

Vanvimon Saksmerprome

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

888
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471509

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#	ARTICLE	IF	CITATIONS
1	Naturally concurrent infections of bacterial and viral pathogens in disease outbreaks in cultured Nile tilapia (<i>Oreochromis niloticus</i>) farms. <i>Aquaculture</i> , 2015, 448, 427-435.	3.5	135
2	Applications of Microalgal Biotechnology for Disease Control in Aquaculture. <i>Biology</i> , 2018, 7, 24.	2.8	71
3	Artificial tertiary motifs stabilize trans-cleaving hammerhead ribozymes under conditions of submillimolar divalent ions and high temperatures. <i>Rna</i> , 2004, 10, 1916-1924.	3.5	60
4	A novel and inexpensive application of RNAi technology to protect shrimp from viral disease. <i>Journal of Virological Methods</i> , 2009, 162, 213-217.	2.1	54
5	Rapid and sensitive detection of infectious hypodermal and hematopoietic necrosis virus by loop-mediated isothermal amplification combined with a lateral flow dipstick. <i>Journal of Virological Methods</i> , 2011, 171, 21-25.	2.1	47
6	Additional random, single to multiple genome fragments of <i>Penaeus stylirostris</i> densovirus in the giant tiger shrimp genome have implications for viral disease diagnosis. <i>Virus Research</i> , 2011, 160, 180-190.	2.2	46
7	Detection of natural infection of infectious spleen and kidney necrosis virus in farmed tilapia by hydroxynaphthol blue-loop-mediated isothermal amplification assay. <i>Journal of Applied Microbiology</i> , 2016, 121, 55-67.	3.1	45
8	Large-scale production and antiviral efficacy of multi-target double-stranded RNA for the prevention of white spot syndrome virus (WSSV) in shrimp. <i>BMC Biotechnology</i> , 2015, 15, 110.	3.3	44
9	Use of microalgae <i>Chlamydomonas reinhardtii</i> for production of double-stranded RNA against shrimp virus. <i>Aquaculture Reports</i> , 2016, 3, 178-183.	1.7	40
10	Biology, Genome Organization, and Evolution of Parvoviruses in Marine Shrimp. <i>Advances in Virus Research</i> , 2014, 89, 85-139.	2.1	37
11	Generation of microalga <i>Chlamydomonas reinhardtii</i> expressing shrimp antiviral dsRNA without supplementation of antibiotics. <i>Scientific Reports</i> , 2019, 9, 3164.	3.3	36
12	Using double-stranded RNA for the control of Laem-Singh Virus (LSNV) in Thai <i>P. monodon</i> . <i>Journal of Biotechnology</i> , 2013, 164, 449-453.	3.8	31
13	Detection of infectious hypodermal and haematopoietic necrosis virus (IHHNV) in farmed Australian <i>Penaeus monodon</i> by PCR analysis and DNA sequencing. <i>Aquaculture</i> , 2010, 298, 190-193.	3.5	29
14	Chitosan and its quaternized derivative as effective long dsRNA carriers targeting shrimp virus in <i>Spodoptera frugiperda</i> 9 cells. <i>Journal of Biotechnology</i> , 2012, 160, 97-104.	3.8	29
15	Evidence of vertical transmission and tissue tropism of Streptococcosis from naturally infected red tilapia (<i>Oreochromis</i> spp.). <i>Aquaculture Reports</i> , 2016, 3, 58-66.	1.7	29
16	Therapeutic effect of <i>Artemia</i> enriched with <i>Escherichia coli</i> expressing double-stranded RNA in the black tiger shrimp <i>Penaeus monodon</i> . <i>Antiviral Research</i> , 2013, 100, 202-206.	4.1	24
17	Probiotic bacteria (<i>Lactobacillus plantarum</i>) expressing specific double-stranded RNA and its potential for controlling shrimp viral and bacterial diseases. <i>Aquaculture International</i> , 2017, 25, 1679-1692.	2.2	22
18	Persistence of <i>Penaeus stylirostris</i> densovirus delays mortality caused by white spot syndrome virus infection in black tiger shrimp (<i>Penaeus monodon</i>). <i>BMC Veterinary Research</i> , 2013, 9, 33.	1.9	13

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19	Structural Flexibility and the Thermodynamics of Helix Exchange Constrain Attenuation and Allosteric Activation of Hammerhead Ribozyme TRAPs. <i>Biochemistry</i> , 2003, 42, 13879-13886.	2.5	12
20	In situ DIG-labeling, loop-mediated DNA Amplification (ISDL) for highly sensitive detection of infectious hypodermal and hematopoietic necrosis virus (IHHNV). <i>Aquaculture</i> , 2016, 456, 36-43.	3.5	10
21	Nile tilapia reared under full-strength seawater: Hemato-immunological changes and susceptibility to pathogens. <i>Aquaculture</i> , 2017, 480, 42-50.	3.5	10
22	Infectious cell culture system for concurrent propagation and purification of Megalocytivirus ISKNV and nervous necrosis virus from Asian Sea bass (<i>Lates calcarifer</i>). <i>Aquaculture</i> , 2020, 520, 734931.	3.5	10
23	Deprotonation Stimulates Productive Folding in Allosteric TRAP Hammerhead Ribozymes. <i>Journal of Molecular Biology</i> , 2004, 341, 685-694.	4.2	9
24	Shewanella putrefaciens in cultured tilapia detected by a new calcein-loop-mediated isothermal amplification (Ca-LAMP) method. <i>Diseases of Aquatic Organisms</i> , 2015, 117, 133-143.	1.0	9
25	Double-Loop-Mediated Isothermal Amplification (D-LAMP) using colourimetric gold nanoparticle probe for rapid detection of infectious <i>Penaeus stylirostris</i> densovirus (PstDNV) with reduced false-positive results from endogenous viral elements. <i>Aquaculture</i> , 2019, 510, 131-137.	3.5	9
26	Refolded recombinant major capsid protein (MCP) from Infectious Spleen and Kidney Necrosis Virus (ISKNV) effectively stimulates serum specific antibody and immune related genes response in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Protein Expression and Purification</i> , 2021, 184, 105876.	1.3	9
27	Probiotics expressing double-stranded RNA targeting VP28 efficiently protect shrimps from WSSV infection. <i>Aquaculture Reports</i> , 2022, 23, 101067.	1.7	7
28	Effective suppression of yellow head virus replication in <i>Penaeus monodon</i> hemocytes using constitutive expression vector for long-hairpin RNA (lhrRNA). <i>Journal of Invertebrate Pathology</i> , 2020, 175, 107442.	3.2	6
29	Feasibility of dsRNA treatment for post-clearing SPF shrimp stocks of newly discovered viral infections using Laem Singh virus (LSNV) as a model. <i>Virus Research</i> , 2017, 235, 73-76.	2.2	4
30	Zebrafish U6 promoter driving short-hairpin RNA expression for PmRab7 knockdown to inhibit yellow head virus infection in shrimp hemocytes. <i>Journal of the World Aquaculture Society</i> , 0, , .	2.4	0