

James Cw Lam

List of Publications by Year in descending order

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104
papers

6,448
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47004

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docs citations

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times ranked

6527
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	6.0	446
2	Distribution, fate and risk assessment of antibiotics in sewage treatment plants in Hong Kong, South China. <i>Environment International</i> , 2012, 42, 1-9.	10.0	320
3	Antibiotics in the Hong Kong metropolitan area: Ubiquitous distribution and fate in Victoria Harbour. <i>Marine Pollution Bulletin</i> , 2009, 58, 1052-1062.	5.0	237
4	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.	10.0	194
5	Parental Transfer of Polybrominated Diphenyl Ethers (PBDEs) and Thyroid Endocrine Disruption in Zebrafish. <i>Environmental Science & Technology</i> , 2011, 45, 10652-10659.	10.0	183
6	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.	4.0	174
7	Occurrence, Distribution, and Fate of Organic UV Filters in Coral Communities. <i>Environmental Science & Technology</i> , 2017, 51, 4182-4190.	10.0	167
8	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.	10.0	159
9	Prenatal Transfer of Polybrominated Diphenyl Ethers (PBDEs) Results in Developmental Neurotoxicity in Zebrafish Larvae. <i>Environmental Science & Technology</i> , 2012, 46, 9727-9734.	10.0	147
10	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.	4.0	138
11	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.	7.5	136
12	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.	7.5	136
13	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.	10.0	128
14	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.	7.5	119
15	Organophosphate Triesters and Diester Degradation Products in Municipal Sludge from Wastewater Treatment Plants in China: Spatial Patterns and Ecological Implications. <i>Environmental Science & Technology</i> , 2017, 51, 13614-13623.	10.0	112
16	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.	12.4	101
17	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.	12.4	98
18	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.	7.5	96

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19	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.	10.0	94
20	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.	8.0	93
21	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.	10.0	86
22	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.	10.0	78
23	Distribution and sources of polycyclic aromatic hydrocarbons in the sediment of a sub-tropical coastal wetland. <i>Water Research</i> , 2002, 36, 1457-1468.	11.3	74
24	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.	6.1	70
25	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.	7.5	69
26	Pacific Ciguatoxins in Food Web Components of Coral Reef Systems in the Republic of Kiribati. <i>Environmental Science & Technology</i> , 2013, 47, 14070-14079.	10.0	69
27	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.	10.0	69
28	Conventional and emerging halogenated flame retardants (HFRs) in sediment of Yangtze River Delta (YRD) region, East China. <i>Chemosphere</i> , 2013, 93, 555-560.	8.2	67
29	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.	10.0	67
30	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.	10.0	66
31	Probiotic Modulation of Lipid Metabolism Disorders Caused by Perfluorobutanesulfonate Pollution in Zebrafish. <i>Environmental Science & Technology</i> , 2020, 54, 7494-7503.	10.0	64
32	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.	7.5	62
33	Spatial distribution of ciguateric fish in the Republic of Kiribati. <i>Chemosphere</i> , 2011, 84, 117-123.	8.2	61
34	Perfluorobutanesulfonate Exposure Skews Sex Ratio in Fish and Transgenerationally Impairs Reproduction. <i>Environmental Science & Technology</i> , 2019, 53, 8389-8397.	10.0	61
35	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.	7.5	59
36	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.	12.4	58

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37	SeaNine 211 as antifouling biocide: A coastal pollutant of emerging concern. <i>Journal of Environmental Sciences</i> , 2017, 61, 68-79.	6.1	58
38	Perfluorooctane Sulfonate and Other Fluorochemicals in Waterbird Eggs from South China. <i>Environmental Science & Technology</i> , 2008, 42, 8146-8151.	10.0	57
39	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.	3.7	56
40	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.	7.5	56
41	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.	8.0	55
42	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.	6.0	55
43	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.	11.3	55
44	Long-term temporal trends (1992-2008) of imposex status associated with organotin contamination in the dogwhelk <i>Nucella lapillus</i> along the Icelandic coast. <i>Marine Pollution Bulletin</i> , 2011, 63, 500-507.	5.0	53
45	Contamination by perfluoroalkyl substances and microbial community structure in Pearl River Delta sediments. <i>Environmental Pollution</i> , 2019, 245, 218-225.	7.5	52
46	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.	10.0	51
47	Perfluorobutanesulfonate Exposure Causes Durable and Transgenerational Dysbiosis of Gut Microbiota in Marine Medaka. <i>Environmental Science and Technology Letters</i> , 2018, 5, 731-738.	8.7	50
48	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.	5.0	49
49	Synthetic polycyclic musks in Hong Kong sewage sludge. <i>Chemosphere</i> , 2008, 71, 1241-1250.	8.2	49
50	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.	4.0	49
51	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.	8.0	49
52	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.	5.0	46
53	Risk Assessment of Organohalogenated Compounds in Water Bird Eggs from South China. <i>Environmental Science & Technology</i> , 2008, 42, 6296-6302.	10.0	46
54	Hexabromocyclododecanes (HBCDs) in marine fishes along the Chinese coastline. <i>Chemosphere</i> , 2011, 82, 1662-1668.	8.2	46

