

# Kittikhun Wangkanont

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

923  
citations

1040056

9  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1831  
citing authors

#	ARTICLE	IF	CITATIONS
1	Halogenated Baicalein as a Promising Antiviral Agent toward SARS-CoV-2 Main Protease. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 1498-1509.	5.4	30
2	Molecular properties and ligand specificity of zebrafish intelectin-2. <i>Fish and Shellfish Immunology</i> , 2022, 123, 528-536.	3.6	2
3	Semi-Synthesis of N-Aryl Amide Analogs of Piperine from <i>Piper nigrum</i> and Evaluation of Their Antitrypanosomal, Antimalarial, and Anti-SARS-CoV-2 Main Protease Activities. <i>Molecules</i> , 2022, 27, 2841.	3.8	10
4	Discovery of C-12 dithiocarbamate andrographolide analogues as inhibitors of SARS-CoV-2 main protease: In vitro and in silico studies. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 2784-2797.	4.1	4
5	Interaction of 8-anilino-naphthalene-1-sulfonate with SARS-CoV-2 main protease and its application as a fluorescent probe for inhibitor identification. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 3364-3371.	4.1	26
6	Biochemical and structural characterization of a recombinant fibrinogen-related lectin from <i>Penaeus monodon</i> . <i>Scientific Reports</i> , 2021, 11, 2934.	3.3	5
7	<i>Streptococcus agalactiae</i> amyloamylase offers insight into the transglycosylation mechanism and the molecular basis of thermostability among amyloamylases. <i>Scientific Reports</i> , 2021, 11, 6740.	3.3	9
8	Plant-produced SARS-CoV-2 receptor binding domain (RBD) variants showed differential binding efficiency with anti-spike specific monoclonal antibodies. <i>PLoS ONE</i> , 2021, 16, e0253574.	2.5	10
9	Global diversity of the gene encoding the Pfs25 protein—a <i>Plasmodium falciparum</i> transmission-blocking vaccine candidate. <i>Parasites and Vectors</i> , 2021, 14, 571.	2.5	3
10	Biochemical and Structural Investigation of GnnA in the Lipopolysaccharide Biosynthesis Pathway of <i>Acidithiobacillus ferrooxidans</i> . <i>ACS Chemical Biology</i> , 2020, 15, 3235-3243.	3.4	12
11	Perspectives on monoclonal antibody therapy as potential therapeutic intervention for Coronavirus disease-19 (COVID-19). <i>Asian Pacific Journal of Allergy and Immunology</i> , 2020, 38, 10-18.	0.4	297
12	Structural stabilities of calcium proteins: Human intelectin-1 and frog lectin XEEL. <i>Journal of Inorganic Biochemistry</i> , 2018, 185, 86-102.	3.5	1
13	Conformational Control of UDP-Galactopyranose Mutase Inhibition. <i>Biochemistry</i> , 2017, 56, 3983-3992.	2.5	2
14	Structures of <i>Xenopus</i> Embryonic Epidermal Lectin Reveal a Conserved Mechanism of Microbial Glycan Recognition. <i>Journal of Biological Chemistry</i> , 2016, 291, 5596-5610.	3.4	33
15	Virtual Screening for UDP-Galactopyranose Mutase Ligands Identifies a New Class of Antimycobacterial Agents. <i>ACS Chemical Biology</i> , 2015, 10, 2209-2218.	3.4	34
16	Recognition of microbial glycans by human intelectin-1. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 603-610.	8.2	133
17	The non-detergent sulfobetaine-201 acts as a pharmacological chaperone to promote folding and crystallization of the type II TGF- $\beta$ receptor extracellular domain. <i>Protein Expression and Purification</i> , 2015, 115, 19-25.	1.3	5
18	Natural products reveal cancer cell dependence on oxysterol-binding proteins. <i>Nature Chemical Biology</i> , 2011, 7, 639-647.	8.0	215

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19	A general glycomimetic strategy yields non-carbohydrate inhibitors of DC-SIGN. <i>Chemical Communications</i> , 2010, 46, 6747.	4.1	58
20	ROMP from ROMP: A New Approach to Graft Copolymer Synthesis. <i>Macromolecules</i> , 2009, 42, 4023-4027.	4.8	34