

Economic loss due to diseases in Indian shrimp farming *Enterocytozoon hepatopenaei* (EHP) and white spot syndrome

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The rise of the syndrome “ sub“optimal growth disorders in farmed shrimp. Reviews in Aquaculture, 2021, 13, 1888-1906.	9.0	22
2	Co“infection of infectious myonecrosis virus and <i>Enterocytozoon hepatopenaei</i> in <i>Penaeus vannamei</i> farms in the east coast of India. Aquaculture Research, 2021, 52, 4701-4710.	1.8	6
3	Genotype Diversity and Spread of White Spot Syndrome Virus (WSSV) in Madagascar (2012“2016). Viruses, 2021, 13, 1713.	3.3	8
4	Occurrence of microsporidian in white faeces syndrome (WFS)“diseased <i>Litopenaeus vannamei</i> of intensive grow“out ponds of India. Aquaculture Research, 2021, 52, 6591.	1.8	1
5	Response signatures of <i>Litopenaeus vannamei</i> to natural <i>Enterocytozoon hepatopenaei</i> infection revealed by the integration of the microbiome and transcriptome. Aquaculture, 2021, 542, 736885.	3.5	20
6	In Silico Prediction of Novel Probiotic Species Limiting Pathogenic <i>Vibrio</i> Growth Using Constraint-Based Genome Scale Metabolic Modeling. Frontiers in Cellular and Infection Microbiology, 2021, 11, 752477.	3.9	4
7	Establishment of infection mode and <i>Penaeus monodon</i> hemocytes transcriptomics analysis under decapod iridescent virus 1 (DIV1) challenge. Aquaculture, 2021, 542, 736816.	3.5	29
8	Microalgae-made vaccines against infectious diseases. Algal Research, 2021, 58, 102408.	4.6	15
9	An integrated approach to analyzing the effect of biofloc and probiotic technologies on sustainability and food safety in shrimp farming systems. Journal of Cleaner Production, 2021, 318, 128618.	9.3	4
10	Effect of oxytetracycline on the biosafety, gut microbial diversity, immune gene expression and withdrawal period in Pacific whiteleg shrimp, <i>Penaeus vannamei</i> . Aquaculture, 2021, 543, 736957.	3.5	6
11	Polychaete worm - A passive carrier for <i>Enterocytozoon hepatopenaei</i> in shrimp. Aquaculture, 2021, 545, 737187.	3.5	8
12	Multiple infections of <i>Enterocytozoon hepatopenaei</i> and Hepatopancreatic parvovirus in pond-reared <i>Penaeus vannamei</i> in India. Aquaculture, 2021, 545, 737232.	3.5	7
13	Farm-level economic cost of <i>Enterocytozoon hepatopenaei</i> (EHP) to Indian <i>Penaeus vannamei</i> shrimp farming. Aquaculture, 2022, 548, 737685.	3.5	12
14	Effects of <i>Enterocytozoon hepatopenaei</i> single-infection or co-infection with <i>Vibrio parahaemolyticus</i> on the hepatopancreas of <i>Penaeus vannamei</i> . Aquaculture, 2022, 549, 737726.	3.5	8
15	Microbiome Interventions for the Prevention and Control of Disease Outbreaks in Shrimp Aquaculture. , 2021, , 459-471.		1
16	Phenotypic assessment of safety and probiotic potential of native isolates from marine fish <i>Moolgarda seheli</i> towards sustainable aquaculture. Biologia (Poland), 2022, 77, 775-790.	1.5	5
17	Infection with White Spot Syndrome Virus Affects the Microbiota in the Stomachs and Intestines of Kuruma Shrimp. SSRN Electronic Journal, 0, , .	0.4	0
18	Viral Shrimp Diseases Listed by the OIE: A Review. Viruses, 2022, 14, 585.	3.3	43

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19	Evaluation of hemato-immune parameters in African catfish, <i>Clarias gariepinus</i> (Burchell 1822) experimentally challenged with <i>Serratia marcescens</i> . <i>Comparative Clinical Pathology</i> , 2022, 31, 475-481.	0.7	3