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55	Historical trends of organic pollutants in sediment cores from Hong Kong. <i>Marine Pollution Bulletin</i> , 2008, 57, 758-766.	5.0	44
56	Polychlorinated biphenyls (PCBs) in marine fishes from China: Levels, distribution and risk assessment. <i>Chemosphere</i> , 2012, 89, 944-949.	8.2	44
57	Assessment of polybrominated diphenyl ethers in eggs of waterbirds from South China. <i>Environmental Pollution</i> , 2007, 148, 258-267.	7.5	43
58	Acute exposure to triphenyl phosphate (TPhP) disturbs ocular development and muscular organization in zebrafish larvae. <i>Ecotoxicology and Environmental Safety</i> , 2019, 179, 119-126.	6.0	42
59	Prevalence, Biotransformation, and Maternal Transfer of Synthetic Phenolic Antioxidants in Pregnant Women from South China. <i>Environmental Science & Technology</i> , 2019, 53, 13959-13969.	10.0	40
60	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.	10.0	40
61	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.	8.2	39
62	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.	10.0	38
63	Applications of lead isotope ratio measurements. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 460-480.	11.4	35
64	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.	10.0	35
65	Enantiomer-specific bioaccumulation and distribution of chiral pharmaceuticals in a subtropical marine food web. <i>Journal of Hazardous Materials</i> , 2020, 394, 122589.	12.4	33
66	Profiles and removal efficiency of polycyclic aromatic hydrocarbons by two different types of sewage treatment plants in Hong Kong. <i>Journal of Environmental Sciences</i> , 2017, 53, 196-206.	6.1	31
67	Levels and distribution of polybrominated diphenyl ethers (PBDEs) in marine fishes from Chinese coastal waters. <i>Chemosphere</i> , 2011, 82, 18-24.	8.2	30
68	Size-dependent distribution and inhalation exposure characteristics of particle-bound chlorinated paraffins in indoor air in Guangzhou, China. <i>Environment International</i> , 2018, 121, 675-682.	10.0	30
69	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.	5.0	29
70	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 tj ETQq0 0 0 ng BT /Overback 10 Tf</i>	8.2	27
71	Dietary administration of probiotic <i>Lactobacillus rhamnosus</i> modulates the neurological toxicities of perfluorobutanesulfonate in zebrafish. <i>Environmental Pollution</i> , 2020, 265, 114832.	7.5	27
72	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.	4.1	25

