Richard Yuen Chong Kong

List of Publications by Year
in descending order

58	2,016	257101 24	253896 43
papers	citations	h-index	g-index

59	59	59	2463
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rapid detection of six types of bacterial pathogens in marine waters by multiplex PCR. Water Research, 2002, 36, 2802-2812.	5.3	206
2	Hypoxia causes transgenerational impairments in reproduction of fish. Nature Communications, 2016, 7, 12114.	5.8	134
3	Real-time PCR array to study effects of chemicals on the Hypothalamicâ€“Pituitaryâ€“Gonadal axis of the Japanese medaka. Aquatic Toxicology, 2008, 88, 173-182.	1.9	124
4	Development of a marine fish model for studying in vivo molecular responses in ecotoxicology. Aquatic Toxicology, 2008, 86, 131-141.	1.9	122
5	Synthesis, photophysical properties and DNA binding studies of novel luminescent rhenium(I) complexes. X-Ray crystal structure of [Re(dppn)(CO)3(py)](OTf). Journal of the Chemical Society Chemical Communications, 1995, , 1191.	2.0	102
6	Responses of the Medaka HPG Axis PCR Array and Reproduction to Prochloraz and Ketoconazole. Environmental Science & Technology, 2008, 42, 6762-6769.	4.6	82
7	Biodegradation and enzymatic responses in the marine diatom Skeletonema costatum upon exposure to 2,4-dichlorophenol. Aquatic Toxicology, 2002, 59, 191-200.	1.9	74
8	Identification and Expression Profiling of MicroRNAs in the Brain, Liver and Gonads of Marine Medaka (Oryzias melastigma) and in Response to Hypoxia. PLoS ONE, 2014, 9, e110698.	1.1	68
9	Isolation, characterization and expression analysis of a hypoxia-responsive glucose transporter gene from the grass carp, Ctenopharyngodon idellus. FEBS Journal, 2003, 270, 3010-3017.	0.2	61
10	The utility of vitellogenin as a biomarker of estrogenic endocrine disrupting chemicals in molluscs. Environmental Pollution, 2019, 248, 1067-1078.	3.7	54
11	Tissue-specific transcriptome assemblies of the marine medaka Oryzias melastigma and comparative analysis with the freshwater medaka Oryzias latipes. BMC Genomics, 2015, 16, 135.	1.2	47
12	A Sensitive and Versatile Multiplex PCR System for the Rapid Detection of Enterotoxigenic (ETEC), Enterohaemorrhagic (EHEC) and Enteropathogenic (EPEC) Strains of Escherichia coli. Marine Pollution Bulletin, 1999, 38, 1207-1215.	2.3	46
13	Enhancement of hypoxia-induced gene expression in fish liver by the aryl hydrocarbon receptor (AhR) ligand, benzo[a]pyrene (BaP). Aquatic Toxicology, 2008, 90, 235-242.	1.9	46
14	Characterization of a hypoxia-responsive leptin receptor (omLepRL) cDNA from the marine medaka (Oryzias melastigma). Marine Pollution Bulletin, 2007, 54, 797-803.	2.3	43
15	Analysis of the 16Sâ€“23S rDNA intergenic spacers (IGSs) of marine vibrios for species-specific signature DNA sequences. Marine Pollution Bulletin, 2002, 44, 412-420.	2.3	40
16	Two genes encoding protein phosphatase 2A catalytic subunits are differentially expressed in rice. Plant Molecular Biology, 2003, 51, 295-311.	2.0	40
17	Induction of hepatic choriogenin mRNA expression in male marine medaka: A highly sensitive biomarker for environmental estrogens. Aquatic Toxicology, 2006, 77, 348-358.	1.9	40
18	Physiological and cytological responses of the marine diatom Skeletonema costatum to 2,4-dichlorophenol. Aquatic Toxicology, 2002, 60, 33-41.	1.9	39

