

Pongsak Khunrae

List of Publications by Year in descending order

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759233

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#	ARTICLE	IF	CITATIONS
1	Full-Length Recombinant Plasmodium falciparum VAR2CSA Binds Specifically to CSPG and Induces Potent Parasite Adhesion-Blocking Antibodies. <i>Journal of Molecular Biology</i> , 2010, 397, 826-834.	4.2	106
2	Structural Comparison of Two CSPG-Binding DBL Domains from the VAR2CSA Protein Important in Malaria during Pregnancy. <i>Journal of Molecular Biology</i> , 2009, 393, 202-213.	4.2	59
3	Chondroitin Sulfate A-Adhering Plasmodium falciparum-Infected Erythrocytes Express Functionally Important Antibody Epitopes Shared by Multiple Variants. <i>Journal of Immunology</i> , 2010, 185, 7553-7561.	0.8	56
4	Immunisation with Recombinant PfEMP1 Domains Elicits Functional Rosette-Inhibiting and Phagocytosis-Inducing Antibodies to Plasmodium falciparum. <i>PLoS ONE</i> , 2011, 6, e16414.	2.5	41
5	Viral infections in tilapines: More than just tilapia lake virus. <i>Aquaculture</i> , 2019, 503, 508-518.	3.5	39
6	Characterization of Bacteriophages Infecting Clinical Isolates of Clostridium difficile. <i>Frontiers in Microbiology</i> , 2018, 9, 1701.	3.5	33
7	Blood and liver biopsy for the non-destructive screening of tilapia lake virus. <i>Journal of Fish Diseases</i> , 2019, 42, 1629-1636.	1.9	20
8	Effects of helix and fingertip mutations on the thermostability of xyn11A investigated by molecular dynamics simulations and enzyme activity assays. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 3978-3992.	3.5	19
9	The combined effect of formic acid and Nisin on potato spoilage. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 24, 101523.	3.1	17
10	A multi-epitope chimeric protein elicited a strong antibody response and partial protection against Edwardsiella ictaluri in Nile tilapia. <i>Journal of Fish Diseases</i> , 2022, 45, 1-18.	1.9	17
11	Epr3 is a conserved immunogenic protein among Aeromonas species and able to induce antibody response in Nile tilapia. <i>Aquaculture</i> , 2016, 464, 399-409.	3.5	16
12	Synergistic effects between the additions of a disulphide bridge and an N-terminal hydrophobic sidechain on the binding pocket tilting and enhanced Xyn11A activity. <i>Archives of Biochemistry and Biophysics</i> , 2019, 672, 108068.	3.0	15
13	Recombinant baculovirus mediates dsRNA specific to rr2 delivery and its protective efficacy against WSSV infection. <i>Journal of Biotechnology</i> , 2016, 229, 44-52.	3.8	14
14	Structural insights into chondroitin sulfate binding in pregnancy-associated malaria. <i>Biochemical Society Transactions</i> , 2010, 38, 1337-1341.	3.4	12
15	Expression and purification of S5196-272 and S6200-317 proteins from Tilapia Lake Virus (TiLV) and their potential use as vaccines. <i>Protein Expression and Purification</i> , 2022, 190, 106013.	1.3	11
16	Fungal pretreatments of Napier grass and sugarcane leaves for high recovery of lignocellulosic enzymes and methane production. <i>Industrial Crops and Products</i> , 2022, 180, 114706.	5.2	11
17	Comparative genomics of Edwardsiella ictaluri revealed four distinct host-specific genotypes and thirteen potential vaccine candidates. <i>Genomics</i> , 2021, 113, 1976-1987.	2.9	10
18	Investigation into the effects of CbXyn10C and Xyn11A on xylooligosaccharide profiles produced from sugarcane bagasse and rice straw and their impact on probiotic growth. <i>Bioresource Technology</i> , 2022, 344, 126319.	9.6	10

