

Paul K S Lam

List of Publications by Year in descending order

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443
papers

29,128
citations

3874

91
h-index

10679

143
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443
all docs

443
docs citations

443
times ranked

23287
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding plastic degradation and microplastic formation in the environment: A review. <i>Environmental Pollution</i> , 2021, 274, 116554.	3.7	559
2	Bisphenol A and other bisphenol analogues including BPS and BPF in surface water samples from Japan, China, Korea and India. <i>Ecotoxicology and Environmental Safety</i> , 2015, 122, 565-572.	2.9	446
3	Removal of antibiotics from wastewater by sewage treatment facilities in Hong Kong and Shenzhen, China. <i>Water Research</i> , 2008, 42, 395-403.	5.3	421
4	Occurrence and Characteristics of Microplastic Pollution in Xiangxi Bay of Three Gorges Reservoir, China. <i>Environmental Science & Technology</i> , 2017, 51, 3794-3801.	4.6	393
5	Perfluorinated Compounds in Coastal Waters of Hong Kong, South China, and Korea. <i>Environmental Science & Technology</i> , 2004, 38, 4056-4063.	4.6	368
6	Relationships between tissue concentrations of polycyclic aromatic hydrocarbons and antioxidative responses of marine mussels, <i>Perna viridis</i> . <i>Aquatic Toxicology</i> , 2001, 52, 189-203.	1.9	353
7	Multivariate statistical evaluation of dissolved trace elements and a water quality assessment in the middle reaches of Huaihe River, Anhui, China. <i>Science of the Total Environment</i> , 2017, 583, 421-431.	3.9	330
8	Microplastic pollution in China's inland water systems: A review of findings, methods, characteristics, effects, and management. <i>Science of the Total Environment</i> , 2018, 630, 1641-1653.	3.9	321
9	Distribution, fate and risk assessment of antibiotics in sewage treatment plants in Hong Kong, South China. <i>Environment International</i> , 2012, 42, 1-9.	4.8	320
10	Distribution of polyfluoroalkyl compounds in water, suspended particulate matter and sediment from Tokyo Bay, Japan. <i>Chemosphere</i> , 2010, 79, 266-272.	4.2	314
11	Perfluorooctanesulfonate and Related Fluorochemicals in Human Blood Samples from China. <i>Environmental Science & Technology</i> , 2006, 40, 715-720.	4.6	308
12	Developmental toxicity and alteration of gene expression in zebrafish embryos exposed to PFOS. <i>Toxicology and Applied Pharmacology</i> , 2008, 230, 23-32.	1.3	307
13	Emerging chemicals of concern: Pharmaceuticals and personal care products (PPCPs) in Asia, with particular reference to Southern China. <i>Marine Pollution Bulletin</i> , 2005, 50, 913-920.	2.3	306
14	Aquatic Hypoxia Is an Endocrine Disruptor and Impairs Fish Reproduction. <i>Environmental Science & Technology</i> , 2003, 37, 1137-1141.	4.6	305
15	Perfluorinated compounds in the Pearl River and Yangtze River of China. <i>Chemosphere</i> , 2007, 68, 2085-2095.	4.2	302
16	Perfluorinated acids as novel chemical tracers of global circulation of ocean waters. <i>Chemosphere</i> , 2008, 70, 1247-1255.	4.2	297
17	Occurrence, distribution and ecological risk assessment of multiple classes of UV filters in surface waters from different countries. <i>Water Research</i> , 2014, 67, 55-65.	5.3	296
18	Induction of oxidative stress and apoptosis by PFOS and PFOA in primary cultured hepatocytes of freshwater tilapia (<i>Oreochromis niloticus</i>). <i>Aquatic Toxicology</i> , 2007, 82, 135-143.	1.9	289

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19	Perfluorinated Compounds in Tap Water from China and Several Other Countries. <i>Environmental Science & Technology</i> , 2009, 43, 4824-4829.	4.6	280
20	Trophic Magnification of Poly- and Perfluorinated Compounds in a Subtropical Food Web. <i>Environmental Science & Technology</i> , 2011, 45, 5506-5513.	4.6	254
21	Health Risks in Infants Associated with Exposure to Perfluorinated Compounds in Human Breast Milk from Zhoushan, China. <i>Environmental Science & Technology</i> , 2006, 40, 2924-2929.	4.6	253
22	The use of biomarkers in environmental monitoring programmes. <i>Marine Pollution Bulletin</i> , 2003, 46, 182-186.	2.3	241
23	Hexabromocyclododecane-induced developmental toxicity and apoptosis in zebrafish embryos. <i>Aquatic Toxicology</i> , 2009, 93, 29-36.	1.9	240
24	Antibiotics in the Hong Kong metropolitan area: Ubiquitous distribution and fate in Victoria Harbour. <i>Marine Pollution Bulletin</i> , 2009, 58, 1052-1062.	2.3	237
25	Polybrominated diphenyl ether in the East Asian environment: A critical review. <i>Environment International</i> , 2007, 33, 963-973.	4.8	220
26	Pharmaceuticals in Tap Water: Human Health Risk Assessment and Proposed Monitoring Framework in China. <i>Environmental Health Perspectives</i> , 2013, 121, 839-846.	2.8	211
27	Gene Expression Profiles in Rat Liver Treated With Perfluorooctanoic Acid (PFOA). <i>Toxicological Sciences</i> , 2006, 89, 93-107.	1.4	202
28	Partitioning Behavior of Per- and Polyfluoroalkyl Compounds between Pore Water and Sediment in Two Sediment Cores from Tokyo Bay, Japan. <i>Environmental Science & Technology</i> , 2009, 43, 6969-6975.	4.6	202
29	Persistent Perfluorinated Acids in Seafood Collected from Two Cities of China. <i>Environmental Science & Technology</i> , 2006, 40, 3736-3741.	4.6	194
30	Bioconcentration and Transfer of the Organophorous Flame Retardant 1,3-Dichloro-2-propyl Phosphate Causes Thyroid Endocrine Disruption and Developmental Neurotoxicity in Zebrafish Larvae. <i>Environmental Science & Technology</i> , 2015, 49, 5123-5132.	4.6	194
31	Analysis of trifluoroacetic acid and other short-chain perfluorinated acids (C2-C4) in precipitation by liquid chromatography-tandem mass spectrometry: Comparison to patterns of long-chain perfluorinated acids (C5-C18). <i>Analytica Chimica Acta</i> , 2008, 619, 221-230.	2.6	192
32	Seasonal occurrence, removal efficiencies and preliminary risk assessment of multiple classes of organic UV filters in wastewater treatment plants. <i>Water Research</i> , 2014, 53, 58-67.	5.3	189
33	Human health risk assessment of organochlorines associated with fish consumption in a coastal city in China. <i>Environmental Pollution</i> , 2005, 136, 155-165.	3.7	187
34	Parental Transfer of Polybrominated Diphenyl Ethers (PBDEs) and Thyroid Endocrine Disruption in Zebrafish. <i>Environmental Science & Technology</i> , 2011, 45, 10652-10659.	4.6	183
35	Determination of trace levels of total fluorine in water using combustion ion chromatography for fluorine: A mass balance approach to determine individual perfluorinated chemicals in water. <i>Journal of Chromatography A</i> , 2007, 1143, 98-104.	1.8	178
36	Bioconcentration, metabolism and neurotoxicity of the organophorous flame retardant 1,3-dichloro 2-propyl phosphate (TDCPP) to zebrafish. <i>Aquatic Toxicology</i> , 2015, 158, 108-115.	1.9	174

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37	Partitioning of perfluorooctanoate (PFOA), perfluorooctane sulfonate (PFOS) and perfluorooctane sulfonamide (PFOSA) between water and sediment. <i>Chemosphere</i> , 2011, 85, 731-737.	4.2	172
38	Phosphorus plays an important role in enhancing biodiesel productivity of <i>Chlorella vulgaris</i> under nitrogen deficiency. <i>Bioresource Technology</i> , 2013, 134, 341-346.	4.8	172
39	Impact of marine fish farming on water quality and bottom sediment: A case study in the sub-tropical environment. <i>Marine Environmental Research</i> , 1994, 38, 115-145.	1.1	171
40	Occurrence, Distribution, and Fate of Organic UV Filters in Coral Communities. <i>Environmental Science & Technology</i> , 2017, 51, 4182-4190.	4.6	167
41	Comparison of tropical and temperate freshwater animal species' acute sensitivities to chemicals: Implications for deriving safe extrapolation factors. <i>Integrated Environmental Assessment and Management</i> , 2007, 3, 49-67.	1.6	160
42	Perfluorinated Compounds and Total and Extractable Organic Fluorine in Human Blood Samples from China. <i>Environmental Science & Technology</i> , 2008, 42, 8140-8145.	4.6	160
43	Temporal Trends of Hexabromocyclododecanes (HBCDs) and Polybrominated Diphenyl Ethers (PBDEs) and Detection of Two Novel Flame Retardants in Marine Mammals from Hong Kong, South China. <i>Environmental Science & Technology</i> , 2009, 43, 6944-6949.	4.6	159
44	Global Pollution Monitoring of Polybrominated Diphenyl Ethers Using Skipjack Tuna as a Bioindicator. <i>Environmental Science & Technology</i> , 2004, 38, 2312-2316.	4.6	158
45	The occurrence of selected antibiotics in Hong Kong coastal waters. <i>Marine Pollution Bulletin</i> , 2007, 54, 1287-1293.	2.3	155
46	Prenatal Transfer of Polybrominated Diphenyl Ethers (PBDEs) Results in Developmental Neurotoxicity in Zebrafish Larvae. <i>Environmental Science & Technology</i> , 2012, 46, 9727-9734.	4.6	147
47	Toxicology and Risk Assessment of Freshwater Cyanobacterial (Blue-Green Algal) Toxins in Water. <i>Reviews of Environmental Contamination and Toxicology</i> , 2000, 163, 113-185.	0.7	146
48	Asia-Pacific mussel watch for emerging pollutants: Distribution of synthetic musks and benzotriazole UV stabilizers in Asian and US coastal waters. <i>Marine Pollution Bulletin</i> , 2012, 64, 2211-2218.	2.3	146
49	Distribution and fate of perfluoroalkyl substances in municipal wastewater treatment plants in economically developed areas of China. <i>Environmental Pollution</i> , 2013, 176, 10-17.	3.7	143
50	Cylindrospermopsin, A Cyanobacterial Alkaloid: Evaluation of Its Toxicologic Activity. <i>Therapeutic Drug Monitoring</i> , 2000, 22, 89-92.	1.0	142
51	Polybrominated diphenyl ethers (PBDEs) in sediments and mussel tissues from Hong Kong marine waters. <i>Marine Pollution Bulletin</i> , 2005, 50, 1173-1184.	2.3	140
52	Levels and bioaccumulation of organochlorine pesticides (OCPs) and polybrominated diphenyl ethers (PBDEs) in fishes from the Pearl River estuary and Daya Bay, South China. <i>Environmental Pollution</i> , 2008, 152, 604-611.	3.7	138
53	Developmental exposure to the organophosphorus flame retardant tris(1,3-dichloro-2-propyl) phosphate: Estrogenic activity, endocrine disruption and reproductive effects on zebrafish. <i>Aquatic Toxicology</i> , 2015, 160, 163-171.	1.9	138
54	DNA Adduct Formation and DNA Strand Breaks in Green-lipped Mussels (<i>Perna viridis</i>) Exposed to Benzo[a]pyrene: Dose- and Time-Dependent Relationships. <i>Marine Pollution Bulletin</i> , 2001, 42, 603-610.	2.3	137

