

Zhengrong Yang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

415
citations

1040056

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1199594

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all docs

12
docs citations

12
times ranked

558
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal unfolding studies show the disease causing F508del mutation in CFTR thermodynamically destabilizes nucleotide-binding domain 1. <i>Protein Science</i> , 2010, 19, 1917-1931.	7.6	111
2	Direct Binding of the Corrector VX-809 to Human CFTR NBD1: Evidence of an Allosteric Coupling between the Binding Site and the NBD1:CL4 Interface. <i>Molecular Pharmacology</i> , 2017, 92, 124-135.	2.3	85
3	Membrane protein stability can be compromised by detergent interactions with the extramembranous soluble domains. <i>Protein Science</i> , 2014, 23, 769-789.	7.6	74
4	Restoration of NBD1 Thermal Stability Is Necessary and Sufficient to Correct Δ F508 CFTR Folding and Assembly. <i>Journal of Molecular Biology</i> , 2015, 427, 106-120.	4.2	53
5	A Guide to Differential Scanning Calorimetry of Membrane and Soluble Proteins in Detergents. <i>Methods in Enzymology</i> , 2016, 567, 319-358.	1.0	17
6	Interactions and cooperativity between P-glycoprotein structural domains determined by thermal unfolding provides insights into its solution structure and function. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 48-60.	2.6	17
7	Structural stability of purified human CFTR is systematically improved by mutations in nucleotide binding domain 1. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 1193-1204.	2.6	17
8	Stabilization of a nucleotide-binding domain of the cystic fibrosis transmembrane conductance regulator yields insight into disease-causing mutations. <i>Journal of Biological Chemistry</i> , 2017, 292, 14147-14164.	3.4	15
9	Ligand binding to a remote site thermodynamically corrects the F508del mutation in the human cystic fibrosis transmembrane conductance regulator. <i>Journal of Biological Chemistry</i> , 2018, 293, 17685-17704.	3.4	9
10	Stability Prediction for Mutations in the Cytosolic Domains of Cystic Fibrosis Transmembrane Conductance Regulator. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 1762-1777.	5.4	7
11	Stability of the Retinoid X Receptor- β Homodimer in the Presence and Absence of Retinoid and Coactivator Peptide. <i>Biochemistry</i> , 2021, 60, 1165-1177.	2.5	6
12	Gene expression profiling of CD4+T cells in treatment-naive HIV, HCV mono- or co-infected Chinese. <i>Virology Journal</i> , 2014, 11, 27.	3.4	4