

Paul K S Lam

List of Publications by Year in Descending Order

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Version: 2024-04-23

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

430
papers

22,597
citations

83
h-index

126
g-index

443
ext. papers

25,558
ext. citations

7.5
avg, IF

6.94
L-index

#	Paper	IF	Citations
430	Hybrid nanobubble-forward osmosis system for aquaculture wastewater treatment and reuse. <i>Chemical Engineering Journal</i> , 2022 , 435, 135164	14.7	3
429	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	8.4	1
428	Light-assisted fermentative hydrogen production in an intimately-coupled inorganic-bio hybrid with self-assembled nanoparticles. <i>Chemical Engineering Journal</i> , 2022 , 428, 131254	14.7	1
427	Microplastic occurrence in the northern South China Sea, A case for Pre and Post cyclone analysis.. <i>Chemosphere</i> , 2022 , 296, 133980	8.4	1
426	Microplastics: A major source of phthalate esters in aquatic environments.. <i>Journal of Hazardous Materials</i> , 2022 , 432, 128731	12.8	1
425	Fluorine mass balance analysis and per- and polyfluoroalkyl substances in the atmosphere.. <i>Journal of Hazardous Materials</i> , 2022 , 435, 129025	12.8	1
424	Phthalate esters in seawater and sediment of the northern South China Sea: Occurrence, distribution, and ecological risks. <i>Science of the Total Environment</i> , 2021 , 151412	10.2	3
423	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> , 2021 , 808, 151913	10.2	0
422	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> , 2021 , 427, 128157	12.8	2
421	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		3
420	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	10.3	10
419	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	11.4	6
418	Low-pressure volume retarded osmosis for removal of per- and polyfluoroalkyl substances. <i>Water Research</i> , 2021 , 194, 116929	12.5	2
417	Understanding plastic degradation and microplastic formation in the environment: A review. <i>Environmental Pollution</i> , 2021 , 274, 116554	9.3	128
416	Intracellular Hybrid Biosystem in a Protozoan to Trigger Visible-Light-Driven Photocatalysis. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 19846-19854	9.5	0
415	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	10.2	2
414	Toxicity effects of hydrophilic algal lysates from <i>Coolia tropicalis</i> on marine medaka larvae (<i>Oryzias melastigma</i>). <i>Aquatic Toxicology</i> , 2021 , 234, 105787	5.1	1

413	Heavy metals in the plastsphere of marine microplastics: adsorption mechanisms and composite risk. <i>Gondwana Research</i> , 2021 ,	5.1	8
412	A Rhizobium bacterium and its population dynamics under different culture conditions of its associated toxic dinoflagellate Gambierdiscus balechii. <i>Marine Life Science and Technology</i> , 2021 , 3, 542-551	4.5	0
411	Characteristics of indoor dust in an industrial city: Comparison with outdoor dust and atmospheric particulates. <i>Chemosphere</i> , 2021 , 272, 129952	8.4	5
410	Occurrence and Trophodynamics of Marine Lipophilic Phycotoxins in a Subtropical Marine Food Web. <i>Environmental Science & Technology</i> , 2021 , 55, 8829-8838	10.3	1
409	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	12.8	6
408	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	2.9	0
407	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	10.3	21
406	Identification of potential sources of elevated PM2.5-Hg using mercury isotopes during haze events. <i>Atmospheric Environment</i> , 2021 , 247, 118203	5.3	0
405	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	9.3	11
404	Antagonistic interaction between perfluorobutanesulfonate and probiotic on lipid and glucose metabolisms in the liver of zebrafish. <i>Aquatic Toxicology</i> , 2021 , 237, 105897	5.1	4
403	Stable Mercury Isotopes Revealing Photochemical Processes in the Marine Boundary Layer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2021JD034630	4.4	1
402	Constructing N, P-dually doped biochar materials from biomass wastes for high-performance bifunctional oxygen electrocatalysts. <i>Chemosphere</i> , 2021 , 278, 130508	8.4	11
401	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	8.4	3
400	Transcriptomics reveal triphenyltin-induced molecular toxicity in the marine mussel Perna viridis. <i>Science of the Total Environment</i> , 2021 , 790, 148040	10.2	2
399	Simultaneous analysis of neutral and ionizable per- and polyfluoroalkyl substances in air. <i>Chemosphere</i> , 2021 , 280, 130607	8.4	4
398	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	0.6	
397	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	10.3	20
396	Unexpected Observations: Probiotic Administration Greatly Aggravates the Reproductive Toxicity of Perfluorobutanesulfonate in Zebrafish. <i>Chemical Research in Toxicology</i> , 2020 , 33, 1605-1608	4	5