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55	Mussel-based monitoring of trace metal and organic contaminants along the east coast of China using <i>Perna viridis</i> and <i>Mytilus edulis</i> . <i>Environmental Pollution</i> , 2004, 127, 203-216.	3.7	136
56	Dysbiosis of gut microbiota by chronic coexposure to titanium dioxide nanoparticles and bisphenol A: Implications for host health in zebrafish. <i>Environmental Pollution</i> , 2018, 234, 307-317.	3.7	136
57	PERFLUORINATED COMPOUNDS IN STREAMS OF THE SHIHWA INDUSTRIAL ZONE AND LAKE SHIHWA, SOUTH KOREA. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2374.	2.2	135
58	A survey of perfluorinated compounds in surface water and biota including dolphins from the Ganges River and in other waterbodies in India. <i>Chemosphere</i> , 2009, 76, 55-62.	4.2	133
59	Pollution monitoring in Southeast Asia using biomarkers in the mytilid mussel <i>Perna viridis</i> (<i>Mytilidae: Bivalvia</i>). <i>Environment International</i> , 2005, 31, 121-132.	4.8	131
60	Perfluoroalkyl Substances (PFASs) in Marine Mammals from the South China Sea and Their Temporal Changes 2002–2014: Concern for Alternatives of PFOS?. <i>Environmental Science & Technology</i> , 2016, 50, 6728-6736.	4.6	128
61	Asian Mussel Watch Program: Contamination Status of Polybrominated Diphenyl Ethers and Organochlorines in Coastal Waters of Asian Countries. <i>Environmental Science & Technology</i> , 2007, 41, 4580-4586.	4.6	126
62	Removal of Cu(II) in aqueous media by biosorption using water hyacinth roots as a biosorbent material. <i>Journal of Hazardous Materials</i> , 2009, 171, 780-785.	6.5	124
63	Au Nanoparticles Decorated TiO ₂ Nanotube Arrays as a Recyclable Sensor for Photoenhanced Electrochemical Detection of Bisphenol A. <i>Environmental Science & Technology</i> , 2016, 50, 4430-4438.	4.6	124
64	Effects of nutrients, salinity, pH and light:dark cycle on the production of reactive oxygen species in the alga <i>Chattonella marina</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 346, 76-86.	0.7	123
65	Transport of Perfluoroalkyl substances (PFAS) from an arctic glacier to downstream locations: Implications for sources. <i>Science of the Total Environment</i> , 2013, 447, 46-55.	3.9	123
66	Genotoxicity investigation of a cyanobacterial toxin, cylindrospermopsin. <i>Toxicon</i> , 2002, 40, 1499-1501.	0.8	120
67	Persistent toxic substances in remote lake and coastal sediments from Svalbard, Norwegian Arctic: Levels, sources and fluxes. <i>Environmental Pollution</i> , 2009, 157, 1342-1351.	3.7	119
68	Use of biomarkers in environmental monitoring. <i>Ocean and Coastal Management</i> , 2009, 52, 348-354.	2.0	118
69	Occurrence, distribution and ecological risk assessment of multiple classes of UV filters in marine sediments in Hong Kong and Japan. <i>Journal of Hazardous Materials</i> , 2015, 292, 180-187.	6.5	118
70	Antioxidant responses to polycyclic aromatic hydrocarbons and organochlorine pesticides in green-lipped mussels (<i>Perna viridis</i>): Do mussels integrate biomarker responses?. <i>Marine Pollution Bulletin</i> , 2008, 57, 503-514.	2.3	117
71	Flux of Perfluorinated Chemicals through Wet Deposition in Japan, the United States, And Several Other Countries. <i>Environmental Science & Technology</i> , 2010, 44, 7043-7049.	4.6	117
72	Application of the comet and micronucleus assays to the detection of B[a]P genotoxicity in haemocytes of the green-lipped mussel (<i>Perna viridis</i>). <i>Aquatic Toxicology</i> , 2004, 66, 381-392.	1.9	116

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73	Perfluorinated Acid Isomer Profiling in Water and Quantitative Assessment of Manufacturing Source. <i>Environmental Science & Technology</i> , 2010, 44, 9049-9054.	4.6	116
74	The environmental characteristics of usage of coal gangue in bricking-making: A case study at Huainan, China. <i>Chemosphere</i> , 2014, 95, 274-280.	4.2	114
75	Effects of 20 PBDE metabolites on steroidogenesis in the H295R cell line. <i>Toxicology Letters</i> , 2008, 176, 230-238.	0.4	113
76	Perfluoroalkyl substances and extractable organic fluorine in surface sediments and cores from Lake Ontario. <i>Environment International</i> , 2013, 59, 389-397.	4.8	112
77	Trace analysis of total fluorine in human blood using combustion ion chromatography for fluorine: A mass balance approach for the determination of known and unknown organofluorine compounds. <i>Journal of Chromatography A</i> , 2007, 1154, 214-221.	1.8	109
78	Emissive Terbium Probe for Multiphoton <i>in Vitro</i> Cell Imaging. <i>Journal of the American Chemical Society</i> , 2008, 130, 3714-3715.	6.6	106
79	Alkaline Digestion and Solid Phase Extraction Method for Perfluorinated Compounds in Mussels and Oysters from South China and Japan. <i>Archives of Environmental Contamination and Toxicology</i> , 2006, 50, 240-248.	2.1	105
80	Disruption of endocrine function in <i>in vitro</i> H295R cell-based and <i>in vivo</i> assay in zebrafish by 2,4-dichlorophenol. <i>Aquatic Toxicology</i> , 2012, 106-107, 173-181.	1.9	104
81	An Asian quandary: where have all of the PBDEs gone?. <i>Marine Pollution Bulletin</i> , 2004, 49, 375-382.	2.3	103
82	Antioxidant responses to benzo[a]pyrene and Aroclor 1254 exposure in the green-lipped mussel, <i>Perna viridis</i> . <i>Environmental Pollution</i> , 2004, 128, 393-403.	3.7	101
83	Occurrence and distribution of conventional and new classes of per- and polyfluoroalkyl substances (PFASs) in the South China Sea. <i>Journal of Hazardous Materials</i> , 2015, 285, 389-397.	6.5	101
84	Occurrence and distribution of polybrominated diphenyl ethers (PBDEs) in the dissolved and suspended phases of the sea-surface microlayer and seawater in Hong Kong, China. <i>Chemosphere</i> , 2006, 65, 1660-1666.	4.2	100
85	Does wet precipitation represent local and regional atmospheric transportation by perfluorinated alkyl substances?. <i>Environment International</i> , 2013, 55, 25-32.	4.8	99
86	Assessment of organophosphorus flame retardants and plasticizers in aquatic environments of China (Pearl River Delta, South China Sea, Yellow River Estuary) and Japan (Tokyo Bay). <i>Journal of Hazardous Materials</i> , 2019, 371, 288-294.	6.5	98
87	Polybrominated diphenyl ethers (PBDEs) and organochlorines in small cetaceans from Hong Kong waters: Levels, profiles and distribution. <i>Marine Pollution Bulletin</i> , 2005, 51, 669-676.	2.3	97
88	Distribution of perfluorinated compounds in surface seawaters between Asia and Antarctica. <i>Marine Pollution Bulletin</i> , 2007, 54, 1813-1818.	2.3	97
89	Risk to breeding success of fish-eating Ardeids due to persistent organic contaminants in Hong Kong: evidence from organochlorine compounds in eggs. <i>Water Research</i> , 2003, 37, 459-467.	5.3	96
90	Acute exposure to PBDEs at an environmentally realistic concentration causes abrupt changes in the gut microbiota and host health of zebrafish. <i>Environmental Pollution</i> , 2018, 240, 17-26.	3.7	96

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91	Global Pollution Monitoring of PCBs and Organochlorine Pesticides Using Skipjack Tuna as a Bioindicator. <i>Archives of Environmental Contamination and Toxicology</i> , 2003, 45, 378-89.	2.1	95
92	Occurrence and distribution of per- and polyfluoroalkyl substances (PFASs) in the seawater and sediment of the South China sea coastal region. <i>Chemosphere</i> , 2019, 231, 468-477.	4.2	95
93	Temporal Trends and Pattern Changes of Short- and Medium-Chain Chlorinated Paraffins in Marine Mammals from the South China Sea over the Past Decade. <i>Environmental Science & Technology</i> , 2015, 49, 11348-11355.	4.6	94
94	Geographical distribution of polybrominated diphenyl ethers (PBDEs) and organochlorines in small cetaceans from Asian waters. <i>Chemosphere</i> , 2006, 64, 287-295.	4.2	93
95	Spatial distribution and removal performance of pharmaceuticals in municipal wastewater treatment plants in China. <i>Science of the Total Environment</i> , 2017, 586, 1162-1169.	3.9	93
96	Comparative toxicities of four benzophenone ultraviolet filters to two life stages of two coral species. <i>Science of the Total Environment</i> , 2019, 651, 2391-2399.	3.9	92
97	Partitioning and transformation behavior of toxic elements during circulated fluidized bed combustion of coal gangue. <i>Fuel</i> , 2014, 135, 1-8.	3.4	91
98	Effect of phosphorus on biodiesel production from <i>Scenedesmus obliquus</i> under nitrogen-deficiency stress. <i>Bioresource Technology</i> , 2014, 152, 241-246.	4.8	90
99	Deriving Sediment Quality Guidelines from Field-Based Species Sensitivity Distributions. <i>Environmental Science & Technology</i> , 2005, 39, 5148-5156.	4.6	89
100	Toxicological effects of two organic ultraviolet filters and a related commercial sunscreen product in adult corals. <i>Environmental Pollution</i> , 2019, 245, 462-471.	3.7	88
101	Toxicity and uptake mechanism of cylindrospermopsin and lophytomin in primary rat hepatocytes. <i>Toxicol</i> , 2002, 40, 205-211.	0.8	86
102	Estimating daily and diurnal variations of illicit drug use in Hong Kong: A pilot study of using wastewater analysis in an Asian metropolitan city. <i>Forensic Science International</i> , 2013, 233, 126-132.	1.3	86
103	Changes of accumulation profiles from PBDEs to brominated and chlorinated alternatives in marine mammals from the South China Sea. <i>Environment International</i> , 2014, 66, 65-70.	4.8	86
104	Total fluorine, extractable organic fluorine, perfluorooctane sulfonate and other related fluorochemicals in liver of Indo-Pacific humpback dolphins (<i>Sousa chinensis</i>) and finless porpoises (<i>Neophocaena phocaenoides</i>) from South China. <i>Environmental Pollution</i> , 2009, 157, 17-23.	3.7	85
105	Petroleum hydrocarbons and polycyclic aromatic hydrocarbons in the surficial sediments of Xiamen Harbour and Yuan Dan Lake, China. <i>Chemosphere</i> , 2004, 56, 107-112.	4.2	84
106	Detections of Commercial Fluorosurfactants in Hong Kong Marine Environment and Human Blood: A Pilot Study. <i>Environmental Science & Technology</i> , 2013, 47, 4677-4685.	4.6	83
107	Release of Microplastics from Discarded Surgical Masks and Their Adverse Impacts on the Marine Copepod <i>Tigriopus japonicus</i> . <i>Environmental Science and Technology Letters</i> , 2021, 8, 1065-1070.	3.9	83
108	Distribution and transportability of hexabromocyclododecane (HBCD) in the Asia-Pacific region using skipjack tuna as a bioindicator. <i>Environmental Pollution</i> , 2006, 144, 238-247.	3.7	82

