

# Richard Yuen Chong Kong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4615319/publications.pdf>

Version: 2024-02-01

58  
papers

2,016  
citations

257101

24  
h-index

253896

43  
g-index

59  
all docs

59  
docs citations

59  
times ranked

2463  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transgenerational bone toxicity in F3 medaka ( <i>Oryzias latipes</i> ) induced by ancestral benzo[a]pyrene exposure: Cellular and transcriptomic insights. <i>Journal of Environmental Sciences</i> , 2023, 127, 336-348.	3.2	1
2	Benzo[a]pyrene osteotoxicity and the regulatory roles of genetic and epigenetic factors: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 3244-3282.	6.6	9
3	Comparative transcriptomic analysis reveals reproductive impairments caused by PCBs and OH-PCBs through the dysregulation of ER and AR signaling. <i>Science of the Total Environment</i> , 2022, 802, 149913.	3.9	9
4	miRNA-mRNA Integrative Analysis Reveals the Roles of miRNAs in Hypoxia-Altered Embryonic Development- and Sex Determination-Related Genes of Medaka Fish. <i>Frontiers in Marine Science</i> , 2022, 8, .	1.2	1
5	Integrated Omics Approaches Revealed the Osmotic Stress-Responsive Genes and Microbiota in Gill of Marine Medaka. <i>MSystems</i> , 2022, 7, e0004722.	1.7	10
6	Microplastics act as a carrier for wastewater-borne pathogenic bacteria in sewage. <i>Chemosphere</i> , 2022, 301, 134692.	4.2	14
7	Assessment of parental benzo[a]pyrene exposure-induced cross-generational neurotoxicity and changes in offspring sperm DNA methylome in medaka fish. <i>Environmental Epigenetics</i> , 2022, 8, .	0.9	5
8	The use of glutathione to reduce oxidative stress status and its potential for modifying the extracellular matrix organization in cleft lip. <i>Free Radical Biology and Medicine</i> , 2021, 164, 130-138.	1.3	22
9	Bisphenol A and its analogues in sedimentary microplastics of Hong Kong. <i>Marine Pollution Bulletin</i> , 2021, 164, 112090.	2.3	17
10	Indication of Electromagnetic Field Exposure via RBF-SVM Using Time-Series Features of Zebrafish Locomotion. <i>Sensors</i> , 2020, 20, 4818.	2.1	6
11	Multigenerational Impacts of Benzo[a]pyrene on Bone Modeling and Remodeling in Medaka ( <i>Oryzias latipes</i> ). <i>Environmental Science &amp; Technology</i> , 2020, 54, 12271-12284.	4.6	14
12	Hypoxia causes sex-specific hepatic toxicity at the transcriptome level in marine medaka ( <i>Oryzias latipes</i> ). <i>Environmental Science &amp; Technology</i> , 2019, 53, 3917-3928.	4.6	39
13	Characterisation of the metallothionein gene in the Sydney rock oyster and its expression upon metal exposure in oysters with different prior metal exposure histories. <i>Marine Environmental Research</i> , 2019, 151, 104775.	1.1	11
14	Hypoxia Causes Transgenerational Impairment of Ovarian Development and Hatching Success in Fish. <i>Environmental Science &amp; Technology</i> , 2019, 53, 3917-3928.	4.6	39
15	The utility of vitellogenin as a biomarker of estrogenic endocrine disrupting chemicals in molluscs. <i>Environmental Pollution</i> , 2019, 248, 1067-1078.	3.7	54
16	Transcriptomic analysis reveals transgenerational effect of hypoxia on the neural control of testicular functions. <i>Aquatic Toxicology</i> , 2018, 195, 41-48.	1.9	11
17	The constitutively active estrogen receptor (ER) binds and activates the promoter of the vitellogenin (Vtg) gene in the Sydney rock oyster, <i>Saccostrea glomerata</i> . <i>Marine Pollution Bulletin</i> , 2017, 118, 397-402.	2.3	9
18	Overexpression and Knockdown of Hypoxia-Inducible Factor 1 Disrupt the Expression of Steroidogenic Enzyme Genes and Early Embryonic Development in Zebrafish. <i>Gene Regulation and Systems Biology</i> , 2017, 11, 117762501771319.	2.3	17