395	Review on perfluoroalkyl and polyfluoroalkyl substances (PFASs) in the Chinese atmospheric environment. <i>Science of the Total Environment</i> , 2020 , 737, 139804	10.2	19
394	Nationwide distribution and potential risk of bisphenol analogues in Indian waters. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 200, 110718	7	13
393	Parental exposure to perfluorobutane sulfonate disturbs the transfer of maternal transcripts and offspring embryonic development in zebrafish. <i>Chemosphere</i> , 2020 , 256, 127169	8.4	2
392	Probiotic Modulation of Lipid Metabolism Disorders Caused by Perfluorobutanesulfonate Pollution in Zebrafish. <i>Environmental Science & Technology</i> , 2020 , 54, 7494-7503	10.3	20
391	Ionothermal 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	14.7	27
390	Interaction between hypoxia and perfluorobutane sulfonate on developmental toxicity and endocrine disruption in marine medaka embryos. <i>Aquatic Toxicology</i> , 2020 , 222, 105466	5.1	7
389	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	6.7	4
388	Uptake and Depuration Kinetics of Pacific Ciguatoxins in Orange-Spotted Grouper (). <i>Environmental Science & Technology</i> , 2020 , 54, 4475-4483	10.3	10
387	Macroalgal meadow habitats support fish and fisheries in diverse tropical seascapes. <i>Fish and Fisheries</i> , 2020 , 21, 700-717	6	18
386	Probiotic modulation of perfluorobutanesulfonate toxicity in zebrafish: Disturbances in retinoid metabolism and visual physiology. <i>Chemosphere</i> , 2020 , 258, 127409	8.4	11
385	Characterizing ciguatoxin (CTX)- and Non-CTX-producing strains of Gambierdiscus balechii using comparative transcriptomics. <i>Science of the Total Environment</i> , 2020 , 717, 137184	10.2	7
384	Rediverting Electron Flux with an Engineered CRISPR-ddAsCpf1 System to Enhance the Pollutant Degradation Capacity of. <i>Environmental Science & Technology</i> , 2020 , 54, 3599-3608	10.3	18
383	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	6.7	8
382	Dermal exposure to particle-bound polycyclic aromatic hydrocarbons from barbecue fume as impacted by physicochemical conditions. <i>Environmental Pollution</i> , 2020 , 260, 114080	9.3	7
381	Long-term, selective production of caproate in an anaerobic membrane bioreactor. <i>Bioresource Technology</i> , 2020 , 302, 122865	11	6
380	Enantiomer-specific bioaccumulation and distribution of chiral pharmaceuticals in a subtropical marine food web. <i>Journal of Hazardous Materials</i> , 2020 , 394, 122589	12.8	17
379	Dietary administration of probiotic <i>Lactobacillus rhamnosus</i> modulates the neurological toxicities of perfluorobutanesulfonate in zebrafish. <i>Environmental Pollution</i> , 2020 , 265, 114832	9.3	10
378	Hemolysis associated toxicities of benthic dinoflagellates from Hong Kong waters. <i>Marine Pollution Bulletin</i> , 2020 , 155, 111114	6.7	4

377	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	10.3	9
376	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	10.2	4
375	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	6.7	19
374	Binary exposure to hypoxia and perfluorobutane sulfonate disturbs sensory perception and chromatin topography in marine medaka embryos. <i>Environmental Pollution</i> , 2020 , 266, 115284	9.3	3
373	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	10.2	3
372	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	6.7	2
371	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	2.7	
370	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	12.5	7
369	Parental Exposure to Perfluorobutanesulfonate Impairs Offspring Development through Inheritance of Paternal Methylome. <i>Environmental Science & Technology</i> , 2019 , 53, 12018-12025	10.3	12
368	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	7	24
367	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	8.4	48
366	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	7	27
365	Vertical distribution of perfluoroalkyl substances in water columns around the Japan sea and the Mediterranean Sea. <i>Chemosphere</i> , 2019 , 231, 487-494	8.4	11
364	A preliminary screening of HBCD enantiomers transported by microplastics in wastewater treatment plants. <i>Science of the Total Environment</i> , 2019 , 674, 171-178	10.2	41
363	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	12.8	16
362	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	8.4	20
361	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	12.8	50
360	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	9.3	34