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109	Evidence for the involvement of xenobiotic-responsive nuclear receptors in transcriptional effects upon perfluoroalkyl acid exposure in diverse species. <i>Reproductive Toxicology</i> , 2009, 27, 266-277.	1.3	81
110	Petroleum hydrocarbons, polycyclic aromatic hydrocarbons, organochlorine pesticides and polychlorinated biphenyls in tissues of Indo-Pacific humpback dolphins from south China waters. <i>Marine Pollution Bulletin</i> , 2005, 50, 1713-1719.	2.3	79
111	Waterborne exposure to fluorotelomer alcohol 6:2 FTOH alters plasma sex hormone and gene transcription in the hypothalamic-pituitary-gonadal (HPG) axis of zebrafish. <i>Aquatic Toxicology</i> , 2009, 93, 131-137.	1.9	79
112	Biosynthesis of high yield fatty acids from <i>Chlorella vulgaris</i> NIES-227 under nitrogen starvation stress during heterotrophic cultivation. <i>Water Research</i> , 2015, 81, 294-300.	5.3	78
113	Dysregulation of Intestinal Health by Environmental Pollutants: Involvement of the Estrogen Receptor and Aryl Hydrocarbon Receptor. <i>Environmental Science & Technology</i> , 2018, 52, 2323-2330.	4.6	78
114	Insights into perfluorooctane sulfonate photodegradation in a catalyst-free aqueous solution. <i>Scientific Reports</i> , 2015, 5, 9353.	1.6	77
115	Field validation of antioxidant enzyme biomarkers in mussels (<i>Perna viridis</i>) and clams (<i>Ruditapes</i>) Tj ETQq1 1 0.784314 rgBT/Overlo 2.3 76	2.3	76
116	Bioenergetics and RNA/DNA ratios in the common carp (<i>Cyprinus carpio</i>) under hypoxia. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2001, 171, 49-57.	0.7	75
117	Concentrations of polybrominated diphenyl ethers (PBDEs) in Pearl River Delta sediments. <i>Marine Pollution Bulletin</i> , 2004, 49, 520-524.	2.3	75
118	Protein Profiles in Zebrafish (<i>Danio rerio</i>) Embryos Exposed to Perfluorooctane Sulfonate. <i>Toxicological Sciences</i> , 2009, 110, 334-340.	1.4	75
119	Concentrations of Persistent Organic Pollutants in Surface Sediments of the Mudflat and Mangroves at Mai Po Marshes Nature Reserve, Hong Kong. <i>Marine Pollution Bulletin</i> , 2000, 40, 1210-1214.	2.3	74
120	Distribution and sources of polycyclic aromatic hydrocarbons in the sediment of a sub-tropical coastal wetland. <i>Water Research</i> , 2002, 36, 1457-1468.	5.3	74
121	Exposure of spermatozoa to duroquinone may impair reproduction of the common carp (<i>Cyprinus</i>) Tj ETQq1 1 0.784314 rgBT/Overlo 1.9 74	1.9	74
122	Functionalized Europium Nanorods for In Vitro Imaging. <i>Inorganic Chemistry</i> , 2008, 47, 5190-5196.	1.9	74
123	Thermochemical and trace element behavior of coal gangue, agricultural biomass and their blends during co-combustion. <i>Bioresource Technology</i> , 2014, 166, 243-251.	4.8	74
124	The uptake, distribution and elimination of paralytic shellfish toxins in mussels and fish exposed to toxic dinoflagellates. <i>Aquatic Toxicology</i> , 2006, 80, 82-91.	1.9	73
125	Ecological risk assessments of endocrine disrupting organotin compounds using marine neogastropods in Hong Kong. <i>Chemosphere</i> , 2006, 65, 922-938.	4.2	73
126	A preliminary screening of HBCD enantiomers transported by microplastics in wastewater treatment plants. <i>Science of the Total Environment</i> , 2019, 674, 171-178.	3.9	73

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127	Current Levels and Composition Profiles of Emerging Halogenated Flame Retardants and Dehalogenated Products in Sewage Sludge from Municipal Wastewater Treatment Plants in China. <i>Environmental Science & Technology</i> , 2014, 48, 12586-12594.	4.6	72
128	Differential expression of chicken hepatic genes responsive to PFOA and PFOS. <i>Toxicology</i> , 2007, 237, 111-125.	2.0	71
129	Investigation on thermal and trace element characteristics during co-combustion biomass with coal gangue. <i>Bioresource Technology</i> , 2015, 175, 454-462.	4.8	71
130	Metabolic adjustments in the common carp during prolonged hypoxia. <i>Journal of Fish Biology</i> , 2000, 57, 1160-1171.	0.7	70
131	Occurrence and fate of endogenous steroid hormones, alkylphenol ethoxylates, bisphenol A and phthalates in municipal sewage treatment systems. <i>Journal of Environmental Sciences</i> , 2017, 61, 49-58.	3.2	70
132	Occurrence of persistent organic contaminants and related substances in Hong Kong marine areas: An overview. <i>Marine Pollution Bulletin</i> , 1998, 36, 376-384.	2.3	69
133	Levels of trace elements in green turtle eggs collected from Hong Kong: Evidence of risks due to selenium and nickel. <i>Environmental Pollution</i> , 2006, 144, 790-801.	3.7	69
134	Pacific Ciguatoxins in Food Web Components of Coral Reef Systems in the Republic of Kiribati. <i>Environmental Science & Technology</i> , 2013, 47, 14070-14079.	4.6	69
135	Multigenerational Disruption of the Thyroid Endocrine System in Marine Medaka after a Life-Cycle Exposure to Perfluorobutanesulfonate. <i>Environmental Science & Technology</i> , 2018, 52, 4432-4439.	4.6	69
136	Risks posed by trace organic contaminants in coastal sediments in the Pearl River Delta, China. <i>Marine Pollution Bulletin</i> , 2005, 50, 1036-1049.	2.3	67
137	Conventional and emerging halogenated flame retardants (HFRs) in sediment of Yangtze River Delta (YRD) region, East China. <i>Chemosphere</i> , 2013, 93, 555-560.	4.2	67
138	Tracking Dietary Sources of Short- and Medium-Chain Chlorinated Paraffins in Marine Mammals through a Subtropical Marine Food Web. <i>Environmental Science & Technology</i> , 2017, 51, 9543-9552.	4.6	67
139	Study on the cytotoxicity of microcystin-LR on cultured cells. <i>Chemosphere</i> , 2000, 41, 143-147.	4.2	66
140	Temporal variation and biomagnification of organohalogen compounds in finless porpoises (<i>Neophocaena phocaenoides</i>) from the South China Sea. <i>Environmental Pollution</i> , 2006, 144, 516-523.	3.7	66
141	Target, Nontarget, and Suspect Screening and Temporal Trends of Per- and Polyfluoroalkyl Substances in Marine Mammals from the South China Sea. <i>Environmental Science & Technology</i> , 2021, 55, 1045-1056.	4.6	66
142	The OECD Validation Program of the H295R Steroidogenesis Assay for the Identification of In Vitro Inhibitors and Inducers of Testosterone and Estradiol Production. Phase 2: Inter-Laboratory Pre-Validation Studies (8 pp). <i>Environmental Science and Pollution Research</i> , 2007, 14, 23-30.	2.7	65
143	Effects of fifteen PBDE metabolites, DE71, DE79 and TBBPA on steroidogenesis in the H295R cell line. <i>Chemosphere</i> , 2008, 71, 1888-1894.	4.2	65
144	lonothermal carbonization of biomass to construct sp ² /sp ³ carbon interface in N-doped biochar as efficient oxygen reduction electrocatalysts. <i>Chemical Engineering Journal</i> , 2020, 400, 125969.	6.6	65

#	ARTICLE	IF	CITATIONS
145	Glucose-6-phosphate dehydrogenase and lactate dehydrogenase in the green-lipped mussel (<i>Perna</i>) Tj ETQq1 1 0.784314 rgBT/Overl	5.3	64
146	An analytical method for the determination of perfluorinated compounds in whole blood using acetonitrile and solid phase extraction methods. <i>Journal of Chromatography A</i> , 2009, 1216, 4950-4956.	1.8	64
147	Probiotic Modulation of Lipid Metabolism Disorders Caused by Perfluorobutanesulfonate Pollution in Zebrafish. <i>Environmental Science & Technology</i> , 2020, 54, 7494-7503.	4.6	64
148	An organically modified silicate molecularly imprinted solid-phase microextraction device for the determination of polybrominated diphenyl ethers. <i>Analytica Chimica Acta</i> , 2009, 633, 197-203.	2.6	63
149	Spatial and temporal trends of short- and medium-chain chlorinated paraffins in sediments off the urbanized coastal zones in China and Japan: A comparison study. <i>Environmental Pollution</i> , 2017, 224, 357-367.	3.7	62
150	Spatial distribution of ciguateric fish in the Republic of Kiribati. <i>Chemosphere</i> , 2011, 84, 117-123.	4.2	61
151	Atmospheric polychlorinated biphenyls in Indian cities: Levels, emission sources and toxicity equivalents. <i>Environmental Pollution</i> , 2013, 182, 283-290.	3.7	61
152	Perfluorobutanesulfonate Exposure Skews Sex Ratio in Fish and Transgenerationally Impairs Reproduction. <i>Environmental Science & Technology</i> , 2019, 53, 8389-8397.	4.6	61
153	Risk to breeding success of Ardeids by contaminants in Hong Kong: evidence from trace metals in feathers. <i>Ecotoxicology</i> , 2002, 11, 49-59.	1.1	60
154	Global pollution monitoring of butyltin compounds using skipjack tuna as a bioindicator. <i>Environmental Pollution</i> , 2004, 127, 1-12.	3.7	60
155	Risk to breeding success of waterbirds by contaminants in Hong Kong: evidence from trace elements in eggs. <i>Environmental Pollution</i> , 2005, 135, 481-490.	3.7	59
156	Characterization of cefalexin degradation capabilities of two <i>Pseudomonas</i> strains isolated from activated sludge. <i>Journal of Hazardous Materials</i> , 2015, 282, 158-164.	6.5	58
157	Global pollution monitoring of polychlorinated dibenzo-p-dioxins (PCDDs), furans (PCDFs) and coplanar polychlorinated biphenyls (coplanar PCBs) using skipjack tuna as bioindicator. <i>Environmental Pollution</i> , 2005, 136, 303-313.	3.7	57
158	Modulation of steroidogenic gene expression and hormone production of H295R cells by pharmaceuticals and other environmentally active compounds. <i>Toxicology and Applied Pharmacology</i> , 2007, 225, 142-153.	1.3	57
159	Perfluorooctane Sulfonate and Other Fluorochemicals in Waterbird Eggs from South China. <i>Environmental Science & Technology</i> , 2008, 42, 8146-8151.	4.6	57
160	Competitive sorption of heavy metals by water hyacinth roots. <i>Environmental Pollution</i> , 2016, 219, 837-845.	3.7	57
161	Polychlorinated biphenyls and polybrominated diphenyl ethers in surface sediments from the Yangtze River Delta. <i>Marine Pollution Bulletin</i> , 2006, 52, 1299-1304.	2.3	56
162	Validation of an accelerated solvent extraction liquid chromatography-tandem mass spectrometry method for Pacific ciguatoxin-1 in fish flesh and comparison with the mouse neuroblastoma assay. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 3165-3175.	1.9	56

