

Chalernpol Kanchanawarin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11036466/publications.pdf>

Version: 2024-02-01

7
papers

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citations

1478505

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1720034

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docs citations

7
times ranked

71
citing authors

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