359	Perfluorobutanesulfonate Exposure Skews Sex Ratio in Fish and Transgenerationally Impairs Reproduction. <i>Environmental Science & Technology</i> , 2019 , 53, 8389-8397	10.3	28
358	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	10.2	5
357	Activation of aryl hydrocarbon receptor by dioxin directly shifts gut microbiota in zebrafish. <i>Environmental Pollution</i> , 2019 , 255, 113357	9.3	14
356	Solar-energy-facilitated CdSxSe1-x quantum dot bio-assembly in Escherichia coli and Tetrahymena pyriformis. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 6205-6212	13	12
355	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	10.2	5
354	Synthesis of CdSSe quantum dots in a protozoa Tetrahymena pyriformis. <i>Applied Microbiology and Biotechnology</i> , 2019 , 103, 973-980	5.7	8
353	Toxicological effects of two organic ultraviolet filters and a related commercial sunscreen product in adult corals. <i>Environmental Pollution</i> , 2019 , 245, 462-471	9.3	52
352	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	12.5	33
351	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	14.6	17
350	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	10.2	29
349	Contamination by perfluoroalkyl substances and microbial community structure in Pearl River Delta sediments. <i>Environmental Pollution</i> , 2019 , 245, 218-225	9.3	30
348	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	10.2	55
347	Phylogeny, morphology and toxicity of benthic dinoflagellates of the genus Fukuyoa (Goniodomataceae, Dinophyceae) from a subtropical reef ecosystem in the South China Sea. <i>Harmful Algae</i> , 2018 , 74, 78-97	5.3	20
346	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	10.3	23
345	FAMEs production from Scenedesmus obliquus in autotrophic, heterotrophic and mixotrophic cultures under different nitrogen conditions. <i>Environmental Science: Water Research and Technology</i> , 2018 , 4, 461-468	4.2	20
344	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	6.2	7
343	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	10.3	52
342	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	9.3	83

341	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	9.3	12
340	Recovery of high-concentration volatile fatty acids from wastewater using an acidogenesis-electrodialysis integrated system. <i>Bioresource Technology</i> , 2018 , 260, 61-67	11	41
339	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	10.2	188
338	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	10.3	38
337	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	10.2	20
336	Solar-Driven Synchronous Photoelectrochemical Sulfur Recovery and Pollutant Degradation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 9591-9595	8.3	4
335	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	9.3	55
334	Retention mechanisms of ash compositions on toxic elements (Sb, Se and Pb) during fluidized bed combustion. <i>Fuel</i> , 2018 , 213, 98-105	7.1	28
333	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	6.7	17
332	Perfluorobutanesulfonate Exposure Causes Durable and Transgenerational Dysbiosis of Gut Microbiota in Marine Medaka. <i>Environmental Science and Technology Letters</i> , 2018 , 5, 731-738	11	26
331	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	1	
330	Microplastics in the intestinal tracts of East Asian finless porpoises (<i>Neophocaena asiaeorientalis sunameri</i>) from Yellow Sea and Bohai Sea of China. <i>Marine Pollution Bulletin</i> , 2018 , 136, 55-60	6.7	34
329	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	5.1	30
328	Stereoisomer-Specific Trophodynamics of the Chiral Brominated Flame Retardants HBCD and TBEC in a Marine Food Web, with Implications for Human Exposure. <i>Environmental Science & Technology</i> , 2018 , 52, 8183-8193	10.3	36
327	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	13	29
326	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	10.2	199
325	Molecular phylogeny and toxicity of harmful benthic dinoflagellates <i>Coolia</i> (Ostreopsidaceae, Dinophyceae) in a sub-tropical marine ecosystem: The first record from Hong Kong. <i>Marine Pollution Bulletin</i> , 2017 , 124, 878-889	6.7	18
324	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	10.2	70

