Zhi-Jian Huang

List of Publications by Year
in descending order

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	Efficient assembly of nanopore reads via highly accurate and intact error correction. Nature Communications, 2021, 12, 60.	12.8	166
2	Environmental Factors Shape Water Microbial Community Structure and Function in Shrimp Cultural Enclosure Ecosystems. Frontiers in Microbiology, 2017, 8, 2359.	3.5	137
3	Microecological Kochâ€™s postulates reveal that intestinal microbiota dysbiosis contributes to shrimp white feces syndrome. Microbiome, 2020, 8, 32.	11.1	126
4	Intestinal bacterial signatures of white feces syndrome in shrimp. Applied Microbiology and Biotechnology, 2018, 102, 3701-3709.	3.6	118
5	Composition, diversity and function of intestinal microbiota in pacific white shrimp (<i>Litopenaeus) Tj ETQq1 1 0.784314 rgBT /Over	2.0	108
6	Comparative analysis of the bacterial community compositions of the shrimp intestine, surrounding water and sediment. Journal of Applied Microbiology, 2018, 125, 792-799.	3.1	72
7	Host development overwhelms environmental dispersal in governing the ecological succession of zebrafish gut microbiota. Npj Biofilms and Microbiomes, 2021, 7, 5.	6.4	64
8	Potential biosorbent based on sugarcane bagasse modified with tetraethylenepentamine for removal of eosin Y. International Journal of Biological Macromolecules, 2012, 50, 707-712.	7.5	38
9	Occurrence of human pathogenic bacteria carrying antibiotic resistance genes revealed by metagenomic approach: A case study from an aquatic environment. Journal of Environmental Sciences, 2019, 80, 248-256.	6.1	31
10	Antibiotic supplement in feed can perturb the intestinal microbial composition and function in Pacific white shrimp. Applied Microbiology and Biotechnology, 2019, 103, 3111-3122.	3.6	28
11	Immunological evaluation of Vibrio alginolyticus, Vibrio harveyi, Vibrio vulnificus and infectious spleen and kidney necrosis virus (ISKNV) combined-vaccine efficacy in Epinephelus coioides. Veterinary Immunology and Immunopathology, 2012, 150, 61-68.	1.2	27
12	Dissimilarity of microbial diversity of pond water, shrimp intestine and sediment in Aquamimicry system. AMB Express, 2020, 10, 180.	3.0	23
13	Identification of Multigene Biomarker for Shrimp White Feces Syndrome by Full-Length Transcriptome Sequencing. Frontiers in Genetics, 2020, 11, 71.	2.3	22
14	Intestine Bacterial Community Composition of Shrimp Varies Under Low- and High-Salinity Culture Conditions. Frontiers in Microbiology, 2020, 11, 589164.	3.5	20
15	Stochastic processes shape the bacterial community assembly in shrimp cultural pond sediments. Applied Microbiology and Biotechnology, 2021, 105, 5013-5022.	3.6	20
16	Community diversity and abundance of ammoniaâ€oxidizing archaea and bacteria in shrimp pond sediment at different culture stages. Journal of Applied Microbiology, 2021, 130, 1442-1455.	3.1	18
17	Distinct bacterial communities in the environmental water, sediment and intestine between two crayfish-plant coculture ecosystems. Applied Microbiology and Biotechnology, 2021, 105, 5087-5101.	3.6	17
18	Sediment microbiota in polyculture of shrimp and fish pattern is distinctive from those in monoculture intensive shrimp or fish ponds. Science of the Total Environment, 2021, 787, 147594.	8.0	16

#	Article	IF	Citations
19	Shrimp TAB1 interacts with TAK1 and p38 and activates the host innate immune response to bacterial infection. Molecular Immunology, 2017, 88, 10-19.	2.2	15
20	Temporal variation of antibiotic resistance genes carried by culturable bacteria in the shrimp hepatopancreas and shrimp culture pond water. Ecotoxicology and Environmental Safety, 2020, 199, 110738.	6.0	15
21	Interactions and Stability of Gut Microbiota in Zebrafish Increase with Host Development. Microbiology Spectrum, 2022, 10, e0169621.	3.0	11
22	Environmental Water and Sediment Microbial Communities Shape Intestine Microbiota for Host Health: The Central Dogma in an Anthropogenic Aquaculture Ecosystem. Frontiers in Microbiology, 2021, 12, 772149.	3.5	8
23	Bacterial and eukaryotic community interactions might contribute to shrimp culture pond soil ecosystem at different culture stages. Soil Ecology Letters, 0, , 1.	4.5	2
24	Sedimentary Nitrogen and Sulfur Reduction Functional-Couplings Interplay With the Microbial Community of Anthropogenic Shrimp Culture Pond Ecosystem. Frontiers in Microbiology, 2022, 13, 830777.	3.5	2
25	Abundant and Rare Microbial Communities Respectively Contribute to an Aquaculture Pond Ecosystem. Frontiers in Marine Science, 2022, 9, .	2.5	2