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19	Knockdown of <i>Litopenaeus vannamei</i> HtrA2, an up-regulated gene in response to WSSV infection, leading to delayed shrimp mortality. <i>Journal of Biotechnology</i> , 2016, 219, 48-56.	3.8	9
20	Effects of oligolignol sizes and binding modes on a GH11 xylanase inhibition revealed by molecular modeling techniques. <i>Journal of Molecular Modeling</i> , 2020, 26, 124.	1.8	9
21	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
22	<i>Edwardsiella ictaluri</i> : A systemic review and future perspectives on disease management. <i>Reviews in Aquaculture</i> , 2022, 14, 1613-1636.	9.0	8
23	The identification and expression of the full-length HtrA2 gene from <i>Penaeus monodon</i> (black tiger) Tj ETQq1 1 0.784314 rgBT /Overl	1.3	7
24	C-terminal domain of WSSV VP37 is responsible for shrimp haemocytes binding which can be inhibited by sulfated galactan. <i>Fish and Shellfish Immunology</i> , 2018, 77, 312-318.	3.6	7
25	Cloning, expression, purification and characterization of a thermo- and surfactant-stable protease from <i>Thermomonospora curvata</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 19, 101111.	3.1	7
26	Identification, overexpression, purification, and biochemical characterization of a novel hyperthermostable keratinase from <i>Geoglobus acetivorans</i> . <i>3 Biotech</i> , 2021, 11, 2.	2.2	7
27	The expression and purification of WSSV134 from white spot syndrome virus and its inhibitory effect on caspase activity from <i>Penaeus monodon</i> . <i>Protein Expression and Purification</i> , 2017, 130, 123-128.	1.3	6
28	Antibacterial Potential of a Novel Peptide from the Consensus Sequence of Dermaseptin Related Peptides Secreted by <i>Agalychnis annae</i> . <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, 1216-1227.	1.6	6
29	Overexpression and characterization of alkaliphilic <i>Bacillus firmus</i> strain K-1 xylanase. <i>Agriculture and Natural Resources</i> , 2017, 51, 437-444.	0.1	5
30	Crystal structure of the C-terminal domain of envelope protein VP37 from white spot syndrome virus reveals sulphate binding sites responsible for heparin binding. <i>Journal of General Virology</i> , 2021, 102, .	2.9	4
31	The interaction between PmHtrA2 and PmIAP and its effect on the activity of Pm caspase. <i>Fish and Shellfish Immunology</i> , 2016, 55, 393-400.	3.6	3
32	Effect of N-terminal modification on the mode of action between the Xyn11A and Xylotetraose. <i>International Journal of Biological Macromolecules</i> , 2021, 170, 240-247.	7.5	3
33	Effects of the outer-cleft aromatic ring deletion on the resistivity of a GH11 xylanase to the lignin-like monolignol aggregates. <i>Chemical Physics Letters</i> , 2021, 762, 138141.	2.6	2
34	Antigenicity of hypothetical protein HP33 of <i>Vibrio harveyi</i> Y6 causing scale drop and muscle necrosis disease in Asian sea bass. <i>Fish and Shellfish Immunology</i> , 2021, 108, 73-79.	3.6	1
35	Construction, expression and purification of a novel CdFâ€‘based multi-epitope antigen and its immunogenic polyclonal antibody specific to <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> . <i>Protein Expression and Purification</i> , 2021, 180, 105818.	1.3	1
36	ICP35 Is a TREX-Like Protein Identified in White Spot Syndrome Virus. <i>PLoS ONE</i> , 2016, 11, e0158301.	2.5	1

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37	Immunoproteomic identification of OmpA with potential stimulation of serum-specific antibody in Nile tilapia (<i>Oreochromis niloticus</i>) and its ability to protect against <i>Edwardsiella ictaluri</i> infection. <i>Aquaculture Research</i> , 2022, 53, 3214-3227.	1.8	1
38	Role of F124 in the inhibition of <i>Bacillus firmus</i> K-1 Xyn11A by monomeric aromatic phenolic compounds. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 36, 102147.	3.1	0