ovatus</i> . <i>Aquaculture</i> , 2019, 508, 76-82.	1.7	8
94	Biomarker responses in oysters <i>Crassostrea hongkongensis</i> in relation to metal contamination patterns in the Pearl River Estuary, southern China. <i>Environmental Pollution</i> , 2019, 251, 264-276.	3.7	23
95	Differentiating Silver Nanoparticles and Ions in Medaka Larvae by Coupling Two Aggregation-Induced Emission Fluorophores. <i>Environmental Science & Technology</i> , 2019, 53, 5895-5905.	4.6	19
96	Zn Isotope Fractionation in the Oyster <i>Crassostrea hongkongensis</i> and Implications for Contaminant Source Tracking. <i>Environmental Science & Technology</i> , 2019, 53, 6402-6409.	4.6	19
97	Comparative contributions of copper nanoparticles and ions to copper bioaccumulation and toxicity in barnacle larvae. <i>Environmental Pollution</i> , 2019, 249, 116-124.	3.7	22
98	New insights into the chemical forms of extremely high methylmercury in songbird feathers from a contaminated site. <i>Chemosphere</i> , 2019, 225, 803-809.	4.2	10
99	Seasonal fluctuations of metal bioaccumulation and reproductive health of local oyster populations in a large contaminated estuary. <i>Environmental Pollution</i> , 2019, 250, 175-185.	3.7	32
100	The three \hat{B} ™ of fish mercury in China: Bioaccumulation, biodynamics and biotransformation. <i>Environmental Pollution</i> , 2019, 250, 216-232.	3.7	47
101	Establishing baseline trace metals in marine bivalves in China and worldwide: Meta-analysis and modeling approach. <i>Science of the Total Environment</i> , 2019, 669, 746-753.	3.9	37
102	Transducin \hat{I}^2 -like 1 X-linked receptor 1 (TLRL1) affects RGNNV infection through negative regulation of interferon immune response in orange-spotted grouper, <i>Epinephelus coioides</i> . <i>Fish and Shellfish Immunology</i> , 2019, 89, 76-82.	1.6	1
103	Novel Insights into the Role of Copper in Critical Life Stages of Oysters Revealed by High-Resolution NanoSIMS Imaging. <i>Environmental Science & Technology</i> , 2019, 53, 14724-14733.	4.6	17
104	Interaction of antibacterial silver nanoparticles and microbiota-dependent holobionts revealed by metatranscriptomic analysis. <i>Environmental Science: Nano</i> , 2019, 6, 3242-3255.	2.2	6
105	Characterization of <i>Bacillus subtilis</i> from gastrointestinal tract of hybrid Hulong grouper (<i>Epinephelus fuscoguttatus</i> \hat{A} – <i>E. lanceolatus</i>) and its effects as probiotic additives. <i>Fish and Shellfish Immunology</i> , 2019, 84, 1115-1124.	1.6	56
106	Dominant Role of Silver Ions in Silver Nanoparticle Toxicity to a Unicellular Alga: Evidence from Luminogen Imaging. <i>Environmental Science & Technology</i> , 2019, 53, 494-502.	4.6	53
107	Dietary metal bioavailability in razor clam <i>Sinonovacula constricta</i> under fluctuating seston environments. <i>Science of the Total Environment</i> , 2019, 653, 131-139.	3.9	8
108	Inter-species differences of total mercury and methylmercury in farmed fish in Southern China: Does feed matter?. <i>Science of the Total Environment</i> , 2019, 651, 1857-1866.	3.9	24

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109	Micro-elemental retention in rotifers and their trophic transfer to marine fish larvae: Influences of green algae enrichment. <i>Aquaculture</i> , 2019, 499, 374-380.	1.7	16
110	Rare earth elements in the Pearl River Delta of China: Potential impacts of the REE industry on water, suspended particles and oysters. <i>Environmental Pollution</i> , 2019, 244, 190-201.	3.7	82
111	Real-time monitoring of the dissolution kinetics of silver nanoparticles and nanowires in aquatic environments using an aggregation-induced emission fluorogen. <i>Chemical Communications</i> , 2018, 54, 4585-4588.	2.2	25
112	Understanding the micro-elemental nutrition in the larval stage of marine fish: A multi-elemental stoichiometry approach. <i>Aquaculture</i> , 2018, 488, 189-198.	1.7	14
113	Diet-specific trophic transfer of mercury in tilapia (<i>Oreochromis niloticus</i>): Biodynamic perspective. <i>Environmental Pollution</i> , 2018, 234, 288-296.	3.7	19
114	Uniquely high turnover of nickel in contaminated oysters <i>Crassostrea hongkongensis</i> : Biokinetics and subcellular distribution. <i>Aquatic Toxicology</i> , 2018, 194, 159-166.	1.9	12
115	Levels of trace elements, methylmercury and polybrominated diphenyl ethers in foraging green turtles in the South China region and their conservation implications. <i>Environmental Pollution</i> , 2018, 234, 735-742.	3.7	19
