

# Pongsak Khunrae

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

602  
citations

759233

12  
h-index

642732

23  
g-index

38  
all docs

38  
docs citations

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times ranked

691  
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#	ARTICLE	IF	CITATIONS
1	A multi-epitope chimeric protein elicited a strong antibody response and partial protection against <i>Edwardsiella ictaluri</i> in Nile tilapia. <i>Journal of Fish Diseases</i> , 2022, 45, 1-18.	1.9	17
2	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
3	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
4	<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
5	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
6	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
7	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
8	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
9	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
10	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
11	Construction, expression and purification of a novel Cad-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
12	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
13	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
14	Comparative genomics of <i>Edwardsiella ictaluri</i> revealed four distinct host-specific genotypes and thirteen potential vaccine candidates. <i>Genomics</i> , 2021, 113, 1976-1987.	2.9	10
15	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
16	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
17	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
18	The combined effect of formic acid and Nisin on potato spoilage. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 24, 101523.	3.1	17

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19	Synergistic effects between the additions of a disulphide bridge and an N-terminal hydrophobic sidechain on the binding pocket tilting and enhanced Xyn11A activity. Archives of Biochemistry and Biophysics, 2019, 672, 108068.	3.0	15
20	Blood and liver biopsy for the non-destructive screening of tilapia lake virus. Journal of Fish Diseases, 2019, 42, 1629-1636.	1.9	20
21	Viral infections in tilapines: More than just tilapia lake virus. Aquaculture, 2019, 503, 508-518.	3.5	39
22	Cloning, expression, purification and characterization of a thermo- and surfactant-stable protease from Thermomonospora curvata. Biocatalysis and Agricultural Biotechnology, 2019, 19, 101111.	3.1	7
23	C-terminal domain of WSSV VP37 is responsible for shrimp haemocytes binding which can be inhibited by sulfated galactan. Fish and Shellfish Immunology, 2018, 77, 312-318.	3.6	7
24	Effects of helix and fingertip mutations on the thermostability of xyn11A investigated by molecular dynamics simulations and enzyme activity assays. Journal of Biomolecular Structure and Dynamics, 2018, 36, 3978-3992.	3.5	19
25	Characterization of Bacteriophages Infecting Clinical Isolates of Clostridium difficile. Frontiers in Microbiology, 2018, 9, 1701.	3.5	33
26	The expression and purification of WSSV134 from white spot syndrome virus and its inhibitory effect on caspase activity from Penaeus monodon. Protein Expression and Purification, 2017, 130, 123-128.	1.3	6
27	Overexpression and characterization of alkaliphilic Bacillus firmus strain K-1 xylanase. Agriculture and Natural Resources, 2017, 51, 437-444.	0.1	5
28	Recombinant baculovirus mediates dsRNA specific to rr2 delivery and its protective efficacy against WSSV infection. Journal of Biotechnology, 2016, 229, 44-52.	3.8	14
29	Epr3 is a conserved immunogenic protein among Aeromonas species and able to induce antibody response in Nile tilapia. Aquaculture, 2016, 464, 399-409.	3.5	16
30	The interaction between PmHtrA2 and PmIAP and its effect on the activity of Pm caspase. Fish and Shellfish Immunology, 2016, 55, 393-400.	3.6	3
31	Knockdown of Litopenaeus vannamei HtrA2, an up-regulated gene in response to WSSV infection, leading to delayed shrimp mortality. Journal of Biotechnology, 2016, 219, 48-56.	3.8	9
32	ICP35 Is a TREX-Like Protein Identified in White Spot Syndrome Virus. PLoS ONE, 2016, 11, e0158301.	2.5	1
33	The identification and expression of the full-length HtrA2 gene from Penaeus monodon (black tiger) Tj ETQq1 1 0.784314 rgBT /Overl	1.3	7
34	Immunisation with Recombinant PfEMP1 Domains Elicits Functional Rosette-Inhibiting and Phagocytosis-Inducing Antibodies to Plasmodium falciparum. PLoS ONE, 2011, 6, e16414.	2.5	41
35	Structural insights into chondroitin sulfate binding in pregnancy-associated malaria. Biochemical Society Transactions, 2010, 38, 1337-1341.	3.4	12
36	Chondroitin Sulfate A-Adhering Plasmodium falciparum-Infected Erythrocytes Express Functionally Important Antibody Epitopes Shared by Multiple Variants. Journal of Immunology, 2010, 185, 7553-7561.	0.8	56

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37	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
38	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