#	ARTICLE	IF	CITATIONS
163	Transgenerational endocrine disruption and neurotoxicity in zebrafish larvae after parental exposure to binary mixtures of decabromodiphenyl ether (BDE-209) and lead. <i>Environmental Pollution</i> , 2017, 230, 96-106.	3.7	56
164	Recovery of high-concentration volatile fatty acids from wastewater using an acidogenesis-electrodialysis integrated system. <i>Bioresource Technology</i> , 2018, 260, 61-67.	4.8	56
165	Macroalgal meadow habitats support fish and fisheries in diverse tropical seascapes. <i>Fish and Fisheries</i> , 2020, 21, 700-717.	2.7	56
166	Trace metals and organochlorines in the bamboo shark <i>Chiloscyllium plagiosum</i> from the southern waters of Hong Kong, China. <i>Science of the Total Environment</i> , 2007, 376, 335-345.	3.9	55
167	Microplastics in the intestinal tracts of East Asian finless porpoises (<i>Neophocaena asiaeorientalis</i>) Tj ETQq1 1 0.784314 rgBT /Overload	2.3	55
168	Organic ultraviolet (UV) filters in the South China sea coastal region: Environmental occurrence, toxicological effects and risk assessment. <i>Ecotoxicology and Environmental Safety</i> , 2019, 181, 26-33.	2.9	55
169	Seasonal occurrence and fate of chiral pharmaceuticals in different sewage treatment systems in Hong Kong: Mass balance, enantiomeric profiling, and risk assessment. <i>Water Research</i> , 2019, 149, 607-616.	5.3	55
170	Field depuration and biotransformation of paralytic shellfish toxins in scallop <i>Chlamys nobilis</i> and green-lipped mussel <i>Perna viridis</i> . <i>Marine Biology</i> , 2003, 143, 927-934.	0.7	54
171	Effects of PCBs and MeSO ₂ -PCBs on adrenocortical steroidogenesis in H295R human adrenocortical carcinoma cells. <i>Chemosphere</i> , 2006, 63, 772-784.	4.2	54
172	Title is missing!. <i>Ecotoxicology</i> , 1999, 8, 73-82.	1.1	53
173	Health risk assessment for polychlorinated biphenyls, polychlorinated dibenzo-p-dioxins and dibenzofurans, and polychlorinated naphthalenes in seafood from Guangzhou and Zhoushan, China. <i>Environmental Pollution</i> , 2007, 148, 31-39.	3.7	53
174	Review of effects of water pollution on the breeding success of waterbirds, with particular reference to ardeids in Hong Kong. <i>Ecotoxicology</i> , 2001, 10, 327-349.	1.1	52
175	Dense thiol arrays for metal-organic frameworks: boiling water stability, Hg removal beyond 2 ppb and facile crosslinking. <i>Journal of Materials Chemistry A</i> , 2018, 6, 14566-14570.	5.2	52
176	Contamination by perfluoroalkyl substances and microbial community structure in Pearl River Delta sediments. <i>Environmental Pollution</i> , 2019, 245, 218-225.	3.7	52
177	Stereoisomer-Specific Trophodynamics of the Chiral Brominated Flame Retardants HBCD and TBECH in a Marine Food Web, with Implications for Human Exposure. <i>Environmental Science & Technology</i> , 2018, 52, 8183-8193.	4.6	51
178	Isomer specific determination of hexabromocyclododecanes (HBCDs) in small cetaceans from the South China Sea - Levels and temporal variation. <i>Marine Pollution Bulletin</i> , 2007, 54, 1139-1145.	2.3	50
179	Perfluorooctane sulfonate (PFOS) and other fluorochemicals in fish blood collected near the outfall of wastewater treatment plant (WWTP) in Beijing. <i>Environmental Pollution</i> , 2008, 156, 1298-1303.	3.7	50
180	Perfluorobutanesulfonate Exposure Causes Durable and Transgenerational Dysbiosis of Gut Microbiota in Marine Medaka. <i>Environmental Science and Technology Letters</i> , 2018, 5, 731-738.	3.9	50

#	ARTICLE	IF	CITATIONS
181	Microplastics: A major source of phthalate esters in aquatic environments. <i>Journal of Hazardous Materials</i> , 2022, 432, 128731.	6.5	50
182	Trace organic contamination in biota collected from the Pearl River Estuary, China: A preliminary risk assessment. <i>Marine Pollution Bulletin</i> , 2006, 52, 1682-1694.	2.3	49
183	Preliminary health risk assessment for polybrominated diphenyl ethers and polybrominated dibenzo-p-dioxins/furans in seafood from Guangzhou and Zhoushan, China. <i>Marine Pollution Bulletin</i> , 2008, 57, 357-364.	2.3	49
184	Synthetic polycyclic musks in Hong Kong sewage sludge. <i>Chemosphere</i> , 2008, 71, 1241-1250.	4.2	49
185	Biochemical Responses and Accumulation Properties of Long-Chain Perfluorinated Compounds (PFOS/PFOA/PFOA) in Juvenile Chickens (<i>Gallus gallus</i>). <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 57, 377-386.	2.1	49
186	Polybrominated, polychlorinated and monobromo-polychlorinated dibenzo-p-dioxins/dibenzofurans and dioxin-like polychlorinated biphenyls in marine surface sediments from Hong Kong and Korea. <i>Environmental Pollution</i> , 2009, 157, 724-730.	3.7	49
187	Effects of 4-methylbenzylidene camphor (4-MBC) on neuronal and muscular development in zebrafish (<i>Danio rerio</i>) embryos. <i>Environmental Science and Pollution Research</i> , 2016, 23, 8275-8285.	2.7	49
188	Accumulation of perfluorobutane sulfonate (PFBS) and impairment of visual function in the eyes of marine medaka after a life-cycle exposure. <i>Aquatic Toxicology</i> , 2018, 201, 1-10.	1.9	49
189	The hydro-fluctuation belt of the Three Gorges Reservoir: Source or sink of microplastics in the water?. <i>Environmental Pollution</i> , 2019, 248, 279-285.	3.7	49
190	Variation in microbial community structure in surface seawater from Pearl River Delta: Discerning the influencing factors. <i>Science of the Total Environment</i> , 2019, 660, 136-144.	3.9	49
191	Identification and characterization of a biomarker of toxicity from the proteome of the paralytic shellfish toxin-producing dinoflagellate <i>Alexandrium tamarense</i> (Dinophyceae). <i>Proteomics</i> , 2006, 6, 654-666.	1.3	48
192	Biofouling confounds the uptake of trace organic contaminants by semi-permeable membrane devices (SPMDs). <i>Marine Pollution Bulletin</i> , 2002, 44, 1372-1379.	2.3	46
193	Trace element residues in tissues of green turtles (<i>Chelonia mydas</i>) from South China Waters. <i>Marine Pollution Bulletin</i> , 2004, 48, 174-182.	2.3	46
194	Primary cultured cells as sensitive in vitro model for assessment of toxicants-comparison to hepatocytes and gill epithelia. <i>Aquatic Toxicology</i> , 2006, 80, 109-118.	1.9	46
195	Deriving site-specific sediment quality guidelines for Hong Kong marine environments using field-based species sensitivity distributions. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 226-234.	2.2	46
196	Perfluorooctanesulfonate and Related Fluorochemicals in the Amur Tiger (<i>Panthera tigris altaica</i>) from China. <i>Environmental Science & Technology</i> , 2008, 42, 7078-7083.	4.6	46
197	Risk Assessment of Organohalogenated Compounds in Water Bird Eggs from South China. <i>Environmental Science & Technology</i> , 2008, 42, 6296-6302.	4.6	46
198	Hexabromocyclododecanes (HBCDs) in marine fishes along the Chinese coastline. <i>Chemosphere</i> , 2011, 82, 1662-1668.	4.2	46

#	ARTICLE	IF	CITATIONS
199	Responses of Periphyton to Fe ₂ O ₃ Nanoparticles: A Physiological and Ecological Basis for Defending Nanotoxicity. <i>Environmental Science & Technology</i> , 2017, 51, 10797-10805.	4.6	46
200	A comparison of mussels (<i>Perna viridis</i>) and semi-permeable membrane devices (SPMDs) for monitoring chlorinated trace organic contaminants in Hong Kong coastal waters. <i>Chemosphere</i> , 2001, 45, 1201-1208.	4.2	45
201	Use of two-dimensional gel electrophoresis to differentiate morphospecies of <i>Alexandrium minutum</i> , a paralytic shellfish poisoning toxin-producing dinoflagellate of harmful algal blooms. <i>Proteomics</i> , 2005, 5, 1580-1593.	1.3	45
202	EFFECTS OF BROMINATED FLAME RETARDANTS AND BROMINATED DIOXINS ON STEROIDOGENESIS IN H295R HUMAN ADRENOCORTICAL CARCINOMA CELL LINE. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 764.	2.2	45
203	Distribution and behavior of trace metals in the sediment and porewater of a tropical coastal wetland. <i>Science of the Total Environment</i> , 2004, 327, 295-314.	3.9	44
204	Historical trends of organic pollutants in sediment cores from Hong Kong. <i>Marine Pollution Bulletin</i> , 2008, 57, 758-766.	2.3	44
205	DE-71-Induced Apoptosis Involving Intracellular Calcium and the Bax-Mitochondria-Caspase Protease Pathway in Human Neuroblastoma Cells In Vitro. <i>Toxicological Sciences</i> , 2008, 104, 341-351.	1.4	44
206	Comparison of total fluorine, extractable organic fluorine and perfluorinated compounds in the blood of wild and perfluorooctanoate (PFOA)-exposed rats: Evidence for the presence of other organofluorine compounds. <i>Analytica Chimica Acta</i> , 2009, 635, 108-114.	2.6	44
207	Polychlorinated biphenyls (PCBs) in marine fishes from China: Levels, distribution and risk assessment. <i>Chemosphere</i> , 2012, 89, 944-949.	4.2	44
208	The retention mechanism, transformation behavior and environmental implication of trace element during co-combustion coal gangue with soybean stalk. <i>Fuel</i> , 2017, 189, 32-38.	3.4	44
209	Polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans in sediments from Hong Kong. <i>Marine Pollution Bulletin</i> , 2002, 45, 372-378.	2.3	43
210	Production of reactive oxygen species and 8-hydroxy-2'-deoxyguanosine in KB cells co-exposed to benzo[a]pyrene and UV-A radiation. <i>Chemosphere</i> , 2004, 55, 1303-1308.	4.2	43
211	A preliminary risk assessment of trace elements accumulated in fish to the Indo-Pacific Humpback dolphin (<i>Sousa chinensis</i>) in the Northwestern waters of Hong Kong. <i>Chemosphere</i> , 2004, 56, 643-651.	4.2	43
212	Assessment of polybrominated diphenyl ethers in eggs of waterbirds from South China. <i>Environmental Pollution</i> , 2007, 148, 258-267.	3.7	43
213	Nationwide distribution and potential risk of bisphenol analogues in Indian waters. <i>Ecotoxicology and Environmental Safety</i> , 2020, 200, 110718.	2.9	43
214	Cloud-Point Extraction and Preconcentration of Cyanobacterial Toxins (Microcystins) from Natural Waters Using a Cationic Surfactant. <i>Environmental Science & Technology</i> , 2002, 36, 3985-3990.	4.6	42
215	Enhancement of FAME productivity of <i>Scenedesmus obliquus</i> by combining nitrogen deficiency with sufficient phosphorus supply in heterotrophic cultivation. <i>Applied Energy</i> , 2015, 158, 348-354.	5.1	42
216	Effect of ash composition on the partitioning of arsenic during fluidized bed combustion. <i>Fuel</i> , 2017, 204, 91-97.	3.4	42