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73	Combined Effects of Dust and Dietary Exposure of Occupational Workers and Local Residents to Short- and Medium-Chain Chlorinated Paraffins in a Mega E-Waste Recycling Industrial Park in South China. <i>Environmental Science & Technology</i> , 2018, 52, 11510-11519.	10.0	25
74	Activation of aryl hydrocarbon receptor by dioxin directly shifts gut microbiota in zebrafish. <i>Environmental Pollution</i> , 2019, 255, 113357.	7.5	25
75	Polycyclic musks in green-lipped mussels (<i>Perna viridis</i>) from Hong Kong. <i>Marine Pollution Bulletin</i> , 2008, 57, 373-380.	5.0	24
76	Polychlorinated biphenyls and organochlorine pesticides in local waterbird eggs from Hong Kong: Risk assessment to local waterbirds. <i>Chemosphere</i> , 2011, 83, 891-896.	8.2	24
77	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.	12.4	23
78	Parental Exposure to Perfluorobutanesulfonate Impairs Offspring Development through Inheritance of Paternal Methylome. <i>Environmental Science & Technology</i> , 2019, 53, 12018-12025.	10.0	22
79	Interaction between hypoxia and perfluorobutane sulfonate on developmental toxicity and endocrine disruption in marine medaka embryos. <i>Aquatic Toxicology</i> , 2020, 222, 105466.	4.0	22
80	Accumulation of quaternary ammonium compounds as emerging contaminants in sediments collected from the Pearl River Estuary, China and Tokyo Bay, Japan. <i>Marine Pollution Bulletin</i> , 2018, 136, 276-281.	5.0	21
81	Occurrence of two novel triazine-based flame retardants in an E-waste recycling area in South China: Implication for human exposure. <i>Science of the Total Environment</i> , 2019, 683, 249-257.	8.0	21
82	Simultaneous quantification of Pacific ciguatoxins in fish blood using liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 3331-3340.	3.7	20
83	Occurrence and Distribution of Photoinitiator Additives in Paired Maternal and Cord Plasma in a South China Population. <i>Environmental Science & Technology</i> , 2019, 53, 10969-10977.	10.0	20
84	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.	5.0	19
85	Commonly used methodologies for inorganic analysis in international key comparisons. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 214-236.	11.4	19
86	Accurate determination of lead in Chinese herbs using isotope dilution inductively coupled plasma mass spectrometry (ID-ICP-MS). <i>Food Chemistry</i> , 2010, 121, 552-560.	8.2	19
87	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.	5.0	19
88	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.	7.5	19
89	Probiotic modulation of perfluorobutanesulfonate toxicity in zebrafish: Disturbances in retinoid metabolism and visual physiology. <i>Chemosphere</i> , 2020, 258, 127409.	8.2	19
90	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.	7.5	18

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91	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.	8.2	16
92	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.	1.7	15
93	Profiles and removal efficiency of polybrominated diphenyl ethers by two different types of sewage treatment work in Hong Kong. <i>Science of the Total Environment</i> , 2015, 505, 261-268.	8.0	15
94	Blood partitioning and whole-blood-based maternal transfer assessment of chlorinated paraffins in mother-infant pairs from South China. <i>Environment International</i> , 2020, 142, 105871.	10.0	15
95	Antagonistic interaction between perfluorobutanesulfonate and probiotic on lipid and glucose metabolisms in the liver of zebrafish. <i>Aquatic Toxicology</i> , 2021, 237, 105897.	4.0	13
96	Atmospheric hexachlorobenzene determined during the third China arctic research expedition: Sources and environmental fate. <i>Atmospheric Pollution Research</i> , 2014, 5, 477-483.	3.8	12
97	Parental exposure to perfluorobutane sulfonate disturbs the transfer of maternal transcripts and offspring embryonic development in zebrafish. <i>Chemosphere</i> , 2020, 256, 127169.	8.2	12
98	Unexpected Observations: Probiotic Administration Greatly Aggravates the Reproductive Toxicity of Perfluorobutanesulfonate in Zebrafish. <i>Chemical Research in Toxicology</i> , 2020, 33, 1605-1608.	3.3	10
99	Occurrence and Trophodynamics of Marine Lipophilic Phycotoxins in a Subtropical Marine Food Web. <i>Environmental Science & Technology</i> , 2021, 55, 8829-8838.	10.0	10
100	Binary exposure to hypoxia and perfluorobutane sulfonate disturbs sensory perception and chromatin topography in marine medaka embryos. <i>Environmental Pollution</i> , 2020, 266, 115284.	7.5	9
101	Spatial distribution and accumulation profiles of volatile methylsiloxanes in Tokyo Bay, Japan: Mass loadings and historical trends. <i>Science of the Total Environment</i> , 2022, 806, 150821.	8.0	8
102	Revisiting type-A uncertainties relating to the measurement of mass fraction of lead using isotope-dilution inductively coupled plasma mass spectrometry: a way of improving measurement precision and expanded uncertainty. <i>Accreditation and Quality Assurance</i> , 2008, 13, 311-319.	0.8	4
103	Occurrence and Ecological Risk of Halogenated Flame Retardants (HFRs) in Coastal Zones. <i>Comprehensive Analytical Chemistry</i> , 2015, 67, 389-409.	1.3	4
104	Atmospheric emissions of toxic elements (As, Cd, Hg, and Pb) from brick making plants in China. <i>RSC Advances</i> , 2015, 5, 14497-14505.	3.6	4