

Yunlong Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,195
citations

687363

13
h-index

454955

30
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all docs

30
docs citations

30
times ranked

957
citing authors

#	ARTICLE	IF	CITATIONS
1	Polystyrene nanoplastic exposure induces immobilization, reproduction, and stress defense in the freshwater cladoceran <i>Daphnia pulex</i> . <i>Chemosphere</i> , 2019, 215, 74-81.	8.2	225
2	Effects of microplastics on the innate immunity and intestinal microflora of juvenile <i>Eriocheir sinensis</i> . <i>Science of the Total Environment</i> , 2019, 685, 836-846.	8.0	187
3	Polystyrene nanoplastic induces ROS production and affects the MAPK-HIF-1/NFκB-mediated antioxidant system in <i>Daphnia pulex</i> . <i>Aquatic Toxicology</i> , 2020, 220, 105420.	4.0	154
4	Age-dependent survival, stress defense, and AMPK in <i>Daphnia pulex</i> after short-term exposure to a polystyrene nanoplastic. <i>Aquatic Toxicology</i> , 2018, 204, 1-8.	4.0	123
5	Effects of nanoplastics at predicted environmental concentration on <i>Daphnia pulex</i> after exposure through multiple generations. <i>Environmental Pollution</i> , 2020, 256, 113506.	7.5	109
6	Polystyrene nanoplastic induces oxidative stress, immune defense, and glycometabolism change in <i>Daphnia pulex</i> : Application of transcriptome profiling in risk assessment of nanoplastics. <i>Journal of Hazardous Materials</i> , 2021, 402, 123778.	12.4	99
7	Molecular characterisation of cytochrome P450 enzymes in waterflea (<i>Daphnia pulex</i>) and their expression regulation by polystyrene nanoplastics. <i>Aquatic Toxicology</i> , 2019, 217, 105350.	4.0	39
8	Two sigma and two mu class genes of glutathione S-transferase in the waterflea <i>Daphnia pulex</i> : Molecular characterization and transcriptional response to nanoplastic exposure. <i>Chemosphere</i> , 2020, 248, 126065.	8.2	29
9	Effects of dietary vitamin E on reproductive performance and antioxidant capacity of <i>Macrobrachium nipponense</i> female shrimp. <i>Aquaculture Nutrition</i> , 2018, 24, 1698-1708.	2.7	27
10	Different effects of reclamation methods on macrobenthos community structure in the Yangtze Estuary, China. <i>Marine Pollution Bulletin</i> , 2018, 127, 429-436.	5.0	26
11	Cloning and characterisation of Na ⁺ /K ⁺ -ATPase and carbonic anhydrase from oriental river prawn <i>Macrobrachium nipponense</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 129, 809-817.	7.5	24
12	Assessing the ecological health of the Chongming Dongtan Nature Reserve, China, using different benthic biotic indices. <i>Marine Pollution Bulletin</i> , 2019, 146, 76-84.	5.0	23
13	Expression and activation of <i>Daphnia pulex</i> Caspase-3 are involved in regulation of aging. <i>Gene</i> , 2017, 634, 37-46.	2.2	15
14	Effect of dietary vitamin E on growth, immunity and regulation of hepatopancreas nutrition in male oriental river prawn, <i>Macrobrachium nipponense</i> . <i>Aquaculture Research</i> , 2019, 50, 1741-1751.	1.8	13
15	Characterization and expression of arginine kinase 2 from <i>Macrobrachium nipponense</i> in response to salinity stress. <i>Developmental and Comparative Immunology</i> , 2020, 113, 103804.	2.3	13
16	Macrobenthic community characteristics and ecological health of a constructed intertidal oyster reef in the Yangtze Estuary, China. <i>Marine Pollution Bulletin</i> , 2018, 135, 95-104.	5.0	11
17	Analysis of the microRNA transcriptome of <i>Daphnia pulex</i> during aging. <i>Gene</i> , 2018, 664, 101-110.	2.2	10
18	Cloning, expression and cellular localization of <i>Daphnia pulex</i> senescence-associated protein, DpSAP. <i>Gene</i> , 2014, 534, 424-430.	2.2	9

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19	Cloning and expression of chitin deacetylase 1 from <i>Macrobrachium nipponense</i> , and the effects of dietary protein on growth, body composition and digestive enzymes. <i>Aquaculture Nutrition</i> , 2018, 24, 1664-1678.	2.7	9
20	Comparison of morphology and genetic diversity between broodstock and hybrid offspring of oriental river prawn, <i>Macrobrachium nipponense</i> based on morphological analysis and SNP markers. <i>Animal Genetics</i> , 2021, 52, 461-471.	1.7	9
21	Comparison of growth performance and biochemical components between parent and hybrid offspring in the oriental river prawn, <i>Macrobrachium nipponense</i> . <i>Animal Genetics</i> , 2021, 52, 185-197.	1.7	9
22	Changes in ultrastructure of gonads and external morphology during aging in the parthenogenetic cladoceran <i>Daphnia pulex</i> . <i>Micron</i> , 2019, 122, 1-7.	2.2	8
23	Comparison of lipid metabolism between broodstock and hybrid offspring in the hepatopancreas of juvenile shrimp (<i>Macrobrachium nipponense</i>): Response to chronic ammonia stress. <i>Animal Genetics</i> , 2022, 53, 393-404.	1.7	7
24	The effects of dietary Zinc on growth, immunity and reproductive performance of female <i>Macrobrachium nipponense</i> prawn. <i>Aquaculture Research</i> , 2021, 52, 1585-1593.	1.8	4
25	Comparison of immune defense and antioxidant capacity between broodstock and hybrid offspring of juvenile shrimp (<i>Macrobrachium nipponense</i>): Response to acute ammonia stress. <i>Animal Genetics</i> , 2022, 53, 380-392.	1.7	4
26	Effects of prohibitin on ageing process and reproduction of <i>Daphnia pulex</i> . <i>Aquaculture Research</i> , 2019, 50, 3597-3607.	1.8	3
27	De novo transcriptome analysis reveals possible heterosis for growth, immunity and anti-oxidation of <i>Macrobrachium nipponense</i> hybrid offspring and parent populations. <i>Aquaculture Research</i> , 2022, 53, 1-12.	1.8	2
28	Effects of reduced salinity caused by reclamation on population and physiological characteristics of the sesarmid crab <i>Chiromantes dehaani</i> . <i>Scientific Reports</i> , 2022, 12, 1591.	3.3	2
29	Effect of β -Cyhalothrin-Loaded Polydopamine Microcapsule Suspensions on Stress Defenses in the Chinese Mitten Crab, <i>Eriocheir sinensis</i> . <i>ACS Agricultural Science and Technology</i> , 2021, 1, 303-311.	2.3	1
30	Comparison of detoxification capacity between broodstock and hybrid offspring in the gills of juvenile shrimp (<i>Macrobrachium nipponense</i>): Response to chronic ammonia stress. <i>Aquaculture Research</i> , 2022, 53, 4487-4496.	1.8	1