Kevin W H Kwok

List of Publications by Year
in descending order

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38 papers	1,511 citations	331538 21 h-index	360920 35 g-index
39 all docs	39 docs citations	39 times ranked	2046 citing authors

#	Article	IF	Citations
1	The copepod Tigriopus: A promising marine model organism for ecotoxicology and environmental genomics. Aquatic Toxicology, 2007, 83, 161-173.	1.9	295
2	Uptake of silver nanoparticles and toxicity to early life stages of Japanese medaka (Oryzias latipes): Effect of coating materials. Aquatic Toxicology, 2012, 120-121, 59-66.	1.9	105
3	Salinity-dependent toxicities of zinc oxide nanoparticles to the marine diatom Thalassiosira pseudonana. Aquatic Toxicology, 2015, 165, 31-40.	1.9	73
4	Synergistic toxic effects of zinc pyrithione and copper to three marine species: Implications on setting appropriate water quality criteria. Marine Pollution Bulletin, 2008, 57, 616-623.	2.3	71
5	Acclimation effect and fitness cost of copper resistance in the marine copepod Tigriopus japonicus. Ecotoxicology and Environmental Safety, 2009, 72, 358-364.	2.9	67
6	Sediment quality guidelines: challenges and opportunities for improving sediment management. Environmental Science and Pollution Research, 2014, 21, 17-27.	2.7	66
7	Use of Field Data to Support European Water Framework Directive Quality Standards for Dissolved Metals. Environmental Science & Technology, 2007, 41, 5014-5021.	4.6	64
8	Using whole mount in situ hybridization to examine thyroid hormone deiodinase expression in embryonic and larval zebrafish: A tool for examining OH-BDE toxicity to early life stages. Aquatic Toxicology, 2013, 132-133, 190-199.	1.9	59
9	Copper toxicity in the marine copepod Tigropus japonicus: Low variability and high reproducibility of repeated acute and life-cycle tests. Marine Pollution Bulletin, 2008, 57, 632-636.	2.3	58
10	Chronic toxicity of double-walled carbon nanotubes to three marine organisms: influence of different dispersion methods. Nanomedicine, 2010, 5, 951-961.	1.7	57
11	The difference between temperate and tropical saltwater speciesâ€™ acute sensitivity to chemicals is relatively small. Chemosphere, 2014, 105, 31-43.	4.2	54
12	Deriving siteâ€specific sediment quality guidelines for Hong Kong marine environments using fieldâ€based species sensitivity distributions. Environmental Toxicology and Chemistry, 2008, 27, 226-234.	2.2	46
13	Influences of temperature and salinity on physicochemical properties and toxicity of zinc oxide nanoparticles to the marine diatom Thalassiosira pseudonana. Scientific Reports, 2017, 7, 3662.	1.6	43
14	Dietary chitosan-selenium nanoparticle (CTS-SeNP) enhance immunity and disease resistance in zebrafish. Fish and Shellfish Immunology, 2019, 87, 449-459.	1.6	42
15	Silver nanoparticle toxicity is related to coating materials and disruption of sodium concentration regulation. Nanotoxicology, 2016, 10, 1306-1317.	1.6	40
16	Toxicities of antifouling biocide Irgarol 1051 and its major degraded product to marine primary producers. Marine Pollution Bulletin, 2008, 57, 575-586.	2.3	39
17	Mass spectrometry-based untargeted metabolomics approach for differentiation of beef of different geographic origins. Food Chemistry, 2021, 338, 127847.	4.2	37
18	Comparison of Tropical and Temperate Freshwater Animal Species' Acute Sensitivities to Chemicals: Implications for Deriving Safe Extrapolation Factors. Integrated Environmental Assessment and Management, 2007, 3, 49.	1.6	36

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19	Improved Raman spectroscopy-based approach to assess microplastics in seafood. Environmental Pollution, 2021, 289, 117648.	3.7	35
20	Sunscreens containing zinc oxide nanoparticles can trigger oxidative stress and toxicity to the marine copepod Tigriopus japonicus. Marine Pollution Bulletin, 2020, 154, 111078.	2.3	33
21	Integrated Stochastic Environmental Risk Assessment of the Harbour Area Treatment Scheme (HATS) in Hong Kong. Environmental Science & Technology, 2009, 43, 3705-3711.	4.6	26
22	Parental dietary seleno-L-methionine exposure and resultant offspring developmental toxicity. Aquatic Toxicology, 2016, 170, 187-198.	1.9	19
23	The effects of model polysiloxane and fouling-release coatings on embryonic development of a sea urchin (Arbacia punctulata) and a fish (Oryzias latipes). Aquatic Toxicology, 2012, 110-111, 162-169.	1.9	16
24	Comparison of temperate and tropical freshwater speciesâ€™ acute sensitivities to chemicals: An update. Integrated Environmental Assessment and Management, 2019, 15, 352-363.	1.6	16
25	Relative Sensitivity Distribution of Freshwater Planktonic Crustaceans to Trace Metals. Human and Ecological Risk Assessment (HERA), 2009, 15, 1335-1345.	1.7	15
26	Chiral toxicity of muscone to embryonic zebrafish heart. Aquatic Toxicology, 2020, 222, 105451.	1.9	14
27	Effects of ferulic acid on muscle development and intestinal microbiota of zebrafish. Journal of Animal Physiology and Animal Nutrition, 2022, 106, 429-440.	1.0	14
28	Copepods as References Species in Estuarine and Marine Waters. , 2015, , 281-308.		13
29	Aconitine disrupts serotonin neurotransmission via 5â€hydroxytryptamine receptor in zebrafish embryo. Journal of Applied Toxicology, 2021, 41, 483-492.	1.4	13
30	Selenium Nanoparticles (SeNPs) Immunomodulation Is More Than Redox Improvement: Serum Proteomics and Transcriptomic Analyses. Antioxidants, 2022, 11, 964.	2.2	13
31	Developmental toxicity and DNA damage from exposure to parking lot runoff retention pond samples in the Japanese medaka (Oryzias latipes). Marine Environmental Research, 2014, 99, 117-124.	1.1	8
32	Molecular characterization and expression of CD48 in Nile tilapia (Oreochromis niloticus) in response to different stimulus. Fish and Shellfish Immunology, 2020, 97, 515-522.	1.6	8
33	Unique duplication of IFNh genes in Nile tilapia (Oreochromis niloticus) reveals lineage-specific evolution of IFNh in perciform fishes. Fish and Shellfish Immunology, 2020, 107, 36-42.	1.6	6
34	Tilapia dsRNA-activated protein kinase R (PKR): An interferon-induced antiviral effector with translation inhibition activity. Fish and Shellfish Immunology, 2021, 112, 74-80.	1.6	5
35	A Bayesian Mixture Model for Estimating Intergeneration Chronic Toxicity. Environmental Science & Technology, 2008, 42, 8108-8114.	4.6	4
36	Molecular characterization and expression of CD96 in Nile tilapia (Oreochromis niloticus) in response to different pathogens stimulus. Aquaculture Reports, 2021, 20, 100705.	0.7	1

#	Article	IF	Citations
37	Finding Species-Specific Extracellular Surface-Facing Proteomes in Toxic Dinoflagellates. Toxins, 2021, 13, 624.	1.5	0
38	Conservation of structural and interactional features of CD226 and Necl5 molecules from Nile tilapia (Oreochromis niloticus). Fish and Shellfish Immunology, 2021, 116, 74-83.	1.6	0