#	ARTICLE	IF	CITATIONS
217	Review on perfluoroalkyl and polyfluoroalkyl substances (PFASs) in the Chinese atmospheric environment. <i>Science of the Total Environment</i> , 2020, 737, 139804.	3.9	42
218	Heavy metals in the "plastisphere" of marine microplastics: adsorption mechanisms and composite risk. <i>Gondwana Research</i> , 2022, 108, 171-180.	3.0	42
219	Predicting Effects of Toxic Chemicals in the Marine Environment. <i>Marine Pollution Bulletin</i> , 2001, 42, 169-173.	2.3	41
220	Perfluorooctane sulfonate (PFOS) and related fluorochemicals in chicken egg in China. <i>Science Bulletin</i> , 2008, 53, 501-507.	1.7	41
221	Hepatic Proteomic Responses in Marine Medaka (<i>Oryzias melastigma</i>) Chronically Exposed to Antifouling Compound Butenolide [5-octylfuran-2(5H)-one] or 4,5-Dichloro-2-N-Octyl-4-Isothiazolin-3-One (DCOIT). <i>Environmental Science & Technology</i> , 2015, 49, 1851-1859.	4.6	41
222	Combining nitrogen starvation with sufficient phosphorus supply for enhanced biodiesel productivity of <i>Chlorella vulgaris</i> fed on acetate. <i>Algal Research</i> , 2016, 17, 261-267.	2.4	40
223	Retention mechanisms of ash compositions on toxic elements (Sb, Se and Pb) during fluidized bed combustion. <i>Fuel</i> , 2018, 213, 98-105.	3.4	40
224	Per- and Polyfluoroalkyl Substances in the Air Particles of Asia: Levels, Seasonality, and Size-Dependent Distribution. <i>Environmental Science & Technology</i> , 2020, 54, 14182-14191.	4.6	40
225	Disturbances in Microbial and Metabolic Communication across the Gut-Liver Axis Induced by a Dioxin-like Pollutant: An Integrated Metagenomics and Metabolomics Analysis. <i>Environmental Science & Technology</i> , 2021, 55, 529-537.	4.6	40
226	Exposure and time dependent DNA strand breakage in hepatopancreas of green-lipped mussels (<i>Perna</i>) Tj ETQq0 0 0 rgBT /Overlock 10 2003, 46, 1285-1293.	2.3	39
227	A comparison of polycyclic aromatic hydrocarbon and petroleum hydrocarbon uptake by mussels (<i>Perna viridis</i>) and semi-permeable membrane devices (SPMDs) in Hong Kong coastal waters. <i>Environmental Pollution</i> , 2003, 122, 223-227.	3.7	39
228	Measurement of estrogenic activity in sediments from Haihe and Dagu River, China. <i>Environment International</i> , 2006, 32, 676-681.	4.8	39
229	Risk assessment of trace elements in the stomach contents of Indo-Pacific Humpback Dolphins and Finless Porpoises in Hong Kong waters. <i>Chemosphere</i> , 2007, 66, 1175-1182.	4.2	39
230	Modulation of steroidogenesis by coastal waters and sewage effluents of Hong Kong, China, using the H295R assay. <i>Environmental Science and Pollution Research</i> , 2008, 15, 332-343.	2.7	39
231	Toxicogenomic Mechanisms of 6-HO-BDE-47, 6-MeO-BDE-47, and BDE-47 in <i>E. coli</i> . <i>Environmental Science & Technology</i> , 2012, 46, 1185-1191.	4.6	39
232	Assessing exposure to legacy and emerging per- and polyfluoroalkyl substances via hair "The first nationwide survey in India. <i>Chemosphere</i> , 2019, 229, 366-373.	4.2	39
233	Intra-day microplastic variations in wastewater: A case study of a sewage treatment plant in Hong Kong. <i>Marine Pollution Bulletin</i> , 2020, 160, 111535.	2.3	39
234	The use of muscle burden in rabbitfish <i>Siganus oramin</i> for monitoring polycyclic aromatic hydrocarbons and polychlorinated biphenyls in Victoria Harbour, Hong Kong and potential human health risk. <i>Science of the Total Environment</i> , 2009, 407, 4327-4332.	3.9	38

#	ARTICLE	IF	CITATIONS
235	Polychlorinated Dibenzo- <i>p</i> -dioxins, Dibenzofurans, Biphenyls, and Naphthalenes in Plasma of Workers Deployed at the World Trade Center after the Collapse. <i>Environmental Science & Technology</i> , 2010, 44, 5188-5194.	4.6	38
236	Atmospheric HCH Concentrations over the Marine Boundary Layer from Shanghai, China to the Arctic Ocean: Role of Human Activity and Climate Change. <i>Environmental Science & Technology</i> , 2010, 44, 8422-8428.	4.6	38
237	Effects of inorganic and organic nitrogen and phosphorus on the growth and toxicity of two <i>Alexandrium</i> species from Hong Kong. <i>Harmful Algae</i> , 2012, 16, 89-97.	2.2	38
238	De novo transcriptome analysis of <i>Perna viridis</i> highlights tissue-specific patterns for environmental studies. <i>BMC Genomics</i> , 2014, 15, 804.	1.2	38
239	Redirecting Electron Flux with an Engineered CRISPR-ddAsCpf1 System to Enhance the Pollutant Degradation Capacity of <i>Shewanella oneidensis</i> . <i>Environmental Science & Technology</i> , 2020, 54, 3599-3608.	4.6	38
240	Phthalate esters in seawater and sediment of the northern South China Sea: Occurrence, distribution, and ecological risks. <i>Science of the Total Environment</i> , 2022, 811, 151412.	3.9	38
241	Identification of a new Irgarol-1051 related s-triazine species in coastal waters. <i>Environmental Pollution</i> , 2005, 136, 221-230.	3.7	37
242	Uptake and depuration of PAHs and chlorinated pesticides by semi-permeable membrane devices (SPMDs) and green-lipped mussels (<i>Perna viridis</i>). <i>Marine Pollution Bulletin</i> , 2005, 51, 975-993.	2.3	36
243	Uptake, elimination, and biotransformation of aqueous and dietary DDT in marine fish. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 2053-2063.	2.2	36
244	The impacts of suspended mariculture on coastal zones in China and the scope for Integrated Multi-Trophic Aquaculture. <i>Ecosystem Health and Sustainability</i> , 2017, 3, .	1.5	36
245	Comparison of tropical and temperate freshwater animal species' acute sensitivities to chemicals: Implications for deriving safe extrapolation factors. , 2007, 3, 49.		36
246	Determination of polynuclear aromatic hydrocarbons in human blood serum by proteolytic digestion â€” direct immersion SPME. <i>Analytica Chimica Acta</i> , 1999, 396, 303-308.	2.6	35
247	Proteomic modification in gills and brains of medaka fish (<i>Oryzias melastigma</i>) after exposure to a sodium channel activator neurotoxin, brevetoxin-1. <i>Aquatic Toxicology</i> , 2011, 104, 211-217.	1.9	35
248	Temporal Changes and Stereoisomeric Compositions of 1,2,5,6,9,10-Hexabromocyclododecane and 1,2-Dibromo-4-(1,2-dibromoethyl)cyclohexane in Marine Mammals from the South China Sea. <i>Environmental Science & Technology</i> , 2018, 52, 2517-2526.	4.6	35
249	Occurrence of disinfection by-products in sewage treatment plants and the marine environment in Hong Kong. <i>Ecotoxicology and Environmental Safety</i> , 2019, 181, 404-411.	2.9	35
250	Paralytic shellfish toxins in green-lipped mussels, <i>Perna viridis</i> , in Hong Kong. <i>Marine Pollution Bulletin</i> , 2003, 46, 258-263.	2.3	33
251	UPTAKE AND DEPURATION OF PARALYTIC SHELLFISH TOXINS IN THE GREEN-LIPPED MUSSEL, <i>PERNA VIRIDIS</i> : A DYNAMIC MODEL. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 129.	2.2	33
252	Modulation of steroidogenic gene expression and hormone synthesis in H295R cells exposed to PCP and TCP. <i>Toxicology</i> , 2011, 282, 146-153.	2.0	33

#	ARTICLE	IF	CITATIONS
253	Enantiomer-specific bioaccumulation and distribution of chiral pharmaceuticals in a subtropical marine food web. <i>Journal of Hazardous Materials</i> , 2020, 394, 122589.	6.5	33
254	Use of protein phosphatase inhibition assay to detect microcystins in Donghu Lake and a fish pond in China. <i>Chemosphere</i> , 2000, 41, 53-58.	4.2	32
255	Evaluation of biomarkers of exposure and effect in juvenile areolated grouper (<i>Epinephelus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock J Chemistry, 2003, 22, 1568-1573.	2.2	32
256	Determination of microcystins in cyanobacterial blooms by solid-phase microextraction-high performance liquid chromatography. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 1648-1655.	2.2	31
257	Relationships between tissue concentrations of paralytic shellfish toxins and antioxidative responses of clams, <i>Ruditapes philippinarum</i> . <i>Marine Pollution Bulletin</i> , 2006, 52, 572-578.	2.3	31
258	Solid-phase extraction-fluorimetric high performance liquid chromatographic determination of domoic acid in natural seawater mediated by an amorphous titania sorbent. <i>Analytica Chimica Acta</i> , 2007, 583, 111-117.	2.6	31
259	Occurrence and spatial distribution of legacy and novel brominated flame retardants in seawater and sediment of the South China sea. <i>Environmental Pollution</i> , 2021, 271, 116324.	3.7	31
260	Hybrid nanobubble-forward osmosis system for aquaculture wastewater treatment and reuse. <i>Chemical Engineering Journal</i> , 2022, 435, 135164.	6.6	31
261	A Comparison of Growth Biomarkers for Assessing Sublethal Effects of Cadmium on a Marine Gastropod, <i>Nassarius festivus</i> . <i>Marine Pollution Bulletin</i> , 1999, 39, 165-173.	2.3	30
262	AhR-active compounds in sediments of the Haihe and Dagu Rivers, China. <i>Chemosphere</i> , 2006, 63, 1222-1230.	4.2	30
263	Measuring and monitoring persistent organic pollutants in the context of risk assessment. <i>Marine Pollution Bulletin</i> , 2008, 57, 236-244.	2.3	30
264	Levels and distribution of polybrominated diphenyl ethers (PBDEs) in marine fishes from Chinese coastal waters. <i>Chemosphere</i> , 2011, 82, 18-24.	4.2	30
265	Heavy metals (As, Hg and V) and stable isotope ratios ($\delta^{13}C$ and $\delta^{15}N$) in fish from Yellow River Estuary, China. <i>Science of the Total Environment</i> , 2018, 613-614, 462-471.	3.9	30
266	Constructing N, P-dually doped biochar materials from biomass wastes for high-performance bifunctional oxygen electrocatalysts. <i>Chemosphere</i> , 2021, 278, 130508.	4.2	30
267	Cloud-point extraction of nodularin-R from natural waters. <i>Analytica Chimica Acta</i> , 2004, 509, 63-70.	2.6	29
268	Distribution of organochlorines in the dissolved and suspended phase of the sea-surface microlayer and seawater in Hong Kong, China. <i>Marine Pollution Bulletin</i> , 2006, 52, 768-777.	2.3	29
269	Age- and gender-related accumulation of perfluoroalkyl substances in captive Chinese alligators (<i>Alligator sinensis</i>). <i>Environmental Pollution</i> , 2013, 179, 61-67.	3.7	29
270	Halogenated flame retardants (HFRs) in surface sediment from the Pearl River Delta region and Mirs Bay, South China. <i>Marine Pollution Bulletin</i> , 2018, 129, 899-904.	2.3	29