#	Article	IF	Citations
19	Hypoxia Causes Transgenerational Impairment of Ovarian Development and Hatching Success in Fish. Environmental Science & Technology, 2019, 53, 3917-3928.	4.6	39
20	Structure, evolution and expression of a second subfamily of protein phosphatase 2A catalytic subunit genes in the rice plant (Oryza sativa L.). Planta, 2005, 222, 757-768.	1.6	36
21	Leptin-Mediated Modulation of Steroidogenic Gene Expression in Hypoxic Zebrafish Embryos: Implications for the Disruption of Sex Steroids. Environmental Science & Technology, 2012, 46, 9112-9119.	4.6	31
22	Biology of Fluoro-Organic Compounds. Topics in Current Chemistry, 2011, 308, 365-404.	4.0	29
23	Regulation of CYP11B1 and CYP11B2 steroidogenic genes by hypoxia-inducible miR-10b in H295R cells. Marine Pollution Bulletin, 2014, 85, 344-351.	2.3	29
24	Identification of a DNA Methyltransferase Gene Carried on a Pathogenicity Island-Like Element (VPAI) in Vibrio parahaemolyticus and Its Prevalence among Clinical and Environmental Isolates. Applied and Environmental Microbiology, 2006, 72, 4455-4460.	1.4	28
25	Co-detection of three species of water-borne bacteria by multiplex PCR. Marine Pollution Bulletin, 1995, 31, 317-324.	2.3	27
26	Fluorescence in situ hybridization techniques (FISH) to detect changes in CYP19a gene expression of Japanese medaka (Oryzias latipes). Toxicology and Applied Pharmacology, 2008, 232, 226-235.	1.3	26
27	Potential mechanisms underlying estrogen-induced expression of the molluscan estrogen receptor (ER) gene. Aquatic Toxicology, 2016, 179, 82-94.	1.9	24
28	Mechanistic insights into induction of vitellogenin gene expression by estrogens in Sydney rock oysters, Saccostrea glomerata. Aquatic Toxicology, 2016, 174, 146-158.	1.9	24
29	The use of glutathione to reduce oxidative stress status and its potential for modifying the extracellular matrix organization in cleft lip. Free Radical Biology and Medicine, 2021, 164, 130-138.	1.3	22
30	Photolytic cleavage of DNA by [Au3(dmmp)2]3+. Journal of the Chemical Society Chemical Communications, 1994, , 2379.	2.0	21
31	Evidence for MicroRNA-Mediated Regulation of Steroidogenesis by Hypoxia. Environmental Science & Technology, 2015, 49, 1138-1147.	4.6	21
32	Transcriptomic responses of marine medakaâ€™s ovary to hypoxia. Aquatic Toxicology, 2016, 177, 476-483.	1.9	21
33	Identification of Oligonucleotide Primers Targeted at the 16Sâ€“23S rDNA Intergenic Spacers for Genus- and Species-specific Detection of Aeromonads. Marine Pollution Bulletin, 1999, 38, 802-808.	2.3	20
34	Phylogeny of Medicinal Phyllanthus Species in China Based on Nuclear ITS and ChloroplastatpB-rbcL Sequences and Multiplex PCR Detection Assay Analysis. Planta Medica, 2006, 72, 721-726.	0.7	17
35	Overexpression and Knockdown of Hypoxia-Inducible Factor 1 Disrupt the Expression of Steroidogenic Enzyme Genes and Early Embryonic Development in Zebrafish. Gene Regulation and Systems Biology, 2017, 11, 117762501771319.	2.3	17
36	Bisphenol A and its analogues in sedimentary microplastics of Hong Kong. Marine Pollution Bulletin, 2021, 164, 112090.	2.3	17