#	ARTICLE	IF	CITATIONS
19	A 3D coil structure achieving uniform magnetic field for in-vitro cell experiments. , 2017, , .		1
20	Potential mechanisms underlying estrogen-induced expression of the molluscan estrogen receptor (ER) gene. <i>Aquatic Toxicology</i> , 2016, 179, 82-94.	1.9	24
21	Transcriptomic responses of marine medaka's ovary to hypoxia. <i>Aquatic Toxicology</i> , 2016, 177, 476-483.	1.9	21
22	Hypoxia causes transgenerational impairments in reproduction of fish. <i>Nature Communications</i> , 2016, 7, 12114.	5.8	134
23	Discovery and functional characterization of novel miRNAs in the marine medaka <i>Oryzias melastigma</i> . <i>Aquatic Toxicology</i> , 2016, 175, 106-116.	1.9	13
24	Mechanistic insights into induction of vitellogenin gene expression by estrogens in Sydney rock oysters, <i>Saccostrea glomerata</i> . <i>Aquatic Toxicology</i> , 2016, 174, 146-158.	1.9	24
25	Tissue-specific transcriptome assemblies of the marine medaka <i>Oryzias melastigma</i> and comparative analysis with the freshwater medaka <i>Oryzias latipes</i> . <i>BMC Genomics</i> , 2015, 16, 135.	1.2	47
26	Evidence for MicroRNA-Mediated Regulation of Steroidogenesis by Hypoxia. <i>Environmental Science &amp; Technology</i> , 2015, 49, 1138-1147.	4.6	21
27	Identification and Expression Profiling of MicroRNAs in the Brain, Liver and Gonads of Marine Medaka ( <i>Oryzias melastigma</i> ) and in Response to Hypoxia. <i>PLoS ONE</i> , 2014, 9, e110698.	1.1	68
28	Regulation of CYP11B1 and CYP11B2 steroidogenic genes by hypoxia-inducible miR-10b in H295R cells. <i>Marine Pollution Bulletin</i> , 2014, 85, 344-351.	2.3	29
29	Leptin-Mediated Modulation of Steroidogenic Gene Expression in Hypoxic Zebrafish Embryos: Implications for the Disruption of Sex Steroids. <i>Environmental Science &amp; Technology</i> , 2012, 46, 9112-9119.	4.6	31
30	Prevalence and diversity of norovirus genogroups I and II in Hong Kong marine waters and detection by real-time PCR. <i>Marine Pollution Bulletin</i> , 2012, 64, 164-168.	2.3	16
31	Biology of Fluoro-Organic Compounds. <i>Topics in Current Chemistry</i> , 2011, 308, 365-404.	4.0	29
32	Major human Hepatitis A virus genotype in Hong Kong marine waters and detection by real-time PCR. <i>Marine Pollution Bulletin</i> , 2011, 62, 2654-2658.	2.3	9
33	Transcriptional regulation and functional implication of the grass carp CITED1 (gcCITED1) in the negative regulation of HIF-1. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1544-1552.	1.2	11
34	DNA technologies for monitoring waterborne pathogens: A revolution in water pollution monitoring. <i>Ocean and Coastal Management</i> , 2009, 52, 355-358.	2.0	8
35	In situ hybridization to detect spatial gene expression in medaka. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1257-1264.	2.9	10
36	Fluorescence in situ hybridization techniques (FISH) to detect changes in CYP19a gene expression of Japanese medaka ( <i>Oryzias latipes</i> ). <i>Toxicology and Applied Pharmacology</i> , 2008, 232, 226-235.	1.3	26

