

Aiguo Zhou

List of Publications by Year in descending order

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17
papers

612
citations

840776

11
h-index

996975

15
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17
all docs

17
docs citations

17
times ranked

461
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactions of microplastics and antibiotic resistance genes and their effects on the aquaculture environments. <i>Journal of Hazardous Materials</i> , 2021, 403, 123961.	12.4	170
2	Microplastics in wild freshwater fish of different feeding habits from Beijiang and Pearl River Delta regions, south China. <i>Chemosphere</i> , 2020, 258, 127345.	8.2	87
3	Species-specific effect of microplastics on fish embryos and observation of toxicity kinetics in larvae. <i>Journal of Hazardous Materials</i> , 2021, 403, 123948.	12.4	74
4	Microplastic pollution in surface water from east coastal areas of Guangdong, South China and preliminary study on microplastics biomonitoring using two marine fish. <i>Chemosphere</i> , 2020, 256, 127202.	8.2	66
5	Occurrence and distribution of microplastics in commercial fishes from estuarine areas of Guangdong, South China. <i>Chemosphere</i> , 2020, 260, 127656.	8.2	53
6	Characterization and spatial distribution of microplastics in two wild captured economic freshwater fish from north and west rivers of Guangdong province. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111555.	6.0	30
7	A dosage-effect assessment of acute toxicology tests of microplastic exposure in filter-feeding fish. <i>Fish and Shellfish Immunology</i> , 2021, 113, 154-161.	3.6	28
8	Benzo[a]pyrene induces microbiome dysbiosis and inflammation in the intestinal tracts of western mosquitofish (<i>Gambusia affinis</i>) and zebrafish (<i>Danio rerio</i>). <i>Fish and Shellfish Immunology</i> , 2020, 105, 24-34.	3.6	15
9	Interactions effects of nano-microplastics and heavy metals in hybrid snakehead (<i>Channa maculata</i> × <i>Channa argus</i>). <i>Journal of Applied Aquaculture</i> , 2021, 33(1), 1-14.	3.6	14
10	Molecular cloning, characterization and expression analysis of heat shock protein 90 in albino northern snakehead <i>Channa argus</i> . <i>Gene</i> , 2017, 626, 173-181.	2.2	13
11	Effects of mixed antimicrobial peptide on the growth performance, antioxidant and immune responses and disease resistance of Pengze crucian carp (<i>Carassius auratus</i> var. Pengze). <i>Fish and Shellfish Immunology</i> , 2021, 114, 112-118.	3.6	13
12	Expression of HSP70 family mRNAs in albino northern snakehead, <i>Channa argus</i> : Response to extreme temperature stress and bacterial infection. <i>Fish and Shellfish Immunology</i> , 2020, 104, 457-469.	3.6	12
13	Immune-related genes expression analysis of Western mosquitofish (<i>Gambusia affinis</i>) challenged with <i>Aeromonas hydrophila</i> . <i>Fish and Shellfish Immunology</i> , 2020, 102, 92-100.	3.6	11
14	Atria: an ultra-fast and accurate trimmer for adapter and quality trimming. <i>GigaByte</i> , 0, 2021, 1-18.	0.0	11
15	HSP60 expression profile under different extreme temperature stress in albino northern snakehead, <i>Channa argus</i> . <i>Cell Stress and Chaperones</i> , 2018, 23, 791-796.	2.9	9
16	The dynamic of the potential pathogenic bacteria, antibiotic-resistant bacteria, and antibiotic resistance genes in the water at different growth stages of grass carp pond. <i>Environmental Science and Pollution Research</i> , 2022, 29, 23806-23822.	5.3	6
17	Gonadal sex differentiation in hybrid snakehead of <i>Channa argus</i> (♀) × <i>Channa maculata</i> (♂). <i>Aquaculture Research</i> , 2018, 49, 2345-2348.	1.8	0