

Chalernpol Kanchanawarin

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1478505

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citing authors

#	ARTICLE	IF	CITATIONS
1	Complete structure elucidation of a functional form of the Bacillus thuringiensis Cry4Ba β -endotoxin: Insights into toxin-induced transmembrane pore architecture. Biochemical and Biophysical Research Communications, 2022, 620, 158-164.	2.1	5
2	Functional Contributions of Positive Charges in the Pore-Lining Helix 3 of the Bordetella pertussis CyaA-Hemolysin to Hemolytic Activity and Ion-Channel Opening. Toxins, 2017, 9, 109.	3.4	6
3	Membrane-Pore Forming Characteristics of the Bordetella pertussis CyaA-Hemolysin Domain. Toxins, 2015, 7, 1486-1496.	3.4	9
4	Potential Prepore Trimer Formation by the Bacillus thuringiensis Mosquito-specific Toxin. Journal of Biological Chemistry, 2015, 290, 20793-20803.	3.4	30
5	Bacillus thuringiensis Cry4Aa insecticidal protein: Functional importance of the intrinsic stability of the unique β 5 loop comprising the Pro-rich sequence. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 1111-1118.	2.3	7
6	Importance of polarity of the β 5 loop residue Asn166 in the pore-forming domain of the Bacillus thuringiensis Cry4Ba toxin: Implications for ion permeation and pore opening. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 319-327.	2.6	18
7	Combined molecular dynamics and continuum solvent studies of the pre-pore Cry4Aa trimer suggest its stability in solution and how it may form pore. PMC Biophysics, 2010, 3, 10.	2.3	16