#	ARTICLE	IF	CITATIONS
37	Development of a marine fish model for studying in vivo molecular responses in ecotoxicology. <i>Aquatic Toxicology</i> , 2008, 86, 131-141.	1.9	122
38	Real-time PCR array to study effects of chemicals on the Hypothalamicâ€“Pituitaryâ€“Gonadal axis of the Japanese medaka. <i>Aquatic Toxicology</i> , 2008, 88, 173-182.	1.9	124
39	Enhancement of hypoxia-induced gene expression in fish liver by the aryl hydrocarbon receptor (AhR) ligand, benzo[a]pyrene (BaP). <i>Aquatic Toxicology</i> , 2008, 90, 235-242.	1.9	46
40	Responses of the Medaka HPG Axis PCR Array and Reproduction to Prochloraz and Ketoconazole. <i>Environmental Science &amp; Technology</i> , 2008, 42, 6762-6769.	4.6	82
41	Characterization of a hypoxia-responsive leptin receptor (omLepRL) cDNA from the marine medaka ( <i>Oryzias melastigma</i> ). <i>Marine Pollution Bulletin</i> , 2007, 54, 797-803.	2.3	43
42	Induction of hepatic choriogenin mRNA expression in male marine medaka: A highly sensitive biomarker for environmental estrogens. <i>Aquatic Toxicology</i> , 2006, 77, 348-358.	1.9	40
43	Phylogeny of Medicinal <i>Phyllanthus</i> Species in China Based on Nuclear ITS and ChloroplastatpB-rbcL Sequences and Multiplex PCR Detection Assay Analysis. <i>Planta Medica</i> , 2006, 72, 721-726.	0.7	17
44	Identification of a DNA Methyltransferase Gene Carried on a Pathogenicity Island-Like Element (VPAI) in <i>Vibrio parahaemolyticus</i> and Its Prevalence among Clinical and Environmental Isolates. <i>Applied and Environmental Microbiology</i> , 2006, 72, 4455-4460.	1.4	28
45	Structure, evolution and expression of a second subfamily of protein phosphatase 2A catalytic subunit genes in the rice plant ( <i>Oryza sativa</i> L.). <i>Planta</i> , 2005, 222, 757-768.	1.6	36
46	Two genes encoding protein phosphatase 2A catalytic subunits are differentially expressed in rice. <i>Plant Molecular Biology</i> , 2003, 51, 295-311.	2.0	40
47	Isolation, characterization and expression analysis of a hypoxia-responsive glucose transporter gene from the grass carp, <i>Ctenopharyngodon idellus</i> . <i>FEBS Journal</i> , 2003, 270, 3010-3017.	0.2	61
48	IDENTIFICATION OF A NOVEL CYTOCHROME P450 cDNA, CYP97E1, FROM THE MARINE DIATOM SKELETONEMA COSTATUM BACILLARIOPHYCEAE1. <i>Journal of Phycology</i> , 2003, 39, 555-560.	1.0	11
49	Molecular cloning and characterization of a hypoxia-responsive CITED3 cDNA from grass carp. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2003, 136, 163-172.	0.7	8
50	Rapid detection of six types of bacterial pathogens in marine waters by multiplex PCR. <i>Water Research</i> , 2002, 36, 2802-2812.	5.3	206
51	Biodegradation and enzymatic responses in the marine diatom <i>Skeletonema costatum</i> upon exposure to 2,4-dichlorophenol. <i>Aquatic Toxicology</i> , 2002, 59, 191-200.	1.9	74
52	Physiological and cytological responses of the marine diatom <i>Skeletonema costatum</i> to 2,4-dichlorophenol. <i>Aquatic Toxicology</i> , 2002, 60, 33-41.	1.9	39
53	Analysis of the 16Sâ€“23S rDNA intergenic spacers (IGSs) of marine vibrios for species-specific signature DNA sequences. <i>Marine Pollution Bulletin</i> , 2002, 44, 412-420.	2.3	40
54	Identification of Oligonucleotide Primers Targeted at the 16Sâ€“23S rDNA Intergenic Spacers for Genus- and Species-specific Detection of <i>Aeromonads</i> . <i>Marine Pollution Bulletin</i> , 1999, 38, 802-808.	2.3	20

#	ARTICLE	IF	CITATIONS
55	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
56	Co-detection of three species of water-borne bacteria by multiplex PCR. Marine Pollution Bulletin, 1995, 31, 317-324.	2.3	27
57	Synthesis, photophysical properties and DNA binding studies of novel luminescent rhenium(I) complexes. X-Ray crystal structure of $[\text{Re}(\text{dppn})(\text{CO})_3(\text{py})](\text{OTf})$ . Journal of the Chemical Society Chemical Communications, 1995, , 1191.	2.0	102
58	Photolytic cleavage of DNA by $[\text{Au}_3(\text{dmmp})_2]^{3+}$ . Journal of the Chemical Society Chemical Communications, 1994, , 2379.	2.0	21