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37	Prevalence and diversity of norovirus genogroups I and II in Hong Kong marine waters and detection by real-time PCR. Marine Pollution Bulletin, 2012, 64, 164-168.	2.3	16
38	Multigenerational Impacts of Benzo[a]pyrene on Bone Modeling and Remodeling in Medaka (Oryzias latipes). Environmental Science & Technology, 2020, 54, 12271-12284.	4.6	14
39	Microplastics act as a carrier for wastewater-borne pathogenic bacteria in sewage. Chemosphere, 2022, 301, 134692.	4.2	14
40	Discovery and functional characterization of novel miRNAs in the marine medaka Oryzias melastigma. Aquatic Toxicology, 2016, 175, 106-116.	1.9	13
41	IDENTIFICATION OF A NOVEL CYTOCHROME P450 cDNA, CYP97E1, FROM THE MARINE DIATOM SKELETONEMA COSTATUM BACILLARIOPHYCEAE1. Journal of Phycology, 2003, 39, 555-560.	1.0	11
42	Transcriptional regulation and functional implication of the grass carp CITED1 (gcCITED1) in the negative regulation of HIF-1. International Journal of Biochemistry and Cell Biology, 2010, 42, 1544-1552.	1.2	11
43	Transcriptomic analysis reveals transgenerational effect of hypoxia on the neural control of testicular functions. Aquatic Toxicology, 2018, 195, 41-48.	1.9	11
44	Characterisation of the metallothionein gene in the Sydney rock oyster and its expression upon metal exposure in oysters with different prior metal exposure histories. Marine Environmental Research, 2019, 151, 104775.	1.1	11
45	Hypoxia causes sex-specific hepatic toxicity at the transcriptome level in marine medaka (Oryzias) Tj ETQq1 1 0.784314 rgBT /Overlock	1.9	11
46	In situ hybridization to detect spatial gene expression in medaka. Ecotoxicology and Environmental Safety, 2009, 72, 1257-1264.	2.9	10
47	Integrated Omics Approaches Revealed the Osmotic Stress-Responsive Genes and Microbiota in Gill of Marine Medaka. MSystems, 2022, 7, e0004722.	1.7	10
48	Major human Hepatitis A virus genotype in Hong Kong marine waters and detection by real-time PCR. Marine Pollution Bulletin, 2011, 62, 2654-2658.	2.3	9
49	The constitutively active estrogen receptor (ER) binds and activates the promoter of the vitellogenin (Vtg) gene in the Sydney rock oyster, Saccostrea glomerata. Marine Pollution Bulletin, 2017, 118, 397-402.	2.3	9
50	Benzo[a]pyrene osteotoxicity and the regulatory roles of genetic and epigenetic factors: A review. Critical Reviews in Environmental Science and Technology, 2022, 52, 3244-3282.	6.6	9
51	Comparative transcriptomic analysis reveals reproductive impairments caused by PCBs and OH-PCBs through the dysregulation of ER and AR signaling. Science of the Total Environment, 2022, 802, 149913.	3.9	9
52	Molecular cloning and characterization of a hypoxia-responsive CITED3 cDNA from grass carp. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2003, 136, 163-172.	0.7	8
53	DNA technologies for monitoring waterborne pathogens: A revolution in water pollution monitoring. Ocean and Coastal Management, 2009, 52, 355-358.	2.0	8
54	Indication of Electromagnetic Field Exposure via RBF-SVM Using Time-Series Features of Zebrafish Locomotion. Sensors, 2020, 20, 4818.	2.1	6

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55	Assessment of parental benzo[a]pyrene exposure-induced cross-generational neurotoxicity and changes in offspring sperm DNA methylome in medaka fish. Environmental Epigenetics, 2022, 8, .	0.9	5
56	A 3D coil structure achieving uniform magnetic field for in-vitro cell experiments. , 2017, , .		1
57	miRNAâ€“mRNA Integrative Analysis Reveals the Roles of miRNAs in Hypoxia-Altered Embryonic Development- and Sex Determination-Related Genes of Medaka Fish. Frontiers in Marine Science, 2022, 8, .	1.2	1
58	Transgenerational bone toxicity in F3 medaka (Oryzias latipes) induced by ancestral benzo[a]pyrene exposure: Cellular and transcriptomic insights. Journal of Environmental Sciences, 2023, 127, 336-348.	3.2	1