20	Evaluation of a commercial SPF <i>Litopenaeus vannamei</i> shrimp breeding program: Resistance to infectious myonecrosis virus (IMNV), Taura syndrome virus (TSV), and white spot syndrome virus (WSSV) from laboratory challenges. <i>Aquaculture</i> , 2022, 554, 738145.	3.5	5
21	Effect of <i>Enterocytozoon hepatopenaei</i> (EHP) infection on physiology, metabolism, immunity, and growth of <i>Penaeus vannamei</i> . <i>Aquaculture</i> , 2022, 553, 738105.	3.5	11
22	Establishment and application of a TaqMan probe-based qPCR for the detection of <i>Enterocytozoon hepatopenaei</i> in shrimp <i>Litopenaeus vannamei</i> . <i>Parasitology Research</i> , 2022, 121, 2263-2274.	1.6	4
23	Infection with white spot syndrome virus affects the microbiota in the stomachs and intestines of kuruma shrimp. <i>Science of the Total Environment</i> , 2022, 839, 156233.	8.0	10
24	Evaluation on prevention and treatment of cuminaldehyde in culture of shrimp against white spot syndrome virus. <i>Aquaculture</i> , 2023, 562, 738760.	3.5	10
25	Artificial germination of <i>Enterocytozoon hepatopenaei</i> (EHP) spores induced by ions under the scanning electron microscope. <i>Journal of Invertebrate Pathology</i> , 2022, 194, 107820.	3.2	1
26	Identification and functional analysis of epidermal growth factor receptor (EGFR) from <i>Scylla paramamosain</i> : The first evidence of two EGFR genes in animal and their involvement in immune defense against pathogen infection. <i>Molecular Immunology</i> , 2022, 151, 143-157.	2.2	4
27	Risks and adaptation dynamics in shrimp and prawn-based farming systems in southwest coastal Bangladesh. <i>Aquaculture</i> , 2023, 562, 738819.	3.5	8
28	The emerging pathogen <i>Enterocytozoon hepatopenaei</i> drives a degenerative cyclic pattern in the hepatopancreas microbiome of the shrimp (<i>Penaeus vannamei</i>). <i>Scientific Reports</i> , 2022, 12, .	3.3	3
29	Rapid visual detection of <i>Enterocytozoon hepatopenaei</i> by recombinase polymerase amplification combined with lateral flow dipstick. <i>Frontiers in Marine Science</i> , 0, 9, .	2.5	1
30	Dietary supplementation of <i>Pseudoalteromonas piscicida</i> 1UB and fructooligosaccharide enhance growth performance and protect the whiteleg shrimp (<i>Litopenaeus vannamei</i>) against WSSV and <i>Vibrio harveyi</i> coinfection. <i>Fish and Shellfish Immunology</i> , 2022, 131, 746-756.	3.6	4
31	A laboratory challenge model for evaluating <i>enterocytozoon hepatopenaei</i> susceptibility in selected lines of pacific whiteleg shrimp <i>Penaeus vannamei</i> . <i>Journal of Invertebrate Pathology</i> , 2023, 196, 107853.	3.2	1
33	Dietary supplementation of <i>Salvinia cucullata</i> in white shrimp <i>Litopenaeus vannamei</i> to enhance the growth, nonspecific immune responses, and disease resistance to <i>Vibrio parahaemolyticus</i> . <i>Fish and Shellfish Immunology</i> , 2023, 132, 108465.	3.6	3
34	A new Progressive Management Pathway for improving seaweed biosecurity. <i>Nature Communications</i> , 2022, 13, .	12.8	7
35	The Influence of Photodynamic Antimicrobial Chemotherapy on the Microbiome, Neuroendocrine and Immune System of Crustacean Post Larvae. <i>Toxics</i> , 2023, 11, 36.	3.7	0
36	Heterologous Expression of Toxic White Spot Syndrome Virus (WSSV) Protein in Engineered <i>Escherichia coli</i> Strains. <i>Applied Biochemistry and Biotechnology</i> , 0, , .	2.9	1
37	Detection of <i>Enterocytozoon hepatopenaei</i> (EHP) (microsporidia) in several species of potential macrofauna-carriers from shrimp (<i>Penaeus vannamei</i>) ponds in Malaysia. <i>Journal of Invertebrate Pathology</i> , 2023, 198, 107910.	3.2	2