323	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	5.1	19
322	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	4.2	5
321	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	8.4	9
320	Effect of ash composition on the partitioning of arsenic during fluidized bed combustion. <i>Fuel</i> , 2017 , 204, 91-97	7.1	36
319	Occurrence, Distribution, and Fate of Organic UV Filters in Coral Communities. <i>Environmental Science & Technology</i> , 2017 , 51, 4182-4190	10.3	112
318	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	9.3	45
317	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	6.4	55
316	Occurrence and Characteristics of Microplastic Pollution in Xiangxi Bay of Three Gorges Reservoir, China. <i>Environmental Science & Technology</i> , 2017 , 51, 3794-3801	10.3	277
315	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, 1340268	3.7	20
314	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	6.7	13
313	Responses of Periphyton to FeO Nanoparticles: A Physiological and Ecological Basis for Defending Nanotoxicity. <i>Environmental Science & Technology</i> , 2017 , 51, 10797-10805	10.3	35
312	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	10.3	48
311	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	9.3	39
310	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	7.1	30
309	Physiological and behavioural impacts of Pacific ciguatoxin-1 (P-CTX-1) on marine medaka (<i>Oryzias melastigma</i>). <i>Journal of Hazardous Materials</i> , 2017 , 321, 782-790	12.8	15
308	Acute Exposure to Pacific Ciguatoxin Reduces Electroencephalogram Activity and Disrupts Neurotransmitter Metabolic Pathways in Motor Cortex. <i>Molecular Neurobiology</i> , 2017 , 54, 5590-5603	6.2	3
307	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	4.9	17
306	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	5.1	20

305	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, 4430-8	10.3	97
304	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, 6728-36	10.3	91
303	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, 8275-85	5.1	31
302	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, 63-9	2.3	13
301	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	5	26
300	Endocrine Disruption throughout the Hypothalamus-Pituitary-Gonadal-Liver (HPGL) Axis in Marine Medaka (<i>Oryzias melastigma</i>) Chronically Exposed to the Antifouling and Chemopreventive Agent, 3,3'-Diindolylmethane (DIM). <i>Chemical Research in Toxicology</i> , 2016 , 29, 1020-8	4	16
299	Competitive sorption of heavy metals by water hyacinth roots. <i>Environmental Pollution</i> , 2016 , 219, 837-845	4.5	42
298	Relationship of proteomic variation and toxin synthesis in the dinoflagellate <i>Alexandrium tamarense</i> CI01 under phosphorus and inorganic nitrogen limitation. <i>Ecotoxicology</i> , 2015 , 24, 1744-53	2.9	8
297	Boiling significantly promotes photodegradation of perfluorooctane sulfonate. <i>Chemosphere</i> , 2015 , 138, 324-7	8.4	11
296	Insights into perfluorooctane sulfonate photodegradation in a catalyst-free aqueous solution. <i>Scientific Reports</i> , 2015 , 5, 9353	4.9	54
295	Comparison of three protein extraction procedures from toxic and non-toxic dinoflagellates for proteomics analysis. <i>Ecotoxicology</i> , 2015 , 24, 1395-406	2.9	7
294	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	12.5	56
293	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, 180-7	12.8	83
292	Atmospheric emissions of toxic elements (As, Cd, Hg, and Pb) from brick making plants in China. <i>RSC Advances</i> , 2015 , 5, 14497-14505	3.7	4
291	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, 5123-32	10.3	143
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9	Effects of cadmium on the consumption and absorption rates of a tropical freshwater snail, <i>Radix plicatulus</i> . <i>Chemosphere</i> , 1996 , 32, 2127-2132	8.4	7
8	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	9.3	17
7	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	3.3	145
6	Intraspecific life-history variation in <i>Radix plicatulus</i> (Gastropoda: Pulmonata: Lymnaeidae). <i>Journal of Zoology</i> , 1994 , 232, 435-446	2	9
5	Ecological energetics of populations of four sympatric isopods in a Hong Kong forest. <i>Journal of Tropical Ecology</i> , 1991 , 7, 475-490	1.3	6
4	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	3.4	1
3	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	0.5	9
2	Fitness Implications of Plant-Herbivore "Mutualism". <i>Oikos</i> , 1985 , 44, 360	4	2
1	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> ,	11	12