#	ARTICLE	IF	CITATIONS
271	A settlement inhibition assay with cyprid larvae of the barnacle <i>Balanus amphitrite</i> . <i>Chemosphere</i> , 1997, 35, 1867-1874.	4.2	27
272	Effects of two oil dispersants on phototaxis and swimming behaviour of barnacle larvae. <i>Hydrobiologia</i> , 1997, 352, 9-16.	1.0	27
273	Development of a Capillary Zone Electrophoretic Method for the Rapid Separation and Detection of Hepatotoxic Microcystins. <i>Marine Pollution Bulletin</i> , 1999, 39, 250-254.	2.3	27
274	Toxic Effects of Cadmium on Fertilizing Capability of Spermatozoa, Dynamics of the First Cleavage and Pluteus Formation in the Sea Urchin <i>Anthocidaris crassispina</i> (Agassiz). <i>Marine Pollution Bulletin</i> , 1999, 38, 1097-1104.	2.3	27
275	Organochlorines and dioxin-like compounds in green-lipped mussels <i>Perna viridis</i> from Hong Kong mariculture zones. <i>Marine Pollution Bulletin</i> , 2005, 51, 677-687.	2.3	27
276	An assessment of the risks associated with polychlorinated biphenyls found in the stomach contents of stranded Indo-Pacific Humpback Dolphins (<i>Sousa chinensis</i>) and Finless Porpoises (<i>Neophocaena</i>)	0.0	0
277	Photosystem II herbicide pollution in Hong Kong and its potential photosynthetic effects on corals. <i>Marine Pollution Bulletin</i> , 2008, 57, 473-478.	2.3	27
278	Potential exposure of perfluorinated compounds to Chinese in Shenyang and Yangtze River Delta areas. <i>Environmental Chemistry</i> , 2011, 8, 407.	0.7	27
279	Developmental toxicity and molecular responses of marine medaka (<i>Oryzias melastigma</i>) embryos to ciguatoxin P-CTX-1 exposure. <i>Aquatic Toxicology</i> , 2017, 185, 149-159.	1.9	27
280	Phylogeny, morphology and toxicity of benthic dinoflagellates of the genus <i>Fukuyoa</i> (Goniodomataceae, Dinophyceae) from a subtropical reef ecosystem in the South China Sea. <i>Harmful Algae</i> , 2018, 74, 78-97.	2.2	27
281	Dietary administration of probiotic <i>Lactobacillus rhamnosus</i> modulates the neurological toxicities of perfluorobutanesulfonate in zebrafish. <i>Environmental Pollution</i> , 2020, 265, 114832.	3.7	27
282	A 59-year sedimentary record of metal pollution in the sediment core from the Huaihe River, Huainan, Anhui, China. <i>Environmental Science and Pollution Research</i> , 2016, 23, 23533-23545.	2.7	26
283	FAMEs production from <i>Scenedesmus obliquus</i> in autotrophic, heterotrophic and mixotrophic cultures under different nitrogen conditions. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 461-468.	1.2	26
284	Current analytical methodologies and gaps for per- and polyfluoroalkyl substances determination in the marine environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 121, 115372.	5.8	26
285	Determination of polychlorinated biphenyls in human blood serum by SPME. <i>Chemosphere</i> , 1999, 39, 905-912.	4.2	25
286	Atmospheric concentrations of DDTs and chlordanes measured from Shanghai, China to the Arctic Ocean during the Third China Arctic Research Expedition in 2008. <i>Atmospheric Environment</i> , 2011, 45, 3750-3757.	1.9	25
287	Ciguatoxin reduces regenerative capacity of axotomized peripheral neurons and delays functional recovery in pre-exposed mice after peripheral nerve injury. <i>Scientific Reports</i> , 2016, 6, 26809.	1.6	25
288	Activation of aryl hydrocarbon receptor by dioxin directly shifts gut microbiota in zebrafish. <i>Environmental Pollution</i> , 2019, 255, 113357.	3.7	25

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289	Odor pollution due to industrial emission of volatile organic compounds: A case study in Hefei, China. <i>Journal of Cleaner Production</i> , 2020, 246, 119075.	4.6	25
290	Widespread occurrence of emerging E-waste contaminants – Liquid crystal monomers in sediments of the Pearl River Estuary, China. <i>Journal of Hazardous Materials</i> , 2022, 437, 129377.	6.5	25
291	Trophic transfer of paralytic shellfish toxins from clams (<i>Ruditapes philippinarum</i>) to gastropods (<i>Nassarius festivus</i>). <i>Chemosphere</i> , 2006, 64, 1642-1649.	4.2	24
292	Polycyclic musks in green-lipped mussels (<i>Perna viridis</i>) from Hong Kong. <i>Marine Pollution Bulletin</i> , 2008, 57, 373-380.	2.3	24
293	The use of selected genotoxicity assays in green-lipped mussels (<i>Perna viridis</i>): A validation study in Hong Kong coastal waters. <i>Marine Pollution Bulletin</i> , 2008, 57, 479-492.	2.3	24
294	Polychlorinated biphenyls and organochlorine pesticides in local waterbird eggs from Hong Kong: Risk assessment to local waterbirds. <i>Chemosphere</i> , 2011, 83, 891-896.	4.2	24
295	Early developmental toxicity of saxitoxin on medaka (<i>Oryzias melastigma</i>) embryos. <i>Toxicol</i> , 2014, 77, 16-25.	0.8	24
296	Photodegradation of perfluorooctane sulfonate in environmental matrices. <i>Separation and Purification Technology</i> , 2015, 151, 172-176.	3.9	24
297	Molecular phylogeny and toxicity of harmful benthic dinoflagellates <i>Coolia</i> (<i>Ostreopsidaceae</i>). <i>TJ ETQq1 1 0.784314 rgBT /Overlock 10</i> <i>Bulletin</i> , 2017, 124, 878-889.	2.3	24
298	Solar-energy-facilitated CdS _x Se _{1-x} quantum dot bio-assembly in <i>Escherichia coli</i> and <i>Tetrahymena pyriformis</i> . <i>Journal of Materials Chemistry A</i> , 2019, 7, 6205-6212.	5.2	24
299	A colorimetric assay for screening microcystin class compounds in aquatic systems. <i>Chemosphere</i> , 1999, 38, 1113-1122.	4.2	23
300	Interactions of paralytic shellfish toxins with xenobiotic-metabolizing and antioxidant enzymes in rodents. <i>Toxicol</i> , 2003, 42, 425-431.	0.8	23
301	Urinary arsenic speciation and porphyrins in C57Bl/6J mice chronically exposed to low doses of sodium arsenate. <i>Toxicology Letters</i> , 2004, 154, 149-157.	0.4	23
302	Distribution, Characteristics, and Worldwide Inventory of Dioxins in Kaolin Ball Clays. <i>Environmental Science & Technology</i> , 2011, 45, 7517-7524.	4.6	23
303	The Environmental Geochemistry of Trace Elements and Naturally Radionuclides in a Coal Gangue Brick-Making Plant. <i>Scientific Reports</i> , 2015, 4, 6221.	1.6	23
304	Stereoisomer-specific occurrence, distribution, and fate of chiral brominated flame retardants in different wastewater treatment systems in Hong Kong. <i>Journal of Hazardous Materials</i> , 2019, 374, 211-218.	6.5	23
305	Uptake and Depuration Kinetics of Pacific Ciguatoxins in Orange-Spotted Grouper (<i>Epinephelus</i>). <i>TJ ETQq1 1 0.784314 rgBT /Overlock 23</i>	4.6	23
306	Individual and combined effects of cadmium and copper on the growth response of <i>Chlorella vulgaris</i> . <i>Environmental Toxicology</i> , 1999, 14, 347-353.	2.1	22

#	ARTICLE	IF	CITATIONS
307	Comparative effects of the blue green algae <i>Nodularia spumigena</i> and a lysed extract on detoxification and antioxidant enzymes in the green lipped mussel (<i>Perna viridis</i>). <i>Marine Pollution Bulletin</i> , 2005, 51, 1026-1033.	2.3	22
308	Biokinetics and biotransformation of DDTs in the marine green mussels <i>Perna viridis</i> . <i>Aquatic Toxicology</i> , 2009, 93, 196-204.	1.9	22
309	Parental Exposure to Perfluorobutanesulfonate Impairs Offspring Development through Inheritance of Paternal Methylome. <i>Environmental Science & Technology</i> , 2019, 53, 12018-12025.	4.6	22
310	Interaction between hypoxia and perfluorobutane sulfonate on developmental toxicity and endocrine disruption in marine medaka embryos. <i>Aquatic Toxicology</i> , 2020, 222, 105466.	1.9	22
311	MICRONUCLEUS INDUCTION IN GILL CELLS OF GREEN-LIPPED MUSSELS (<i>PERNA VIRIDIS</i>) EXPOSED TO MIXTURES OF POLYCYCLIC AROMATIC HYDROCARBONS AND CHLORINATED PESTICIDES. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 1317.	2.2	21
312	Atmospheric Deposition and Fluxes of Organochlorine Pesticides and Coplanar Polychlorinated Biphenyls in Aquatic Environments of Hong Kong, China. <i>Environmental Science & Technology</i> , 2004, 38, 6513-6521.	4.6	21
313	Neurotoxicity and Reactive Astrogliosis in the Anterior Cingulate Cortex in Acute Ciguatera Poisoning. <i>NeuroMolecular Medicine</i> , 2013, 15, 310-323.	1.8	21
314	Inter-laboratory trials for analysis of perfluorooctanesulfonate and perfluorooctanoate in water samples: Performance and recommendations. <i>Analytica Chimica Acta</i> , 2013, 770, 111-120.	2.6	21
315	Occurrence and seasonal distribution of legacy and emerging per- and polyfluoroalkyl substances (PFASs) in different environmental compartments from areas around ski resorts in northern China. <i>Journal of Hazardous Materials</i> , 2021, 407, 124400.	6.5	21
316	Characteristics of indoor dust in an industrial city: Comparison with outdoor dust and atmospheric particulates. <i>Chemosphere</i> , 2021, 272, 129952.	4.2	21
317	Accumulation of perfluorinated compounds in captive Bengal tigers (<i>Panthera tigris tigris</i>) and African lions (<i>Panthera leo</i> Linnaeus) in China. <i>Chemosphere</i> , 2008, 73, 1649-1653.	4.2	20
318	Ecotoxicology of Organofluorous Compounds. <i>Topics in Current Chemistry</i> , 2011, 308, 339-363.	4.0	20
319	Simultaneous quantification of Pacific ciguatoxins in fish blood using liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 3331-3340.	1.9	20
320	Presence of arsenic, mercury and vanadium in aquatic organisms of Laizhou Bay and their potential health risk. <i>Marine Pollution Bulletin</i> , 2017, 125, 334-340.	2.3	20
321	Tissue-Specific Uptake, Depuration Kinetics, and Suspected Metabolites of Three Emerging Per- and Polyfluoroalkyl Substances (PFASs) in Marine Medaka. <i>Environmental Science & Technology</i> , 2022, 56, 6182-6191.	4.6	20
322	Interpopulation differences in acute response of <i>Brotia hainanensis</i> (Gastropoda, Prosobranchia) to cadmium: Genetic or environmental variance?. <i>Environmental Pollution</i> , 1996, 94, 1-7.	3.7	19
323	Major pathways for nitrogen removal in waste water stabilization ponds. <i>Water, Air, and Soil Pollution</i> , 1997, 94, 125-136.	1.1	19
324	Harmonisation of polychlorinated biphenyl (PCB) analyses for ecotoxicological interpretations of southeast Asian environmental media: what's the problem?. <i>Marine Pollution Bulletin</i> , 2003, 46, 159-170.	2.3	19