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38	Analysis of differentially expressed proteins after EHP-infection and characterization of caspase 3 protein in the whiteleg shrimp (<i>Litopenaeus vannamei</i>). <i>Fish and Shellfish Immunology</i> , 2023, 135, 108698.	3.6	2
39	An Indian Perspective on the Infection and Diagnostic Landscape of Shrimp Aquaculture. <i>ACS Agricultural Science and Technology</i> , 2023, 3, 305-317.	2.3	0
40	MRF: a tool to overcome the barrier of inconsistent genome annotations and perform comparative genomics studies for the largest animal DNA virus. <i>Virology Journal</i> , 2023, 20, .	3.4	1
41	5-Aminolaevulinic acid reduced the mortality of the Pacific white shrimp <i>Litopenaeus vannamei</i> infected with <i>Enterocytozoon hepatopenaei</i> . <i>Aquaculture</i> , 2023, 568, 739322.	3.5	1
42	Influence of dietary microalgal concentrates on growth, survival and health status of <i>Penaeus vannamei</i> . <i>Aquaculture International</i> , 2023, 31, 2883-2903.	2.2	2
43	Eco-friendly and safe alternatives for the valorization of shrimp farming waste. <i>Environmental Science and Pollution Research</i> , 0, , .	5.3	5
44	Roles of qseC mutation in bacterial resistance against anti-lipopolysaccharide factor isoform 3 (ALFPm3). <i>PLoS ONE</i> , 2023, 18, e0286764.	2.5	0
45	Cinnamaldehyde, a major component of <i>Cinnamomum cassia</i> Presl ethanol extract, has the potential to unlock the outbreak of WSSV. <i>Aquaculture</i> , 2023, 575, 739761.	3.5	1
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48	Host and transmission route of <i>Enterocytozoon hepatopenaei</i> (EHP) between dragonfly and shrimp. <i>Aquaculture</i> , 2023, 574, 739642.	3.5	2
49	Khả năng sát khuẩn và hiệu quả phòng ngừa bệnh do vi khuẩn <i>Enterocytozoon hepatopenaei</i> (EHP) truyền trong (<i>Litopenaeus vannamei</i>) nuôi ở vùng ven biển Kiên Giang. <i>Tap Chi Khoa Hoc = Journal of Science</i> , 2023, 59, 149-160. 0.1		0
50	Factors Contributing to the Emergence of Viral Diseases. , 2023, , 3-69.		0
51	Efficacy of White Spot Syndrome Virus Protein VP28-Expressing <i>Chlorella vulgaris</i> as an Oral Vaccine for Shrimp. <i>Viruses</i> , 2023, 15, 2010.	3.3	0
52	Defining and averting syndemic pathways in aquaculture: a major global food sector. <i>Frontiers in Sustainable Food Systems</i> , 0, 7, .	3.9	0
53	Whole genome sequence analysis of <i>Aeromonas</i> -infecting bacteriophage AHPMCC7, a new species of genus <i>Âhphunavirus</i> and its application in <i>Litopenaeus vannamei</i> culture. <i>Virology</i> , 2023, 588, 109887.	2.4	1
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57	Evaluation of the antiviral activity of chlorogenic acid against white spot syndrome virus. <i>Aquaculture</i> , 2024, 579, 740242.	3.5	0
58	Effect of Methanol Extracts of <i>Arthrospira platensis</i> on Survival and Increased Disease Resistance in <i>Litopenaeus vannamei</i> against Vibriosis. <i>Journal of Pure and Applied Microbiology</i> , 0, , .	0.9	0
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66	Aquatic food loss and waste rate in the United States is half of earlier estimates. <i>Nature Food</i> , 2023, 4, 1058-1069.	14.0	2
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69	Intestine bacterial community affects the growth of the Pacific white shrimp (<i>Litopenaeus vannamei</i>). <i>Applied Microbiology and Biotechnology</i> , 2024, 108, .	3.6	0
70	Investigating the transcriptomic variances in two phases <i>Ecytonucleospora hepatopenaei</i> (EHP) in <i>Litopenaeus vannamei</i> . <i>Journal of Invertebrate Pathology</i> , 2024, 203, 108061.	3.2	0
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