116	Modeling the Toxicokinetics of Multiple Metals in the Oyster <i>Crassostrea hongkongensis</i> in a Dynamic Estuarine Environment. <i>Environmental Science & Technology</i> , 2018, 52, 484-492.	4.6	30
117	Tissue-specific molecular and cellular toxicity of Pb in the oyster (<i>Crassostrea gigas</i>): mRNA expression and physiological studies. <i>Aquatic Toxicology</i> , 2018, 198, 257-268.	1.9	37
118	Trace metals and macroelements in mussels from Chinese coastal waters: National spatial patterns and normalization. <i>Science of the Total Environment</i> , 2018, 626, 307-318.	3.9	29
119	Arsenic biokinetics and bioavailability in deposit-feeding clams and polychaetes. <i>Science of the Total Environment</i> , 2018, 616-617, 594-601.	3.9	9
120	Speciation, mobilization, and bioaccessibility of arsenic in geogenic soil profile from Hong Kong. <i>Environmental Pollution</i> , 2018, 232, 375-384.	3.7	83
121	Water Analysis: Seawater Inorganic Compounds for the Environmental Analysis. , 2018, , 353-353.		0
122	In Vivo Bioimaging of Silver Nanoparticle Dissolution in the Gut Environment of Zooplankton. <i>ACS Nano</i> , 2018, 12, 12212-12223.	7.3	49
123	Spatial and temporal variations of bulk and colloidal dissolved organic matter in a large anthropogenically perturbed estuary. <i>Environmental Pollution</i> , 2018, 243, 1528-1538.	3.7	28
124	A lipidomic approach to understand copper resilience in oyster <i>Crassostrea hongkongensis</i> . <i>Aquatic Toxicology</i> , 2018, 204, 160-170.	1.9	44
125	Metal accumulation, growth and reproduction of razor clam <i>Sinonovacula constricta</i> transplanted in a multi-metal contaminated estuary. <i>Science of the Total Environment</i> , 2018, 636, 829-837.	3.9	19
126	Multi-compartmental toxicokinetic modeling of fipronil in tilapia: Accumulation, biotransformation and elimination. <i>Journal of Hazardous Materials</i> , 2018, 360, 420-427.	6.5	28

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127	Multiple trace element accumulation in the mussel <i>Septifer virgatus</i> : Counteracting effects of salinity on uptake and elimination. <i>Environmental Pollution</i> , 2018, 242, 375-382.	3.7	13
128	Trace metals in oysters: molecular and cellular mechanisms and ecotoxicological impacts. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 892-912.	1.7	48
129	Seasonal and spatial variations of biomarker responses of rock oysters in a coastal environment influenced by large estuary input. <i>Environmental Pollution</i> , 2018, 242, 1253-1265.	3.7	22
130	Aging Influences on the Biokinetics of Functional TiO ₂ Nanoparticles with Different Surface Chemistries in <i>Daphnia magna</i> . <i>Environmental Science & Technology</i> , 2018, 52, 7901-7909.	4.6	14
131	Prey-specific determination of arsenic bioaccumulation and transformation in a marine benthic fish. <i>Science of the Total Environment</i> , 2017, 586, 296-303.	3.9	18
132	Copper-induced metabolic variation of oysters overwhelmed by salinity effects. <i>Chemosphere</i> , 2017, 174, 331-341.	4.2	18
133	Oyster-based national mapping of trace metals pollution in the Chinese coastal waters. <i>Environmental Pollution</i> , 2017, 224, 658-669.	3.7	84
134	Chronic effects of copper in oysters <i>Crassostrea hongkongensis</i> under different exposure regimes as shown by NMR-based metabolomics. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2428-2435.	2.2	12
135	Mercury exposure and source tracking in distinct marine-caged fish farm in southern China. <i>Environmental Pollution</i> , 2017, 220, 1138-1146.	3.7	32
136	In Vivo Mercury Demethylation in a Marine Fish (<i>Acanthopagrus schlegeli</i>). <i>Environmental Science & Technology</i> , 2017, 51, 6441-6451.	4.6	74
137	Size partitioning and mixing behavior of trace metals and dissolved organic matter in a South China estuary. <i>Science of the Total Environment</i> , 2017, 603-604, 434-444.	3.9	50
138	Trace metal behavior in sediments of Jiulong River Estuary and implication for benthic exchange fluxes. <i>Environmental Pollution</i> , 2017, 225, 598-609.	3.7	32
139	Alleviation of mercury toxicity to a marine copepod under multigenerational exposure by ocean acidification. <i>Scientific Reports</i> , 2017, 7, 324.	1.6	27
140	The protective roles of TiO ₂ nanoparticles against UV-B toxicity in <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , 2017, 593-594, 47-53.	3.9	15
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