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325	Trace element residues in eggs of Little Egret (<i>Egretta garzetta</i>) and Black-crowned Night Heron (<i>Nycticorax nycticorax</i>) from Hong Kong, China. <i>Marine Pollution Bulletin</i> , 2004, 48, 390-396.	2.3	19
326	Relationship between metal and polybrominated diphenyl ether (PBDE) body burden and health risks in the barnacle <i>Balanus amphitrite</i> . <i>Marine Pollution Bulletin</i> , 2015, 100, 383-392.	2.3	19
327	Endocrine Disruption throughout the Hypothalamusâ€“Pituitaryâ€“Gonadalâ€“Liver (HPGL) Axis in Marine Medaka (<i>Oryzias melastigma</i>) Chronically Exposed to the Antifouling and Chemopreventive Agent, 3,3â€²-Diindolylmethane (DIM). <i>Chemical Research in Toxicology</i> , 2016, 29, 1020-1028.	1.7	19
328	Perfluorinated carboxylic and sulphonic acids in surface water media from the regions of Tibetan Plateau: Indirect evidence on photochemical degradation?. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016, 51, 63-69.	0.9	19
329	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
330	Probiotic modulation of perfluorobutanesulfonate toxicity in zebrafish: Disturbances in retinoid metabolism and visual physiology. <i>Chemosphere</i> , 2020, 258, 127409.	4.2	19
331	A preliminary risk assessment of organochlorines accumulated in fish to the Indo-Pacific humpback dolphin (<i>Sousa chinensis</i>) in the Northwestern waters of Hong Kong. <i>Environmental Pollution</i> , 2006, 144, 190-196.	3.7	18
332	Urinary arsenic and porphyrin profile in C57BL/6j mice chronically exposed to monomethylarsonous acid (MMAIII) for two years. <i>Toxicology and Applied Pharmacology</i> , 2007, 224, 89-97.	1.3	18
333	Cloud Point Extraction of Bisphenol A from Water Utilizing Cationic Surfactant Aliquat 336. <i>Chinese Journal of Analytical Chemistry</i> , 2009, 37, 1717-1721.	0.9	18
334	Physiological and behavioural impacts of Pacific ciguatoxin-1 (P-CTX-1) on marine medaka (<i>Oryzias</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	6.5	18
335	Vertical distribution of perfluoroalkyl substances in water columns around the Japan sea and the Mediterranean Sea. <i>Chemosphere</i> , 2019, 231, 487-494.	4.2	18
336	Simultaneous analysis of neutral and ionizable per- and polyfluoroalkyl substances in air. <i>Chemosphere</i> , 2021, 280, 130607.	4.2	18
337	Light-assisted fermentative hydrogen production in an intimately-coupled inorganic-bio hybrid with self-assembled nanoparticles. <i>Chemical Engineering Journal</i> , 2022, 428, 131254.	6.6	18
338	Occurrence and Fate of Psychiatric Pharmaceuticals in Wastewater Treatment Plants in Hong Kong: Enantiomeric Profiling and Preliminary Risk Assessment. <i>ACS ES&T Water</i> , 2021, 1, 542-552.	2.3	18
339	Tracking historical mobility behavior and sources of lead in the 59-year sediment core from the Huaihe River using lead isotopic compositions. <i>Chemosphere</i> , 2017, 184, 584-593.	4.2	17
340	Biokinetics of paralytic shellfish toxins in the green-lipped mussel, <i>Perna viridis</i> . <i>Marine Pollution Bulletin</i> , 2007, 54, 1068-1071.	2.3	16
341	Proteomic analysis of hepatic tissue of ciguatoxin (CTX) contaminated coral reef fish <i>Cephalopholis argus</i> and moray eel <i>Gymnothorax undulatus</i> . <i>Harmful Algae</i> , 2012, 13, 65-71.	2.2	16
342	Polychlorinated dibenzo-p-dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs), dioxin-like polychlorinated biphenyls (PCBs) and polybrominated diphenyl ethers (PBDEs) in waterbird eggs of Hong Kong, China. <i>Chemosphere</i> , 2012, 86, 242-247.	4.2	16

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343	Effects of dietary exposure to ciguatoxin P-CTX-1 on the reproductive performance in marine medaka (<i>Oryzias melastigma</i>). <i>Marine Pollution Bulletin</i> , 2020, 152, 110837.	2.3	16
344	A phototaxis inhibition assay using barnacle larvae. <i>Environmental Toxicology and Water Quality</i> , 1997, 12, 231-236.	0.7	15
345	Derivatisation of microcystin with a redox-active label for high-performance liquid chromatography/electrochemical detection. <i>New Journal of Chemistry</i> , 2003, 27, 274-279.	1.4	15
346	Seasonality of bioaccumulation of trace organics and lysosomal integrity in green-lipped mussel <i>Perna viridis</i> . <i>Science of the Total Environment</i> , 2010, 408, 1458-1465.	3.9	15
347	Assessment and Distribution of Antimony in Soils around Three Coal Mines, Anhui, China. <i>Journal of the Air and Waste Management Association</i> , 2011, 61, 850-857.	0.9	15
348	Methylmercury and trace elements in the marine fish from coasts of East China. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2013, 48, 1491-1501.	0.9	15
349	Polyphosphate during the Regreening of <i>Chlorella vulgaris</i> under Nitrogen Deficiency. <i>International Journal of Molecular Sciences</i> , 2015, 16, 23355-23368.	1.8	15
350	Quality assurance and quality control of solid phase extraction for PFAS in water and novel analytical techniques for PFAS analysis. <i>Chemosphere</i> , 2022, 288, 132440.	4.2	15
351	Per- and polyfluoroalkyl substances (PFAS) in the Three-North Shelter Forest in northern China: First survey on the effects of forests on the behavior of PFAS. <i>Journal of Hazardous Materials</i> , 2022, 427, 128157.	6.5	15
352	Intraspecific life-history variation in <i>Radix plicatulus</i> (Gastropoda: Pulmonata: Lymnaeidae). <i>Journal of Zoology</i> , 1994, 232, 435-446.	0.8	14
353	Concentrations of polycyclic aromatic hydrocarbons and polychlorinated biphenyls in green-lipped mussel <i>Perna viridis</i> from Victoria Harbour, Hong Kong and possible human health risk. <i>Marine Pollution Bulletin</i> , 2009, 58, 615-620.	2.3	14
354	Boiling significantly promotes photodegradation of perfluorooctane sulfonate. <i>Chemosphere</i> , 2015, 138, 324-327.	4.2	14
355	Spatial and Temporal Distribution of Sea Salt Aerosol Mass Concentrations in the Marine Boundary Layer From the Arctic to the Antarctic. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033892.	1.2	14
356	Pollution in the coastal waters of Hong Kong: case studies of the urban Victoria and Tolo Harbours. <i>Water and Environment Journal</i> , 2011, 25, 387-399.	1.0	13
357	Distribution and assessment of Pb in the supergene environment of the Huainan Coal Mining Area, Anhui, China. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 4753-4765.	1.3	13
358	Pacific Ciguatoxin Induces Excitotoxicity and Neurodegeneration in the Motor Cortex Via Caspase 3 Activation: Implication for Irreversible Motor Deficit. <i>Molecular Neurobiology</i> , 2018, 55, 6769-6787.	1.9	13
359	The effect of temperature on physiology, toxicity and toxin content of the benthic dinoflagellate <i>Coolia malayensis</i> from a seasonal tropical region. <i>Water Research</i> , 2020, 185, 116264.	5.3	13
360	Long-term, selective production of caproate in an anaerobic membrane bioreactor. <i>Bioresource Technology</i> , 2020, 302, 122865.	4.8	13

#	ARTICLE	IF	CITATIONS
361	Antagonistic interaction between perfluorobutanesulfonate and probiotic on lipid and glucose metabolisms in the liver of zebrafish. <i>Aquatic Toxicology</i> , 2021, 237, 105897.	1.9	13
362	Microplastic occurrence in the northern South China Sea, A case for Pre and Post cyclone analysis. <i>Chemosphere</i> , 2022, 296, 133980.	4.2	13
363	Effects of microcystins on phosphorylase-a binding to phosphatase-2A: kinetic analysis by surface plasmon resonance biosensor. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1999, 1427, 62-73.	1.1	12
364	Okadaic acid, a causative toxin of diarrhetic shellfish poisoning, in green-lipped mussels <i>Perna viridis</i> from Hong Kong fish culture zones: Method development and monitoring. <i>Marine Pollution Bulletin</i> , 2005, 51, 1010-1017.	2.3	12
365	Application of solid phase microextraction in the determination of paralytic shellfish poisoning toxins. <i>Analyst, The</i> , 2005, 130, 1524.	1.7	12
366	Organochlorine Insecticides in Mudflats of Hong Kong, China. <i>Archives of Environmental Contamination and Toxicology</i> , 2006, 50, 153-165.	2.1	12
367	Atmospheric hexachlorobenzene determined during the third China arctic research expedition: Sources and environmental fate. <i>Atmospheric Pollution Research</i> , 2014, 5, 477-483.	1.8	12
368	Relationship of proteomic variation and toxin synthesis in the dinoflagellate <i>Alexandrium tamarense</i> ClO1 under phosphorus and inorganic nitrogen limitation. <i>Ecotoxicology</i> , 2015, 24, 1744-1753.	1.1	12
369	Synthesis of CdS1-XSeX quantum dots in a protozoa <i>Tetrahymena pyriformis</i> . <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 973-980.	1.7	12
370	Long-term variation in phytoplankton assemblages during urbanization: A comparative case study of Deep Bay and Mirs Bay, Hong Kong, China. <i>Science of the Total Environment</i> , 2020, 745, 140993.	3.9	12
371	Parental exposure to perfluorobutane sulfonate disturbs the transfer of maternal transcripts and offspring embryonic development in zebrafish. <i>Chemosphere</i> , 2020, 256, 127169.	4.2	12
372	Characterizing ciguatoxin (CTX)- and Non-CTX-producing strains of <i>Gambierdiscus balechii</i> using comparative transcriptomics. <i>Science of the Total Environment</i> , 2020, 717, 137184.	3.9	12
373	Dermal exposure to particle-bound polycyclic aromatic hydrocarbons from barbecue fume as impacted by physicochemical conditions. <i>Environmental Pollution</i> , 2020, 260, 114080.	3.7	12
374	Oysters for legacy and emerging per- and polyfluoroalkyl substances (PFASs) monitoring in estuarine and coastal waters: Phase distribution and bioconcentration profile. <i>Science of the Total Environment</i> , 2022, 846, 157453.	3.9	12
375	Some observations on the life cycle and population dynamics of <i>Talitroides topitotum</i> (Burt) (Amphipoda: Talitridae) in Hong Kong. <i>Journal of Natural History</i> , 1989, 23, 1087-1092.	0.2	11
376	Effects of cadmium on the consumption and absorption rates of a tropical freshwater snail, <i>Radix picatulus</i> . <i>Chemosphere</i> , 1996, 32, 2127-2132.	4.2	11
377	Effects of cadmium on the development and swimming behavior of barnacle larvae <i>Balanus amphitrite</i> Darwin. <i>Environmental Toxicology</i> , 2000, 15, 8-13.	2.1	11
378	Estrogenic and Dioxin-like Activities and Cytotoxicity of Sediments and Biota from Hong Kong Mudflats. <i>Archives of Environmental Contamination and Toxicology</i> , 2005, 48, 575-586.	2.1	11

