

Zhi-Jian Huang

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,107
citations

567281

15
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

993
citing authors

#	ARTICLE	IF	CITATIONS
1	Sedimentary Nitrogen and Sulfur Reduction Functional-Couplings Interplay With the Microbial Community of Anthropogenic Shrimp Culture Pond Ecosystem. <i>Frontiers in Microbiology</i> , 2022, 13, 830777.	3.5	2
2	Interactions and Stability of Gut Microbiota in Zebrafish Increase with Host Development. <i>Microbiology Spectrum</i> , 2022, 10, e0169621.	3.0	11
3	Abundant and Rare Microbial Communities Respectively Contribute to an Aquaculture Pond Ecosystem. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	2
4	Community diversity and abundance of ammonia-oxidizing archaea and bacteria in shrimp pond sediment at different culture stages. <i>Journal of Applied Microbiology</i> , 2021, 130, 1442-1455.	3.1	18
5	Efficient assembly of nanopore reads via highly accurate and intact error correction. <i>Nature Communications</i> , 2021, 12, 60.	12.8	166
6	Stochastic processes shape the bacterial community assembly in shrimp cultural pond sediments. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 5013-5022.	3.6	20
7	Distinct bacterial communities in the environmental water, sediment and intestine between two crayfish-plant coculture ecosystems. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 5087-5101.	3.6	17
8	Sediment microbiota in polyculture of shrimp and fish pattern is distinctive from those in monoculture intensive shrimp or fish ponds. <i>Science of the Total Environment</i> , 2021, 787, 147594.	8.0	16
9	Host development overwhelms environmental dispersal in governing the ecological succession of zebrafish gut microbiota. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 5.	6.4	64
10	Environmental Water and Sediment Microbial Communities Shape Intestine Microbiota for Host Health: The Central Dogma in an Anthropogenic Aquaculture Ecosystem. <i>Frontiers in Microbiology</i> , 2021, 12, 772149.	3.5	8
11	Intestine Bacterial Community Composition of Shrimp Varies Under Low- and High-Salinity Culture Conditions. <i>Frontiers in Microbiology</i> , 2020, 11, 589164.	3.5	20
12	Microecological Koch's postulates reveal that intestinal microbiota dysbiosis contributes to shrimp white feces syndrome. <i>Microbiome</i> , 2020, 8, 32.	11.1	126
13	Identification of Multigene Biomarker for Shrimp White Feces Syndrome by Full-Length Transcriptome Sequencing. <i>Frontiers in Genetics</i> , 2020, 11, 71.	2.3	22
14	Temporal variation of antibiotic resistance genes carried by culturable bacteria in the shrimp hepatopancreas and shrimp culture pond water. <i>Ecotoxicology and Environmental Safety</i> , 2020, 199, 110738.	6.0	15
15	Dissimilarity of microbial diversity of pond water, shrimp intestine and sediment in Aquaculture system. <i>AMB Express</i> , 2020, 10, 180.	3.0	23
16	Occurrence of human pathogenic bacteria carrying antibiotic resistance genes revealed by metagenomic approach: A case study from an aquatic environment. <i>Journal of Environmental Sciences</i> , 2019, 80, 248-256.	6.1	31
17	Antibiotic supplement in feed can perturb the intestinal microbial composition and function in Pacific white shrimp. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 3111-3122.	3.6	28
18	Intestinal bacterial signatures of white feces syndrome in shrimp. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 3701-3709.	3.6	118

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19	Comparative analysis of the bacterial community compositions of the shrimp intestine, surrounding water and sediment. <i>Journal of Applied Microbiology</i> , 2018, 125, 792-799.	3.1	72
20	Shrimp TAB1 interacts with TAK1 and p38 and activates the host innate immune response to bacterial infection. <i>Molecular Immunology</i> , 2017, 88, 10-19.	2.2	15
21	Environmental Factors Shape Water Microbial Community Structure and Function in Shrimp Cultural Enclosure Ecosystems. <i>Frontiers in Microbiology</i> , 2017, 8, 2359.	3.5	137
22	Composition, diversity and function of intestinal microbiota in pacific white shrimp (<i>Litopenaeus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	108
23	Immunological evaluation of <i>Vibrio alginolyticus</i> , <i>Vibrio harveyi</i> , <i>Vibrio vulnificus</i> and infectious spleen and kidney necrosis virus (ISKNV) combined-vaccine efficacy in <i>Epinephelus coioides</i> . <i>Veterinary Immunology and Immunopathology</i> , 2012, 150, 61-68.	1.2	27
24	Potential biosorbent based on sugarcane bagasse modified with tetraethylenepentamine for removal of eosin Y. <i>International Journal of Biological Macromolecules</i> , 2012, 50, 707-712.	7.5	38
25	Bacterial and eukaryotic community interactions might contribute to shrimp culture pond soil ecosystem at different culture stages. <i>Soil Ecology Letters</i> , 0, , 1.	4.5	2