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379	The contribution of macroalgae-associated fishes to small-scale tropical reef fisheries. <i>Fish and Fisheries</i> , 2022, 23, 847-861.	2.7	11
380	Review on age-specific exposure to organophosphate esters: Multiple exposure pathways and microenvironments. <i>Critical Reviews in Environmental Science and Technology</i> , 2023, 53, 803-826.	6.6	11
381	Use of the clam <i>Asaphis deflorata</i> as a potential indicator of organochlorine bioaccumulation in Hong Kong coastal sediments. <i>Marine Pollution Bulletin</i> , 2008, 57, 672-680.	2.3	10
382	Unexpected Observations: Probiotic Administration Greatly Aggravates the Reproductive Toxicity of Perfluorobutanesulfonate in Zebrafish. <i>Chemical Research in Toxicology</i> , 2020, 33, 1605-1608.	1.7	10
383	Occurrence and Trophodynamics of Marine Lipophilic Phycotoxins in a Subtropical Marine Food Web. <i>Environmental Science & Technology</i> , 2021, 55, 8829-8838.	4.6	10
384	Stable Mercury Isotopes Revealing Photochemical Processes in the Marine Boundary Layer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034630.	1.2	10
385	Urinary arsenic methylation and porphyrin profile of C57Bl/6J mice chronically exposed to sodium arsenate. <i>Science of the Total Environment</i> , 2007, 379, 235-243.	3.9	9
386	The use of permeability reference compounds in biofouled semi-permeable membrane devices (SPMDs): A laboratory-based investigation. <i>Marine Pollution Bulletin</i> , 2008, 56, 1663-1667.	2.3	9
387	First evaluation of legacy persistent organic pollutant contamination status of stranded Yangtze finless porpoises along the Yangtze River Basin, China. <i>Science of the Total Environment</i> , 2020, 710, 136446.	3.9	9
388	Binary exposure to hypoxia and perfluorobutane sulfonate disturbs sensory perception and chromatin topography in marine medaka embryos. <i>Environmental Pollution</i> , 2020, 266, 115284.	3.7	9
389	Developing interim water quality criteria for emerging chemicals of concern for protecting marine life in the Greater Bay Area of South China. <i>Marine Pollution Bulletin</i> , 2020, 161, 111792.	2.3	9
390	Long-term variations of phytoplankton community in relations to environmental factors in Deep Bay, China, from 1994 to 2016. <i>Marine Pollution Bulletin</i> , 2020, 153, 111010.	2.3	9
391	Hemolysis associated toxicities of benthic dinoflagellates from Hong Kong waters. <i>Marine Pollution Bulletin</i> , 2020, 155, 111114.	2.3	9
392	Spatiotemporal occurrence of phthalate esters in stormwater drains of Hong Kong, China: Mass loading and source identification. <i>Environmental Pollution</i> , 2022, 308, 119683.	3.7	9
393	Cadmium uptake and depuration in the soft tissues of <i>Brotia hainanensis</i> (Gastropoda: Prosobranchia: Tj ETQq1 1 0.784314.gBT /Over 4.2	4.2	9
394	Whole-mount in situ TUNEL method revealed ectopic pattern of apoptosis in cadmium treated naupliar larvae of barnacle (<i>Balanus amphitrite</i> Darwin). <i>Chemosphere</i> , 2004, 55, 1387-1394.	4.2	8
395	Induction, adaptation and recovery of lysosomal integrity in green-lipped mussel <i>Perna viridis</i> . <i>Marine Pollution Bulletin</i> , 2008, 57, 467-472.	2.3	8
396	Comparison of three protein extraction procedures from toxic and non-toxic dinoflagellates for proteomics analysis. <i>Ecotoxicology</i> , 2015, 24, 1395-1406.	1.1	8

#	ARTICLE	IF	CITATIONS
397	Acute Exposure to Pacific Ciguatoxin Reduces Electroencephalogram Activity and Disrupts Neurotransmitter Metabolic Pathways in Motor Cortex. <i>Molecular Neurobiology</i> , 2017, 54, 5590-5603.	1.9	8
398	EVALUATION OF BIOMARKERS OF EXPOSURE AND EFFECT IN JUVENILE AREOLATED GROUPER (EPINEPHELUS) Tj ETQq0 0 0 rgBT /Overl 2003, 22, 1568.	2.2	8
399	Biokinetics of cesium in <i>Perna viridis</i> . <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 271-275.	2.2	7
400	Modeling of depuration of paralytic shellfish toxins in <i>Chlamys nobilis</i> and <i>Perna viridis</i> . <i>Marine Pollution Bulletin</i> , 2005, 50, 474-479.	2.3	7
401	Cultured gill epithelial cells from tilapia (<i>Oreochromis niloticus</i>): a new in vitro assay for toxicants. <i>Aquatic Toxicology</i> , 2005, 71, 61-72.	1.9	7
402	Occurrence and trophic transfer of aliphatic hydrocarbons in fish species from Yellow River Estuary and Laizhou Bay, China. <i>Science of the Total Environment</i> , 2019, 696, 134037.	3.9	7
403	An effective method for reconstructing the historical change in anthropogenic contribution to sedimentary organic matters in rivers. <i>Science of the Total Environment</i> , 2019, 655, 968-976.	3.9	7
404	Occurrence of retinoic acids and their metabolites in sewage and their removal efficiencies by chemically enhanced primary treatment and secondary biological treatment. <i>Chemosphere</i> , 2021, 280, 130745.	4.2	7
405	Transcriptomics reveal triphenyltin-induced molecular toxicity in the marine mussel <i>Perna viridis</i> . <i>Science of the Total Environment</i> , 2021, 790, 148040.	3.9	7
406	Toxicology and Evaluation of Microcystins. <i>Therapeutic Drug Monitoring</i> , 2000, 22, 69-72.	1.0	7
407	Fitness Implications of Plant-Herbivore "Mutualism". <i>Oikos</i> , 1985, 44, 360.	1.2	6
408	Ecological energetics of populations of four sympatric isopods in a Hong Kong forest. <i>Journal of Tropical Ecology</i> , 1991, 7, 475-490.	0.5	6
409	Comparison of two sampling methods when studying periphyton colonization in Lam Tsuen River, Hong Kong, China. <i>Chinese Journal of Oceanology and Limnology</i> , 2011, 29, 141-149.	0.7	6
410	Environmental threats to the Three Gorges Reservoir Region: Are mutagenic and genotoxic substances important?. <i>Journal of Environmental Sciences</i> , 2015, 38, 172-174.	3.2	6
411	Identification of potential sources of elevated PM _{2.5} -Hg using mercury isotopes during haze events. <i>Atmospheric Environment</i> , 2021, 247, 118203.	1.9	6
412	Low-pressure volume retarded osmosis for removal of per- and polyfluoroalkyl substances. <i>Water Research</i> , 2021, 194, 116929.	5.3	6
413	Tracing human footprint and the fate of atmospheric polycyclic aromatic hydrocarbons over the Pearl River Estuary, China: Importance of particle size. <i>Science of the Total Environment</i> , 2021, 767, 144267.	3.9	6
414	Significant input of organophosphate esters through particle-mediated transport into the Pearl River Estuary, China. <i>Journal of Hazardous Materials</i> , 2022, 438, 129486.	6.5	6

#	ARTICLE	IF	CITATIONS
415	Responsive Two-Photon Induced Europium Emission as Fluorescent Indicator for Paralytic Shellfish Saxitoxin. <i>Organic Letters</i> , 2011, 13, 5036-5039.	2.4	5
416	Development of theca specific antisera for the profiling of cell surface proteins in the marine toxic dinoflagellate genus <i>Alexandrium</i> Halim. <i>Harmful Algae</i> , 2012, 16, 58-62.	2.2	5
417	Optimization of CO ₂ concentration and light intensity for biodiesel production by <i>Chlorella vulgaris</i> FACHB-1072 under nitrogen deficiency with phosphorus luxury uptake. <i>Journal of Applied Phycology</i> , 2014, 26, 1631-1638.	1.5	5
418	Selective co-production of acetate and methane from wastewater during mesophilic anaerobic fermentation under acidic conditions. <i>Environmental Science: Water Research and Technology</i> , 2017, 3, 720-725.	1.2	5
419	Solar-Driven Synchronous Photoelectrochemical Sulfur Recovery and Pollutant Degradation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 9591-9595.	3.2	5
420	Fluorine mass balance analysis and per- and polyfluoroalkyl substances in the atmosphere. <i>Journal of Hazardous Materials</i> , 2022, 435, 129025.	6.5	5
421	Health aspects of freshwater cyanobacterial toxins. <i>Water Science and Technology: Water Supply</i> , 2007, 7, 193-203.	1.0	4
422	Occurrence and Ecological Risk of Halogenated Flame Retardants (HFRs) in Coastal Zones. <i>Comprehensive Analytical Chemistry</i> , 2015, 67, 389-409.	0.7	4
423	Atmospheric emissions of toxic elements (As, Cd, Hg, and Pb) from brick making plants in China. <i>RSC Advances</i> , 2015, 5, 14497-14505.	1.7	4
424	Toxicity effects of hydrophilic algal lysates from <i>Coolia tropicalis</i> on marine medaka larvae (<i>Oryzias latipes</i>). <i>Journal of Applied Phycology</i> , 2019, 27, 107-115.	1.9	4
425	Microbiome Associated With <i>Gambierdiscus balechii</i> Cultures Under Different Toxicity Conditions. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	4
426	Urinary arsenic speciation profiles in mice subchronically exposed to low concentrations of sodium arsenate in drinking water. <i>Kaohsiung Journal of Medical Sciences</i> , 2011, 27, 417-423.	0.8	3
427	Intracellular Hybrid Biosystem in a Protozoan to Trigger Visible-Light-Driven Photocatalysis. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 19846-19854.	4.0	3
428	A <i>Rhizobium</i> bacterium and its population dynamics under different culture conditions of its associated toxic dinoflagellate <i>Gambierdiscus balechii</i> . <i>Marine Life Science and Technology</i> , 2021, 3, 542-551.	1.8	3
429	Determination of As species distribution and variation with time in extracted groundwater samples by on-site species separation method. <i>Science of the Total Environment</i> , 2022, 808, 151913.	3.9	3
430	Determinations of dioxinlike activity in selected mollusks from the coast of the Bohai Sea, China, using the H4IIE-luc bioassay. <i>Ecotoxicology and Environmental Safety</i> , 2007, 67, 157-162.	2.9	2
431	Diversity, abundance, and distribution of anammox bacteria in shipping channel sediment of Hong Kong by analysis of DNA and RNA. <i>Ecotoxicology</i> , 2021, 30, 1705-1718.	1.1	2
432	Spatiotemporal variations of retinoic acids and their metabolites in the marine environment of Hong Kong. <i>Marine Pollution Bulletin</i> , 2022, 181, 113878.	2.3	2

#	ARTICLE	IF	CITATIONS
433	Notes on the genus <i>Sinocapritermes</i> (Isoptera: Termitidae) from China, with description of a new species. <i>Systematic Entomology</i> , 1990, 15, 331-334.	1.7	1
434	Chapter 8 Persistent Organic Pollutants in Waterbirds with Special Reference to Hong Kong and Mainland China. <i>Developments in Environmental Science</i> , 2007, , 375-429.	0.5	1
435	DETERMINATION OF MICROCYSTINS IN CYANOBACTERIAL BLOOMS BY SOLID-PHASE MICROEXTRACTIONâ€”HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 1648.	2.2	1
436	BIOKINETICS OF CESIUM IN <i>PERNA VIRIDIS</i> . <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 271.	2.2	1
437	MAJOR PATHWAYS FOR NITROGEN REMOVAL IN WASTE WATER STABILIZATION PONDS. <i>Water, Air, and Soil Pollution</i> , 1997, 94, 125-136.	1.1	0
438	Fixing the wheel the carpetbaggers broke. <i>Marine Pollution Bulletin</i> , 2003, 46, 918-920.	2.3	0
439	Use of urinary porphyrin profiles as an early warning biomarker for monomethylarsonous acid (MMAIII) exposure. <i>Toxicology Letters</i> , 2006, 164, S255-S256.	0.4	0
440	The Feasibility of Integrating the Noble Scallop <i>Mimachlamys nobilis</i> with Existing Fish Monoculture Farms in the South China Sea: A Bioeconomic Assessment from Hong Kong. <i>Journal of Shellfish Research</i> , 2018, 37, 635-650.	0.3	0
441	Spatial Variability and Source Apportionment of Aliphatic Hydrocarbons in Sediments from the Typical Coal Mining Area. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 105, 230-236.	1.3	0
442	Celebrating the 25th anniversary of the ICMPE. <i>Marine Pollution Bulletin</i> , 2021, 167, 112353.	2.3	0
443	Littoral Water in Hong Kong as a Potential Transient Habitat for Juveniles of a Temperate Deepwater Gnomefish, (Acropomatiformes: Scombroptidae).. <i>Zoological Studies</i> , 2021, 60, e33.	0.3	0